Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372001 2008 HL_{27}	16.8	X	269.02577	207.24740	97.54482	8.14204	0.2441823	0.21554238	2.7549535	21	3 10.9	21.3
372002 2008 HN_{28}	17.0	X	62.18669	198.11758	10.18354	5.33819	0.1931021	0.23699105	2.5861165	21	7 19.6	20.1
372003 2008 HW_{44}	17.9	X	12.47929	83.75154	177.23103	3.50903	0.1642449	0.23499620	2.6007314	21	6 27.8	20.3
372004 2008 HP_{47}	17.0	X	319.22536	89.18551	190.88303	12.30854	0.2513105	0.22230934	2.6987599	21	3 29.7	20.2
372005 2008 JF_{5}	17.5	X	146.23501	226.42582	340.36545	4.22580	0.1515842	0.25753686	2.4466760	21	10 13.0	21.3
372006 2008 JV_{8}	17.3	X	35.07751	93.54190	124.11553	5.85849	0.2303790	0.23244379	2.6197353	21	6 18.1	19.6
372007 2008 JW_{30}	17.5	X	29.20235	123.15681	138.55173	5.15133	0.0559203	0.23680066	2.5875025	21	7 20.9	20.6
372008 2008 JM_{31}	16.5	X	53.26111	75.16285	159.60676	12.58376	0.1510222	0.23627511	2.5913380	21	8 2.3	19.7
372009 2008 JJ_{34}	16.7	X	274.04250	81.12137	216.57113	15.05684	0.2727483	0.21429674	2.7656189	21	2 23.9	21.6
372010 2008 JE_{38}	16.7	X	294.02736	112.40312	209.17853	16.53705	0.2030479	0.22380070	2.6867572	21	4 27.9	20.2
372011 2008 KJ_{12}	16.0	X	258.71688	169.86942	235.91351	21.40493	0.0550635	0.23918628	2.5702687	21	7 18.9	19.9
372012 2008 KN_{24}	16.5	X	20.54743	97.78609	152.80381	12.84404	0.1409555	0.23034523	2.6356227	21	6 27.6	19.5
372013 2008 KQ_{37}	17.2	X	28.47878	10.13444	244.66600	2.92594	0.1417958	0.23428179	2.6060157	21	7 18.7	19.9
372014 2008 LA_{7}	16.8	X	139.59647	314.07932	200.47677	14.52831	0.0895108	0.23704090	2.5857539	21	7 24.4	21.0
372015 2008 LX_{7}	17.6	X	7.00637	81.32260	189.77137	12.38234	0.1438337	0.23158273	2.6262250	21	6 30.1	20.6
372016 2008 LD_{13}	16.4	X	69.03087	346.89004	232.10932	11.81693	0.1978085	0.23615034	2.5922507	21	8 7.6	20.0
372017 2008 LB_{16}	16.4	X	312.80963	233.81473	85.60720	12.89278	0.1965618	0.22994461	2.6386830	21	5 24.2	19.6
372018 2008 LU_{17}	15.5	X	238.84179	65.90281	242.26409	12.31147	0.0846113	0.19295913	2.9659181	21	2 20.2	20.3
372019 2008 NS_{4}	17.3	X	328.00981	339.51949	301.25823	2.49093	0.1645173	0.21732156	2.7398966	21	4 27.6	20.4
372020 2008 OC_{12}	16.4	X	254.33732	78.74162	283.95688	5.08660	0.1484622	0.21620765	2.7492993	21	5 11.2	20.6
372021 2008 OQ_{13}	16.2	X	246.60116	184.43905	167.07067	14.98501	0.2388732	0.21023823	2.8010977	21	4 16.8	21.0
372022 2008 PK_{20}	16.6	X	168.46062	187.24893	177.29509	2.28023	0.1129079	0.19463390	2.9488797	21	2 22.6	21.2
372023 2008 PU_{20}	15.7	X	259.66510	281.02522	96.25370	10.13917	0.2089877	0.21467280	2.7623882	21	5 31.4	20.0
372024 Ayapani	16.2	X	144.28452	220.09887	132.28144	14.89323	0.2152317	0.18841905	3.0133726	21	1 26.3	20.9
372025 2008 QX_{8}	16.0	X	196.50640	91.33301	341.30164	8.89052	0.1370665	0.21177974	2.7874886	21	6 12.2	20.6
372026 2008 QV_{28}	16.0	X	320.36257	311.55714	345.61760	13.39247	0.0969899	0.21777062	2.7361287	21	5 13.9	19.8
372027 2008 QU_{37}	16.9	X	186.56528	339.77631	352.70266	8.31347	0.1440418	0.19075932	2.9886763	21	2 6.7	21.7
372028 2008 QC_{42}	17.0	X	146.36519	230.87145	174.52137	2.13755	0.1034693	0.19594780	2.9356827	21	3 20.6	21.3
372029 2008 QB_{45}	15.7	X	235.63735	87.19195	193.16506	10.14523	0.0682097	0.18787847	3.0191502	21	1 20.1	20.4
372030 2008 RT_{9}	16.5	X	184.23396	342.25437	344.79747	8.54948	0.0498272	0.18540149	3.0459814	21	1 25.7	21.1
372031 2008 RV_{17}	17.2	X	84.10065	117.24108	316.33668	4.91892	0.1646258	0.18465381	3.0541981	21	2 18.5	21.1
372032 2008 RW_{17}	16.6	X	252.64613	172.60994	216.93304	5.41358	0.0348299	0.21446730	2.7641524	21	6 28.5	20.4
372033 2008 RJ_{18}	16.1	X	151.11068	19.85208	337.14654	10.86976	0.0330968	0.18596948	3.0397761	21	1 23.1	20.5
372034 2008 RR_{22}	16.4	X	251.91170	170.40747	173.90028	11.98357	0.1638890	0.20924360	2.8099672	21	4 18.2	20.8
372035 2008 RP_{30}	16.2	X	106.74717	48.89174	356.57958	10.93119	0.0646173	0.18566618	3.0430857	21	2 3.2	20.5
372036 2008 RS_{38}	16.7	X	135.00105	305.11501	84.53072	0.17839	0.1978060	0.18762570	3.0218611	21	2 28.7	21.3
372037 2008 RC_{39}	15.9	X	198.31306	323.69839	2.35389	11.43381	0.0642473	0.18996699	2.9969808	21	2 10.0	20.5
372038 2008 RC_{40}	16.7	X	182.87022	137.31991	170.54768	0.93034	0.0925190	0.18316697	3.0707039	21	1 2.4	21.4
372039 2008 RZ_{40}	16.2	X	146.19652	279.49412	170.59960	2.15714	0.0308357	0.20325637	2.8648811	21	5 8.2	20.1
372040 2008 RF_{43}	16.1	X	105.96463	25.08233	10.56526	8.90871	0.1859840	0.18164107	3.0878772	21	2 7.8	20.5
372041 2008 RD_{65}	16.2	X	117.13061	246.05115	157.27513	10.35663	0.0645984	0.18816058	3.0161316	21	2 8.4	20.4
372042 2008 RD_{68}	16.7	X	147.14320	313.59699	55.41486	3.99081	0.1300875	0.18626489	3.0365613	21	2 11.4	21.3
372043 2008 RM_{74}	16.4	X	146.54915	254.69090	100.02078	1.90518	0.1399163	0.18537408	3.0462816	21	1 24.8	21.1
372044 2008 RS_{77}	16.7	X	191.16027	266.17663	97.01430	1.87798	0.0950646	0.19632197	2.9319515	21	3 15.8	21.3
372045 2008 RN_{80}	16.3	X	133.95217	179.40389	195.40984	7.07833	0.1345918	0.18557900	3.0440386	21	2 1.7	20.9
372046 2008 RY_{88}	16.3	X	209.83174	124.15607	204.44265	13.32406	0.1603748	0.19310314	2.9644434	21	2 16.4	21.4
372047 2008 RR_{89}	16.0	X	213.25414	243.18851	344.66368	11.21318	0.0883887	0.17029950	3.2234960	21	—	—
372048 2008 RF_{90}	16.8	X	216.08616	351.16417	291.83242	4.70848	0.1168898	0.18417149	3.0595281	21	1 5.8	21.7
372049 2008 RO_{92}	16.4	X	222.10945	115.79061	179.68374	20.05451	0.1226841	0.18939117	3.0030523	21	1 22.1	21.5
372050 2008 RN_{96}	16.5	X	104.83490	196.60206	199.81143	5.29507	0.1449317	0.18029112	3.1032719	21	1 28.2	20.8
372051 2008 RS_{96}	15.5	X	152.74194	10.54661	9.97373	9.62696	0.1265344	0.18794242	3.0184652	21	3 3.1	20.2
372052 2008 RC_{97}	16.9	X	214.40133	85.89008	212.32622	2.73704	0.1446763	0.18658859	3.0330483	21	1 20.4	21.8
372053 2008 RX_{100}	16.1	X	198.20868	5.34217	317.09867	8.95020	0.0273546	0.18734857	3.0248404	21	2 1.7	20.5
372054 2008 RB_{106}	15.4	X	167.30798	295.00728	28.05013	14.81196	0.2186703	0.17997223	3.1069365	21	1 17.1	20.8
372055 2008 RP_{106}	16.5	X	173.74172	341.09429	0.35916	11.40226	0.1311065	0.18935022	3.0034852	21	2 6.6	21.3
372056 2008 RU_{107}	16.8	X	67.11703	320.82713	233.92817	3.30902	0.0389213	0.21446708	2.7641543	21	6 12.1	20.4
372057 2008 RA_{109}	16.9	X	188.34906	147.58694	178.21292	0.88437	0.2165723	0.18845954	3.0129410	21	1 31.8	22.1
372058 2008 RJ_{110}	16.7	X	77.38860	105.53660	318.43544	3.62956	0.2128080	0.17977689	3.1091867	21	2 5.4	20.3
372059 2008 RR_{110}	16.3	X	61.29075	248.87040	172.98075	9.47291	0.0961006	0.17625422	3.1504774	21	—	—
372060 2008 RG_{111}	16.2	X	346.58255	122.45839	344.09363	6.82072	0.1114074	0.16951386	3.2334482	21	—	—
372061 2008 RZ_{114}	16.7	X	118.19932	241.75671	165.44326	0.80754	0.1719174	0.18235851	3.0797729	21	3 2.1	21.2
372062 2008 RJ_{123}	16.7	X	234.68476	307.85159	2.92068	1.15560	0.1066095	0.19659220	2.9292641	21	2 23.2	21.3
372063 2008 RQ_{123}	16.1	X	16.51304	130.90512	1.62673	9.83604	0.0376306	0.18579869	3.0416387	21	1 19.3	20.3
372064 2008 RK_{129}	15.7	X	175.84211	317.57804	41.10622	14.06544	0.1712354	0.18525456	3.0475916	21	3 6.1	20.9
372065 2008 RS_{129}	16.7	X	105.03024	332.36803	55.02790	1.09192	0.2133380	0.17561719	3.1580915	21	1 29.8	21.1
372066 2008 RR_{131}	16.8	X	238.42129	226.57590	54.93223	1.50893	0.0414718	0.18825702	3.0151015	21	1 28.5	21.1
372067 2008 RH_{136}	15.6	X	200.68388	318.46255	331.08447	10.54947	0.1190545	0.18283248	3.0744480	21	—	—
372068 2008 RJ_{141}	16.3	X	173.21744	233.74183	151.91771	2.71385	0.2158164	0.19694175	2.9257970	21	3 29.8	21.2
372069 2008 RX_{142}	16.5	X	274.71055	63.30928	186.72191	9.76996	0.0387312	0.19000672	2.9965629	21	1 29.2	20.9
372070 2008 SM	17.7	X	53.39127	298.12764	355.33672	17.98433	0.0631659	0.38223725	1.8803876	21	10 24.1	19.8
372071 2008 SP_{1}	17.9	X	70.23481	356.30995	325.80710	15.86789	0.0856762	0.39241334	1.8477372	21	—	—
372072 2008 SH_{11}	16.5	X	146.63092	303.46595	77.46459	2.50738	0.1885324	0.18528297	3.0472801	21	3 1.8	21.3
372073 2008 SZ_{11}	15.8	X	212.61651	339.37019	334.23945	11.58949	0.1570067	0.18853053	3.0121846	21	2 7.4	20.7
372074 2008 SL_{26}	16.4	X	270.92484	183.80912	109.05167	3.12471	0.0416583	0.19792601	2.9160892	21	3 20.2	20.4
372075 2008 SW_{27}	16.5	X	125.96503	45.91113	27.19827	2.28893	0.0626402	0.19429420	2.9523159	21	3 27.6	20.5
372076 2008 SE_{28}	18.6	X	347.29022	245.00824	191.56877	22.21806	0.0875984	0.39591085	1.8368391	21	—	—
372077 2008 SW_{32}	16.1	X	150.08919	92.62254	292.85159	5.21865	0.0662989	0.18922714	3.0047876	21	2 23.8	20.6
372078 2008 SC_{33}	16.8	X	237.39096	309.63947	334.81845	4.37198	0.1232417	0.19538450	2.9413224	21	1 25.8	21.5
372079 2008 SP_{34}	15.6	X	81.24439	211.36041	191.56716	10.32580	0.1214401	0.17677997	3.1442278	21	1 2.9	19.9
372080 2008 SD_{36}	15.3	X	204.52591	283.99931	21.83622	15.40351	0.2053004	0.18725467	3.0258515	21	1 26.7	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372081 2008 SF_{40}	16.6	X	251.32575	341.15349	49.28829	4.13226	0.1005440	0.21087437	2.7954615	21	6 19.6	20.6
372082 2008 SK_{40}	16.6	X	175.10462	252.00413	143.49518	2.83935	0.0744239	0.19546566	2.9405082	21	4 6.9	20.9
372083 2008 SO_{50}	16.1	X	67.94754	276.06906	184.53464	10.77759	0.1070242	0.18674949	3.0313060	21	2 19.4	20.0
372084 2008 SQ_{52}	16.3	X	24.04584	284.49622	190.67897	10.10158	0.0672159	0.17994545	3.1072448	21	1 4.8	20.6
372085 2008 SR_{52}	16.7	X	227.86354	157.81491	187.33386	6.48975	0.0813711	0.19852521	2.9102186	21	3 30.7	21.0
372086 2008 SS_{53}	16.6	X	202.34917	238.68440	45.92058	1.43242	0.1042048	0.18103253	3.0947932	21	—	—
372087 2008 SY_{53}	16.5	X	203.11548	177.15541	189.94347	9.48601	0.0668365	0.19689408	2.9262692	21	3 31.8	20.8
372088 2008 SJ_{57}	16.4	X	104.18420	188.56780	190.81478	2.32043	0.0689942	0.17681781	3.1437792	21	—	—
372089 2008 SU_{65}	15.8	X	160.74095	149.99004	208.76990	12.24668	0.2213085	0.18517449	3.0484701	21	2 13.8	21.1
372090 2008 SV_{65}	15.7	X	147.29824	317.13114	28.90144	11.23119	0.0862089	0.17768324	3.1335628	21	1 13.0	20.5
372091 2008 SP_{75}	16.8	X	80.74342	215.94078	205.14864	4.40929	0.1128407	0.18195820	3.0842882	21	1 22.1	20.9
372092 2008 SZ_{89}	15.5	X	45.98562	139.85010	357.38183	10.12902	0.0522959	0.18932923	3.0037072	21	3 4.4	19.5
372093 2008 SB_{90}	15.9	X	209.08665	279.59401	1.39469	11.39129	0.2656618	0.18531171	3.0469651	21	—	—
372094 2008 SV_{93}	16.5	X	97.65462	158.47193	229.08113	6.58124	0.1405943	0.17698503	3.1417987	21	1 8.9	20.8
372095 2008 SC_{94}	16.4	X	85.14736	71.34981	334.79986	4.44365	0.1427571	0.17713404	3.1400366	21	1 16.9	20.4
372096 2008 SC_{97}	15.9	X	334.58412	168.02113	13.32626	16.34023	0.0543177	0.18296130	3.0730047	21	1 26.2	20.4
372097 2008 SL_{97}	15.9	X	164.52808	348.94324	4.72820	10.18862	0.1178190	0.18541921	3.0457872	21	2 11.5	20.7
372098 2008 SV_{100}	15.4	X	95.43209	11.91145	34.04726	22.70936	0.0517721	0.17958062	3.1114517	21	1 22.8	20.2
372099 2008 ST_{102}	16.2	X	153.62560	272.64959	36.65735	7.80985	0.1763911	0.17363263	3.1821097	21	—	—
372100 2008 SL_{104}	16.2	X	57.20198	216.95462	207.81867	8.57786	0.0800851	0.17337673	3.1852401	21	—	—
372101 2008 SA_{105}	16.4	X	181.06298	270.89205	39.21231	5.57882	0.1586225	0.17958179	3.1114382	21	1 8.1	21.4
372102 2008 SR_{119}	16.8	X	245.18252	168.09748	205.66971	1.43599	0.0902641	0.20528844	2.8459443	21	5 23.5	21.0
372103 2008 SK_{120}	16.6	X	252.14666	162.25289	185.74959	1.80797	0.0859380	0.20188108	2.8778775	21	4 29.5	20.7
372104 2008 SZ_{122}	16.6	X	66.33748	41.89431	2.68172	2.10363	0.0417312	0.17238658	3.1974253	21	—	—
372105 2008 SK_{128}	15.8	X	9.07820	266.20435	220.26670	15.44473	0.1243438	0.17408346	3.1766135	21	—	—
372106 2008 ST_{128}	16.4	X	188.72378	351.83856	309.02847	2.99497	0.1440294	0.17915219	3.1164104	21	1 3.2	21.4
372107 2008 SJ_{129}	16.2	X	189.10567	84.72644	281.56316	2.74019	0.0754382	0.19082569	2.9879833	21	3 15.3	20.8
372108 2008 SK_{129}	16.5	X	99.27433	66.80333	302.71751	2.44409	0.0678489	0.17191803	3.2032322	21	—	—
372109 2008 SX_{129}	16.3	X	142.09528	106.15768	224.06978	8.44347	0.0529186	0.17295309	3.1904394	21	—	—
372110 2008 SG_{131}	16.3	X	193.27946	297.81568	359.96024	4.39788	0.1020918	0.17861737	3.1226281	21	1 2.7	21.2
372111 2008 SR_{132}	17.9	X	121.91722	13.14125	204.32672	21.41321	0.0116128	0.37642181	1.8997051	21	10 8.5	19.7
372112 2008 SU_{132}	17.0	X	148.66709	193.15487	224.30250	4.16874	0.1719557	0.19083573	2.9878784	21	4 12.1	21.8
372113 2008 SM_{134}	16.1	X	4.68536	151.88837	335.41625	9.76744	0.0563467	0.17920759	3.1157680	21	—	—
372114 2008 SP_{136}	16.4	X	64.05279	138.88131	318.65716	5.57495	0.2183701	0.18085512	3.0968168	21	2 26.3	19.8
372115 2008 SF_{142}	16.8	X	76.86416	296.27441	118.98650	2.08272	0.1693015	0.17495034	3.1661114	21	1 19.7	20.7
372116 2008 SM_{145}	16.0	X	129.31783	21.76374	27.46597	12.21534	0.0882185	0.18672124	3.0316116	21	3 10.9	20.5
372117 2008 SV_{146}	15.7	X	128.63007	88.57238	278.40689	9.63638	0.0646541	0.17902959	3.1178329	21	1 11.4	20.1
372118 2008 SE_{161}	16.5	X	147.78593	192.47102	183.11092	13.36009	0.1458566	0.18784959	3.0194595	21	2 17.1	21.3
372119 2008 SB_{162}	15.4	X	203.12342	264.29353	16.99807	11.69025	0.1272718	0.18210907	3.0825846	21	—	—
372120 2008 SY_{164}	16.2	X	123.76543	18.79128	35.62438	6.32562	0.2532715	0.18607839	3.0385899	21	3 26.9	21.1
372121 2008 SM_{167}	16.1	X	159.05569	323.03011	36.12242	12.08890	0.2014737	0.18567994	3.0429354	21	2 20.8	21.3
372122 2008 SV_{169}	16.7	X	156.92448	185.09219	190.15689	12.04405	0.0689799	0.19119371	2.9841477	21	2 18.2	21.2
372123 2008 SZ_{179}	16.3	X	123.37080	2.89221	38.73873	3.81658	0.1678726	0.18423085	3.0588708	21	3 1.9	20.8
372124 2008 SJ_{180}	16.1	X	121.17835	219.28209	196.18672	7.96707	0.1963638	0.18567628	3.0429753	21	3 16.5	20.8
372125 2008 SF_{182}	16.2	X	170.06487	110.47240	198.53204	8.40343	0.0629079	0.17426944	3.1743530	21	—	—
372126 2008 SA_{193}	15.7	X	80.48765	35.33698	34.08436	17.57771	0.2150866	0.17871244	3.1215205	21	2 26.9	20.0
372127 2008 SY_{196}	16.3	X	35.70116	30.11995	53.59518	4.33362	0.1602038	0.17074075	3.2179399	21	—	—
372128 2008 SA_{198}	16.4	X	110.97814	189.69391	203.15001	15.90721	0.0667659	0.17805936	3.1291486	21	1 18.8	21.1
372129 2008 SC_{198}	16.5	X	114.65548	240.93800	199.15647	10.36511	0.1081326	0.18720281	3.0264103	21	3 28.5	20.7
372130 2008 ST_{206}	15.6	X	97.66571	346.41934	58.48558	11.75629	0.0874793	0.17744808	3.1363306	21	1 26.3	20.1
372131 2008 SC_{220}	16.2	X	157.87357	160.67586	208.56940	4.14830	0.1785972	0.18862541	3.0111744	21	2 22.5	21.1
372132 2008 SE_{226}	16.3	X	131.31968	251.54131	108.15447	2.82368	0.2235184	0.17864309	3.1223283	21	1 25.5	21.2
372133 2008 SE_{236}	18.1	X	56.87554	67.11649	201.63329	22.17910	0.0466806	0.37618915	1.9004883	21	9 21.7	20.1
372134 2008 SN_{237}	16.6	X	163.25824	356.67529	355.49964	5.75882	0.1539498	0.18794298	3.0184592	21	2 8.8	21.4
372135 2008 SF_{240}	16.0	X	87.67863	322.91131	108.11321	5.38199	0.1633548	0.18081820	3.0972383	21	2 23.0	20.1
372136 2008 SP_{241}	16.1	X	147.58236	253.46392	86.83350	3.63489	0.1613421	0.18156212	3.0887722	21	1 11.9	20.9
372137 2008 SH_{243}	15.9	X	80.08591	346.97585	62.26451	5.49454	0.1999701	0.17453717	3.1711061	21	1 22.7	19.9
372138 2008 SG_{244}	16.1	X	97.91664	286.67849	118.91141	2.14365	0.1768293	0.18009236	3.1055548	21	2 5.9	20.1
372139 2008 SQ_{248}	16.4	X	193.35575	116.38145	198.53693	9.15842	0.1600390	0.18704899	3.0280693	21	1 20.3	21.5
372140 2008 SW_{249}	16.6	X	124.51910	43.34666	341.62010	9.01157	0.1351560	0.18284522	3.0743051	21	2 7.7	21.0
372141 2008 SA_{253}	16.2	X	186.93553	135.03007	218.68924	8.97761	0.1137037	0.19001923	2.9964314	21	2 25.4	21.0
372142 2008 SV_{256}	16.4	X	92.09094	258.08733	151.15546	12.00212	0.3392612	0.17844974	3.1245833	21	2 26.9	20.6
372143 2008 SP_{261}	15.6	X	185.42435	253.56203	53.77219	13.28655	0.1476942	0.17943667	3.1131157	21	1 8.4	20.8
372144 2008 SH_{265}	15.9	X	165.21874	269.15234	60.55335	10.46778	0.0762803	0.17838625	3.1253246	21	1 10.6	20.7
372145 2008 SR_{265}	16.4	X	123.03803	269.18868	127.98798	4.67900	0.1131898	0.18567098	3.0430333	21	2 16.2	20.6
372146 2008 SH_{267}	15.6	X	192.83086	282.41866	5.45305	16.71634	0.2664295	0.18165177	3.0877559	21	—	—
372147 2008 SQ_{267}	15.8	X	75.40321	47.26026	359.01646	8.99921	0.0765157	0.17448585	3.1717277	21	—	—
372148 2008 SQ_{271}	15.5	X	114.58819	26.91574	2.62312	10.57541	0.1117218	0.17813539	3.1282581	21	2 1.4	20.0
372149 2008 SU_{273}	16.5	X	271.29018	117.07689	141.63735	1.02886	0.0304315	0.19047195	2.9916815	21	2 7.7	20.6
372150 2008 SJ_{279}	16.4	X	182.55289	339.14518	1.61515	9.23109	0.0774807	0.18932178	3.0037861	21	2 10.7	21.0
372151 2008 SQ_{282}	15.7	X	349.95878	268.37726	246.99349	6.24722	0.1850601	0.17527685	3.1621783	21	—	—
372152 2008 SV_{284}	16.1	X	77.50237	72.66307	13.11717	13.35132	0.1491439	0.18019832	3.1043372	21	2 28.7	20.2
372153 2008 SD_{289}	16.4	X	7.75328	126.42860	341.13428	4.48069	0.1601283	0.17097273	3.2150284	21	—	—
372154 2008 SG_{293}	17.8	X	64.25281	64.48903	222.83757	20.39802	0.0731523	0.38246950	1.8796263	21	11 10.9	19.6
372155 2008 SM_{293}	15.9	X	124.33933	343.51754	52.73686	14.33480	0.1538421	0.18332067	3.0689873	21	2 28.8	20.7
372156 2008 SK_{297}	15.7	X	124.75472	152.74819	234.95528	14.48404	0.0531106	0.18410794	3.0602321	21	1 24.9	20.4
372157 2008 SC_{308}	15.6	X	109.75701	81.26276	353.54995	8.27544	0.0231856	0.18573599	3.0423231	21	3 6.0	19.9
372158 2008 SL_{309}	16.1	X	102.78957	291.55017	127.86389	2.48294	0.1728177	0.17916735	3.1162345	21	2 28.6	20.4
372159 2008 SF_{310}	16.0	X	141.05678	73.60053	348.14297	8.78262	0.0849851	0.19125224	2.9835388	21	3 31.2	20.4
372160 2008 TP_{1}	16.3	X	189.65925	106.73116	204.31348	8.28710	0.1140329	0.18463123	3.0544471	21	1 11.9	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372161 2008 TB_3	16.2	X	96.57286	201.83309	251.79218	6.17418	0.1128125	0.19629252	2.9322448	21	3 20.4	20.3
372162 2008 TZ_5	16.6	X	169.89569	46.58319	292.71991	1.34603	0.2014317	0.18537689	3.0462508	21	2 1.5	21.7
372163 2008 TT_8	16.0	X	160.68898	143.98383	200.74872	10.25563	0.0247788	0.18209790	3.0827106	21	1 14.9	20.7
372164 2008 TV_{13}	15.5	X	215.29662	273.80898	6.18261	18.47444	0.1861383	0.18576105	3.0420495	21	1 3.6	21.0
372165 2008 TZ_{13}	16.2	X	60.08095	269.37011	203.47373	5.29576	0.2577307	0.18323295	3.0699667	21	3 16.7	19.7
372166 2008 TG_{16}	16.9	X	93.12827	96.96535	339.94631	3.72310	0.1201969	0.18615340	3.0377736	21	2 28.7	20.9
372167 2008 TF_{24}	16.0	X	105.19629	38.56812	341.20945	9.31116	0.0911267	0.17795033	3.1304266	21	1 4.6	20.5
372168 2008 TO_{34}	16.2	X	151.75372	329.44350	60.64306	5.79042	0.0346978	0.18789106	3.0190153	21	3 5.0	20.6
372169 2008 TL_{38}	16.0	X	132.67756	286.80671	96.97498	7.86269	0.2847716	0.18499918	3.0503957	21	3 3.4	21.1
372170 2008 TL_{42}	15.7	X	46.72141	124.06579	300.49180	8.35086	0.0377309	0.17357722	3.1827870	21	—	—
372171 2008 TE_{46}	16.2	X	160.00639	200.51739	166.86926	4.98878	0.1159137	0.18477222	3.0528931	21	2 19.0	20.9
372172 2008 TH_{51}	16.4	X	147.75838	223.34715	184.43375	5.78230	0.1643069	0.19113241	2.9847857	21	3 30.9	21.0
372173 2008 TN_{53}	15.8	X	322.59643	1.51793	187.40281	11.87312	0.0364092	0.18292650	3.0733944	21	1 14.8	20.3
372174 2008 TB_{55}	16.0	X	357.21704	275.12430	207.60638	4.00637	0.1173601	0.17297702	3.1901451	21	—	—
372175 2008 TX_{55}	16.7	X	157.61108	129.14427	207.61739	4.65377	0.1433165	0.18102291	3.0949028	21	1 14.6	21.6
372176 2008 TW_{57}	17.0	X	84.93778	265.64237	166.08871	0.78664	0.1664405	0.18110836	3.0939293	21	2 18.8	20.9
372177 2008 TB_{63}	16.6	X	193.43165	29.47372	310.74325	0.53778	0.0871321	0.18810214	3.0167563	21	2 18.6	21.2
372178 2008 TD_{63}	15.4	X	184.16191	268.68854	62.80880	11.01567	0.1063494	0.18814235	3.0163264	21	2 3.3	20.3
372179 2008 TZ_{63}	16.6	X	62.65362	284.24732	162.80862	0.59485	0.1658420	0.17801432	3.1296763	21	2 5.1	20.1
372180 2008 TP_{66}	15.9	X	163.41818	280.64070	43.72687	10.41802	0.0556927	0.17704441	3.1410962	21	—	—
372181 2008 TW_{73}	15.9	X	139.56471	312.35846	30.55841	11.87358	0.0648101	0.17447334	3.1718795	21	—	—
372182 2008 TS_{77}	16.0	X	92.69231	77.00726	19.34194	8.68318	0.0991289	0.19005236	2.9960832	21	3 22.5	20.0
372183 2008 TA_{80}	16.7	X	173.37392	313.32334	53.75441	2.78322	0.1933457	0.19113412	2.9847679	21	3 8.5	21.6
372184 2008 TB_{84}	16.4	X	127.31276	195.22524	205.23814	8.00964	0.1929744	0.18548310	3.0450878	21	3 3.4	21.2
372185 2008 TB_{85}	16.4	X	249.12512	39.32984	290.42908	0.94614	0.0463319	0.20001837	2.8957171	21	4 6.5	20.4
372186 2008 TV_{85}	16.3	X	0.48651	148.83221	12.34218	5.69669	0.0693530	0.18561036	3.0436957	21	1 30.2	20.3
372187 2008 TY_{85}	16.9	X	133.28374	28.21597	12.52124	1.38643	0.1569947	0.18794090	3.0184815	21	3 8.1	21.3
372188 2008 TR_{89}	15.9	X	75.19740	32.37556	28.81397	6.34154	0.1868071	0.17593228	3.1543196	21	1 28.9	19.8
372189 2008 TS_{89}	16.4	X	50.42045	84.49217	28.45656	9.76352	0.1933227	0.17872303	3.1213972	21	2 25.2	20.0
372190 2008 TT_{98}	16.4	X	145.29330	317.14338	30.72541	4.19255	0.1144894	0.18076012	3.0979017	21	1 14.3	21.1
372191 2008 TC_{99}	15.8	X	146.82270	310.53242	25.90164	11.72632	0.0485115	0.17770125	3.1333510	21	—	—
372192 2008 TX_{105}	16.1	X	200.61058	130.35975	207.99862	9.64002	0.1145030	0.18984634	2.9982504	21	2 20.6	21.0
372193 2008 TU_{106}	16.5	X	170.56798	329.14794	39.23242	6.56146	0.1780751	0.19082493	2.9879911	21	3 8.5	21.4
372194 2008 TZ_{110}	15.8	X	146.61051	30.69485	9.39310	10.04715	0.1102268	0.18887811	3.0084881	21	3 17.3	20.3
372195 2008 TS_{123}	16.3	X	62.51392	67.24803	24.79672	5.64603	0.2155759	0.18437546	3.0572712	21	2 18.8	19.7
372196 2008 TX_{127}	16.6	X	135.80440	52.06014	350.66984	8.31409	0.1385499	0.18806394	3.0171648	21	3 10.8	21.1
372197 2008 TN_{130}	16.3	X	11.01603	112.85814	5.05213	7.30443	0.1613467	0.17265905	3.1940606	21	—	—
372198 2008 TC_{131}	16.4	X	275.06424	291.22168	276.94979	3.90225	0.0107107	0.17530170	3.1618794	21	—	—
372199 2008 TM_{133}	16.6	X	204.43877	159.51340	169.32176	2.81655	0.0592883	0.19009476	2.9956377	21	2 15.4	20.9
372200 2008 TA_{142}	16.4	X	13.02417	352.27316	152.92416	2.31104	0.0462594	0.18476206	3.0530051	21	1 27.1	20.3
372201 2008 TE_{143}	16.7	X	113.05956	7.40446	30.93283	2.90168	0.1170049	0.18352565	3.0667017	21	2 7.5	20.9
372202 2008 TZ_{143}	16.7	X	222.18004	112.26719	172.00761	2.01303	0.2289774	0.18874932	3.0098565	21	1 10.2	21.9
372203 2008 TD_{148}	17.0	X	239.15238	171.75371	116.10264	2.34518	0.1224192	0.19043365	2.9920827	21	1 31.6	21.7
372204 2008 TJ_{152}	16.1	X	58.20205	230.93446	176.45677	10.50187	0.0411871	0.17404952	3.1770264	21	—	—
372205 2008 TO_{154}	15.7	X	232.30103	26.36850	283.03529	7.61835	0.0729554	0.19013857	2.9951775	21	2 18.7	20.3
372206 2008 TD_{158}	15.5	X	108.58678	143.25191	280.43218	9.37042	0.1116230	0.18254889	3.0776312	21	2 26.7	20.0
372207 2008 TT_{160}	16.3	X	184.31830	282.61619	27.95661	0.59395	0.1508435	0.18150668	3.0894012	21	1 10.2	21.2
372208 2008 TC_{163}	15.7	X	73.50713	277.05776	164.57315	16.58698	0.2500383	0.17888153	3.1195530	21	2 27.1	19.4
372209 2008 TT_{169}	16.5	X	131.37654	292.93375	69.27323	2.59715	0.0869046	0.17757053	3.1348887	21	1 12.9	21.0
372210 2008 TB_{170}	16.2	X	103.84041	271.60809	132.81596	7.86920	0.2523531	0.18045295	3.1014163	21	2 22.9	20.7
372211 2008 TV_{173}	15.8	X	123.12492	277.43632	124.45900	12.23671	0.1195514	0.18527983	3.0473146	21	2 24.4	20.3
372212 2008 TR_{177}	15.8	X	131.49733	313.28396	92.31392	11.46032	0.1024885	0.18949506	3.0019546	21	3 10.7	20.4
372213 2008 TY_{189}	14.6	X	90.06195	140.47791	269.68609	25.95081	0.1289963	0.17624058	3.1506399	21	1 18.9	19.1
372214 2008 UM_2	15.6	X	116.01396	282.46725	115.47692	20.13418	0.1495388	0.17906595	3.1174108	21	2 17.0	20.3
372215 2008 UU_{11}	15.9	X	305.49383	341.37250	226.68974	11.46110	0.0721153	0.18387656	3.0627988	21	1 11.4	20.4
372216 2008 UH_{12}	16.4	X	114.40891	123.33842	259.44892	5.65257	0.0502367	0.18007870	3.1057117	21	1 11.2	20.8
372217 2008 UR_{12}	16.9	X	197.75489	144.02514	180.83419	8.81952	0.1317577	0.18906279	3.0065286	21	2 3.8	21.9
372218 2008 UA_{22}	17.1	X	166.29819	9.00913	23.81927	0.19261	0.2124839	0.19214043	2.9743372	21	4 1.2	22.1
372219 2008 UN_{29}	15.3	X	137.52385	331.36036	47.67224	16.94851	0.1764639	0.18170336	3.0871714	21	2 25.8	20.4
372220 2008 UJ_{32}	15.5	X	60.61563	213.04364	212.33465	14.82490	0.0057761	0.17312329	3.1883480	21	—	—
372221 2008 UQ_{33}	16.4	X	128.44591	244.06878	158.36856	2.77402	0.1560240	0.18580180	3.0416047	21	3 5.1	21.0
372222 2008 UL_{36}	16.0	X	107.75886	153.83510	239.44278	11.32394	0.1342137	0.17665873	3.1456663	21	1 25.0	20.6
372223 2008 UA_{46}	15.8	X	332.70174	269.83063	264.63115	6.88247	0.0350522	0.17425671	3.1745077	21	1 13.1	20.3
372224 2008 US_{50}	16.2	X	186.53688	247.34871	42.42895	1.50165	0.1855501	0.17745965	3.1361944	21	—	—
372225 2008 UB_{57}	16.6	X	152.88127	224.50843	89.64542	2.54369	0.0929635	0.17275675	3.1928562	21	—	—
372226 2008 UB_{66}	15.8	X	145.87773	121.53114	248.65247	11.42396	0.1070644	0.17983370	3.1085319	21	2 4.2	20.7
372227 2008 UJ_{71}	15.9	X	134.40041	87.29007	297.47911	4.38464	0.1393228	0.17942584	3.1132408	21	2 16.2	20.5
372228 2008 UL_{77}	15.3	X	92.09252	6.54748	50.34638	19.25008	0.1857501	0.17552242	3.1592282	21	2 24.1	19.9
372229 2008 UT_{79}	16.3	X	164.07660	129.04050	225.27977	16.04997	0.1288244	0.18445454	3.0563974	21	2 3.7	21.4
372230 2008 UO_{80}	15.7	X	168.28198	283.56643	308.04968	6.20592	0.0940997	0.15447824	3.4399952	21	11 20.9	21.2
372231 2008 UG_{86}	16.7	X	136.49794	200.26988	203.11404	0.85260	0.2535461	0.18465978	3.0541322	21	3 23.3	21.7
372232 2008 UR_{91}	15.0	X	131.74590	118.36023	270.43107	16.74361	0.1455050	0.17838526	3.1253362	21	2 12.7	20.0
372233 2008 UF_{100}	16.3	X	116.70957	205.52420	219.09638	3.13525	0.2381872	0.18381474	3.0634854	21	3 28.3	20.9
372234 2008 UC_{107}	16.2	X	133.61531	283.94649	65.73145	6.48105	0.1276290	0.17629738	3.1499632	21	1 5.9	20.9
372235 2008 UU_{111}	15.7	X	157.67120	309.30103	25.89941	16.08031	0.0655276	0.17704231	3.1411211	21	1 9.8	20.6
372236 2008 UL_{116}	16.1	X	171.23432	320.61805	350.11485	6.33481	0.1149717	0.17404042	3.1771372	21	—	—
372237 2008 UT_{117}	16.1	X	256.01328	253.19077	11.00555	8.72914	0.0993368	0.18169034	3.0873189	21	1 25.8	20.9
372238 2008 UY_{120}	16.1	X	46.28439	124.34196	357.49949	8.05693	0.0630100	0.17927342	3.1150052	21	2 16.7	20.1
372239 2008 UF_{122}	16.2	X	12.23049	167.97461	303.18610	6.23492	0.0753949	0.16978772	3.2299703	21	—	—
372240 2008 UG_{124}	15.7	X	183.44239	336.56132	343.64808	9.07115	0.0720571	0.17631302	3.1497769	21	1 19.5	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372241 2008 UV_{124}	16.0	X	140.37882	80.98655	303.17838	7.54186	0.0877705	0.18038838	3.1021563	21	2 15.5	20.5
372242 2008 UV_{125}	15.6	X	143.68462	147.70095	272.17085	8.33956	0.1182351	0.18675289	3.0312691	21	4 2.6	20.4
372243 2008 US_{133}	16.3	X	37.04056	268.16460	227.00279	5.52153	0.1373413	0.17935490	3.1140618	21	2 18.7	20.0
372244 2008 UL_{137}	16.1	X	182.14694	78.00697	221.40085	9.46069	0.2285849	0.17740166	3.1368777	21	—	—
372245 2008 UY_{139}	16.0	X	111.36963	352.22667	44.85566	5.55564	0.1343571	0.17815666	3.1280091	21	2 8.4	20.4
372246 2008 UP_{142}	16.1	X	133.73557	304.98840	62.62698	4.80861	0.1242121	0.17729181	3.1381734	21	1 27.3	20.7
372247 2008 UE_{151}	16.3	X	165.40098	175.25279	208.88912	1.37049	0.2219581	0.18801018	3.0177399	21	3 21.8	21.4
372248 2008 UX_{155}	16.6	X	71.54390	298.78663	123.64564	0.73632	0.1976429	0.17252142	3.1957591	21	1 24.9	20.5
372249 2008 UG_{158}	16.2	X	132.24269	121.00512	225.39289	15.20053	0.2207987	0.17447939	3.1718061	21	1 8.3	21.3
372250 2008 UT_{159}	16.1	X	132.24438	314.71998	38.42349	5.97359	0.1917149	0.17330271	3.1861470	21	1 17.3	21.0
372251 2008 UW_{161}	16.7	X	104.05676	359.82782	9.75830	9.01938	0.0762554	0.17308312	3.1888413	21	—	—
372252 2008 UL_{162}	15.9	X	149.23150	2.02672	334.23980	4.29328	0.0395527	0.17546458	3.1599223	21	—	—
372253 2008 UU_{182}	16.8	X	81.79161	269.80748	154.15699	1.98746	0.1515211	0.17778440	3.1323740	21	2 3.2	20.9
372254 2008 UL_{189}	17.2	X	118.29965	261.95479	149.00175	0.82414	0.1229683	0.18728427	3.0255327	21	2 27.9	21.4
372255 2008 UF_{192}	15.8	X	116.69119	2.06891	63.88178	5.32026	0.1128459	0.18397064	3.0617545	21	3 18.0	20.2
372256 2008 UX_{208}	15.7	X	58.98652	208.76146	234.43917	6.43012	0.1453415	0.17510797	3.1642111	21	1 21.9	19.6
372257 2008 UX_{209}	16.2	X	297.24176	22.80996	226.02782	9.14013	0.0367366	0.18764111	3.0216957	21	2 22.6	20.7
372258 2008 UG_{216}	16.3	X	72.57111	253.80046	176.80809	1.13810	0.1472991	0.17289441	3.1911612	21	1 29.6	20.2
372259 2008 US_{220}	16.0	X	36.76597	220.59871	244.59679	3.89779	0.1529117	0.17304480	3.1893120	21	1 14.6	19.7
372260 2008 UJ_{236}	15.4	X	113.60229	150.01351	257.25775	9.03542	0.1512406	0.18028899	3.1032964	21	2 18.7	20.0
372261 2008 UL_{242}	15.8	X	96.97375	242.88175	140.12139	12.28706	0.1049602	0.17504209	3.1650050	21	—	—
372262 2008 UK_{245}	16.0	X	85.99540	322.33725	18.91052	6.17345	0.0497860	0.15851765	3.3813046	21	—	—
372263 2008 UX_{253}	16.2	X	95.31051	359.00409	43.27264	3.86182	0.1049418	0.17553948	3.1590234	21	1 21.1	20.5
372264 2008 UE_{254}	16.2	X	181.75531	83.54431	230.72932	1.49098	0.1597429	0.17850598	3.1239270	21	1 12.7	21.3
372265 2008 UA_{258}	16.0	X	77.76790	358.91760	46.35768	6.91548	0.1180049	0.17123081	3.2117971	21	1 3.5	20.2
372266 2008 UM_{277}	15.7	X	32.68375	249.16709	217.93284	11.60696	0.0647781	0.17579781	3.1559280	21	1 7.1	20.0
372267 2008 UF_{282}	16.7	X	89.84522	262.08890	152.99055	1.15797	0.1697239	0.17509728	3.1643398	21	2 6.6	20.7
372268 2008 UR_{285}	16.2	X	82.82576	199.88077	179.37381	1.64822	0.0808701	0.16971262	3.2309232	21	—	—
372269 2008 UQ_{292}	16.3	X	251.51712	9.88884	346.13081	8.66711	0.1676797	0.21165235	2.7886071	21	4 26.0	20.7
372270 2008 UW_{296}	17.0	X	60.71409	77.14675	29.22454	3.22293	0.3020180	0.17587636	3.1549882	21	3 20.1	20.3
372271 2008 UC_{304}	15.7	X	91.04812	186.74455	253.56046	9.70809	0.2387712	0.18164785	3.0878003	21	3 15.4	20.2
372272 2008 UG_{307}	16.1	X	145.03779	56.12492	306.44712	6.73979	0.0324961	0.17687681	3.1430801	21	1 22.2	20.6
372273 2008 UN_{310}	15.7	X	138.51735	104.82236	291.54665	9.68746	0.0843190	0.18524362	3.0477117	21	2 24.6	20.4
372274 2008 UH_{324}	15.4	X	91.03366	64.04525	343.76833	8.88713	0.0767771	0.17713789	3.1399910	21	1 19.2	19.7
372275 2008 UG_{331}	16.5	X	124.33858	41.59260	9.07841	8.60741	0.0758621	0.18611094	3.0382356	21	3 2.9	20.8
372276 2008 UQ_{337}	16.3	X	175.22708	288.23476	45.65883	3.51206	0.0941164	0.18260853	3.0769611	21	1 26.3	21.0
372277 2008 UK_{341}	16.1	X	167.36889	119.03613	216.76357	6.61474	0.1857862	0.17774660	3.1328181	21	1 24.8	21.4
372278 2008 UF_{343}	15.5	X	170.82673	306.05296	9.66275	9.99664	0.2134042	0.17528901	3.1620320	21	1 10.7	20.9
372279 2008 UQ_{343}	15.6	X	131.00181	136.02055	224.58424	8.02992	0.1315882	0.17423034	3.1748280	21	1 14.6	20.4
372280 2008 UH_{345}	16.4	X	121.91882	313.63786	47.28873	1.81124	0.1683451	0.17369986	3.1812886	21	1 11.9	21.0
372281 2008 UZ_{350}	16.1	X	102.10452	266.07220	173.93730	3.04290	0.0982332	0.18146023	3.0899284	21	3 13.4	20.4
372282 2008 UW_{351}	15.7	X	68.80089	278.00025	135.49650	13.00852	0.2676739	0.16400609	3.3054409	21	1 21.2	19.5
372283 2008 UN_{352}	15.8	X	109.65422	289.50742	90.80079	10.88898	0.2243453	0.17427761	3.1742538	21	1 29.6	20.4
372284 2008 UZ_{360}	16.0	X	116.46924	3.11410	45.09599	6.11397	0.1323560	0.18089663	3.0963430	21	2 27.5	20.5
372285 2008 UF_{361}	15.7	X	75.94987	299.66093	149.48111	16.23277	0.2403974	0.17990132	3.1077529	21	3 13.4	19.6
372286 2008 UN_{368}	16.2	X	97.05181	317.39334	97.68275	2.01652	0.0608000	0.17529192	3.1619970	21	2 1.1	20.6
372287 2008 UU_{368}	16.2	X	59.72889	259.56839	176.70297	5.04052	0.1868219	0.17160837	3.2070846	21	1 20.7	19.9
372288 2008 VU_{1}	15.5	X	155.00238	355.23420	6.79945	14.29163	0.1532881	0.18351900	3.0667758	21	2 16.9	20.5
372289 2008 VL_{3}	15.3	X	59.46863	194.59033	239.12088	27.42505	0.1799959	0.17351305	3.1835715	21	1 8.5	19.5
372290 2008 VN_{5}	15.4	X	17.26826	173.97106	308.94665	10.59279	0.0155667	0.17899382	3.1182482	21	1 9.3	19.7
372291 2008 VM_{8}	15.6	X	114.01714	161.12576	266.10426	8.35120	0.0530629	0.18470428	3.0536417	21	3 1.3	20.1
372292 2008 VQ_{17}	16.5	X	145.78731	349.77200	78.82549	2.76213	0.2715063	0.19020290	2.9945021	21	5 1.1	21.6
372293 2008 VR_{24}	15.8	X	103.67138	339.98890	82.84797	10.74506	0.2216428	0.17841120	3.1250332	21	3 17.5	20.5
372294 2008 VE_{25}	15.9	X	146.67994	329.74973	47.78498	19.58544	0.2158654	0.18459721	3.0548223	21	3 9.7	21.2
372295 2008 VN_{38}	16.3	X	135.98458	107.70990	323.21586	2.42398	0.1643761	0.18697831	3.0288323	21	4 15.5	21.1
372296 2008 VD_{54}	15.6	X	108.34049	153.20506	259.12468	15.41466	0.1032711	0.17802874	3.1295073	21	2 9.9	20.3
372297 2008 VF_{57}	16.4	X	156.85564	146.82954	219.94430	7.76844	0.2660545	0.18437765	3.0572470	21	2 23.6	21.8
372298 2008 VQ_{59}	15.6	X	149.53014	303.35305	53.19216	11.10144	0.2053480	0.18093144	3.0959458	21	2 9.1	20.7
372299 2008 VN_{73}	16.0	X	268.13472	92.55332	72.67860	6.42448	0.0059735	0.15980766	3.3630835	21	—	—
372300 2008 VU_{77}	16.0	X	114.11904	331.68981	63.02090	4.26211	0.2277165	0.17638166	3.1489597	21	2 20.7	20.7
372301 2008 WA_{12}	16.1	X	173.90871	98.73649	229.20333	6.27675	0.1809556	0.17879066	3.1206100	21	1 21.2	21.3
372302 2008 WO_{15}	16.6	X	155.39812	170.76916	144.21904	1.50946	0.1559777	0.17508691	3.1644647	21	—	—
372303 2008 WT_{58}	17.2	X	24.56633	29.77358	248.13628	18.55524	0.0555345	0.36506650	1.9388970	21	8 3.4	19.5
372304 2008 WP_{60}	15.3	X	82.68633	184.02244	235.77977	8.37673	0.0694086	0.17404766	3.1770490	21	1 18.4	19.7
372305 Bourdeille	16.9	X	79.51749	295.34811	141.66933	0.47995	0.1814020	0.17759887	3.1345552	21	2 20.7	20.9
372306 2008 WB_{63}	16.1	X	161.10995	91.07183	245.61343	19.44685	0.3076924	0.18068497	3.0987606	21	1 23.4	21.9
372307 2008 WR_{66}	16.8	X	74.60704	292.40588	147.88157	0.61009	0.2103052	0.17445584	3.1720915	21	2 22.4	20.7
372308 2008 WT_{67}	16.4	X	122.72528	225.96741	191.07914	1.20420	0.1851220	0.18148888	3.0896031	21	3 20.2	21.0
372309 2008 WW_{88}	15.5	X	103.57344	149.08137	244.55913	11.77387	0.1055980	0.17322208	3.1871357	21	1 17.7	20.1
372310 2008 WR_{94}	16.2	X	155.74144	300.25329	62.79752	1.71043	0.2830131	0.18285216	3.0742273	21	2 23.3	21.5
372311 2008 WM_{107}	15.8	X	89.18331	157.40758	267.82273	9.62438	0.0576795	0.17667147	3.1455150	21	1 30.6	20.2
372312 2008 WL_{111}	16.4	X	50.49194	58.06042	33.60401	1.18077	0.1537874	0.17093332	3.2155225	21	1 22.8	20.2
372313 2008 WT_{111}	16.0	X	122.55855	72.58534	269.04361	3.61623	0.0560229	0.16514261	3.2902580	21	—	—
372314 2008 WN_{135}	15.3	X	143.68416	120.76111	253.44627	16.61177	0.0687233	0.17531172	3.1617589	21	2 1.2	20.3
372315 2008 WT_{140}	16.5	X	116.80757	232.84656	166.96056	13.47257	0.2620810	0.18047610	3.1011510	21	3 2.6	21.2
372316 2008 XM_{3}	15.6	X	135.81487	83.03356	260.31193	14.46871	0.2198470	0.17267665	3.1938435	21	1 9.3	20.7
372317 2008 XS_{14}	16.6	X	215.52371	36.64682	339.67389	1.19336	0.1325901	0.19580938	2.9370661	21	4 22.6	21.3
372318 2008 XC_{35}	15.6	X	48.74260	152.71525	291.76058	5.36503	0.0720411	0.16919297	3.2375352	21	1 6.1	19.6
372319 2008 XP_{47}	16.7	X	102.63229	356.21718	28.16516	0.73812	0.1427129	0.17120507	3.2121190	21	1 14.3	21.2
372320 2008 XL_{52}	15.9	X	99.65782	327.27505	88.71850	6.29896	0.1771049	0.17455778	3.1708564	21	2 23.9	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372321 2008 YR_3	16.3	X	109.26556	344.95997	57.60124	2.21688	0.1679647	0.17668919	3.1453047	21	2 16.0	20.7
372322 2008 YD_9	15.4	X	88.32165	163.25765	260.85614	17.29883	0.0760165	0.18036149	3.1024646	21	1 26.8	19.8
372323 2008 YO_{12}	15.4	X	221.26007	45.29760	261.29431	10.41702	0.0696736	0.17827563	3.1266174	21	2 4.9	20.4
372324 2008 YN_{23}	16.5	X	98.22251	250.73721	185.54808	0.56642	0.1850815	0.17713618	3.1400112	21	3 16.9	21.0
372325 2009 AV_{15}	17.7	X	87.75610	173.26563	341.99849	7.01577	0.1917911	0.34258233	2.0228301	21	6 4.5	19.8
372326 2009 AN_{46}	15.1	X	111.04328	252.09681	359.08038	5.82606	0.1291100	0.12613378	3.9377526	21	10 18.9	21.1
372327 2009 BQ_{14}	15.9	X	103.36185	115.03203	288.51753	17.67836	0.2632709	0.17318327	3.1876118	21	2 15.8	20.7
372328 2009 BH_{68}	17.9	X	235.64882	272.70110	322.45066	4.95342	0.1479739	0.30565091	2.1826575	21	—	—
372329 2009 BL_{75}	18.1	X	271.19908	73.84875	311.40497	18.60359	0.0857949	0.35719277	1.9672865	21	7 14.7	20.2
372330 2009 BW_{76}	17.3	X	136.84603	206.25697	307.09402	16.31360	0.0876878	0.35340748	1.9813090	21	7 26.7	19.4
372331 2009 BU_{142}	17.8	X	253.74027	89.73940	322.79238	17.52886	0.1053459	0.35701526	1.9679385	21	7 28.5	19.8
372332 2009 BY_{178}	17.5	X	192.36390	269.37178	357.72217	5.95115	0.1611598	0.29770642	2.2213172	21	—	—
372333 2009 CS_{24}	15.4	X	15.03948	250.26000	329.61552	11.10628	0.0159082	0.17772761	3.1330413	21	4 29.7	19.9
372334 2009 CK_{53}	17.3	X	100.08445	223.65886	319.14227	16.77269	0.0582704	0.35124364	1.9894380	21	7 19.2	19.4
372335 2009 DJ_4	17.3	X	229.90451	65.03845	352.65934	19.99028	0.0642055	0.35160464	1.9880760	21	7 9.9	20.1
372336 2009 DQ_{13}	18.1	X	243.84685	339.57828	256.88671	3.76093	0.1188893	0.30602065	2.1808990	21	—	—
372337 2009 DF_{82}	18.0	X	143.97353	216.73571	56.18990	3.90372	0.1981562	0.28751715	2.2734926	21	—	—
372338 2009 DQ_{82}	17.8	X	221.73736	83.02391	160.44398	7.52849	0.1696385	0.29990175	2.2104637	21	—	—
372339 2009 DS_{82}	18.1	X	307.69655	69.70132	124.56479	2.89991	0.0649946	0.31127858	2.1562704	21	—	—
372340 2009 DY_{93}	17.2	X	178.16253	110.57748	151.94037	9.43797	0.1991054	0.29305670	2.2447516	21	—	—
372341 2009 DG_{94}	17.6	X	243.73192	141.72182	67.66273	4.85565	0.1549688	0.29927218	2.2135626	21	—	—
372342 2009 DF_{97}	17.3	X	93.27110	262.43583	0.51457	9.29774	0.3653153	0.27280564	2.3545097	21	11 17.3	21.7
372343 2009 EL_{25}	18.4	X	183.40075	270.71052	338.53679	2.54486	0.1466193	0.29242065	2.2480054	21	—	—
372344 2009 EG_{28}	17.7	X	123.15225	187.37315	94.22881	4.46550	0.2179464	0.28095076	2.3087801	21	12 28.7	21.6
372345 2009 FG_{21}	18.4	X	277.57266	192.73949	2.20732	3.32458	0.0696313	0.30420505	2.1895680	21	—	—
372346 2009 FA_{23}	18.0	X	189.41477	143.92200	118.75503	4.93647	0.1626904	0.29672274	2.2262238	21	—	—
372347 2009 FK_{31}	17.0	X	140.04964	98.18204	183.30581	21.83826	0.2495060	0.28615781	2.2806868	21	—	—
372348 2009 FS_{36}	19.0	X	254.16404	162.27399	71.89790	3.55950	0.1264512	0.30625296	2.1797960	21	—	—
372349 2009 FF_{46}	17.7	X	156.34941	186.89250	58.31785	3.35822	0.1991830	0.28419084	2.2911982	21	12 12.2	21.2
372350 2009 FT_{47}	17.6	X	162.19650	209.94806	76.13785	3.67561	0.2379880	0.29143596	2.2530662	21	—	—
372351 2009 FV_{66}	17.8	X	206.38417	135.90108	94.53509	4.04709	0.0856038	0.29137654	2.2533725	21	—	—
372352 2009 FA_{71}	18.5	X	187.92972	79.07608	185.40480	4.92893	0.1581630	0.29432972	2.2382743	21	—	—
372353 2009 FG_{71}	18.1	X	147.27919	177.03624	93.89374	3.76198	0.2197814	0.28400914	2.2921753	21	—	—
372354 2009 FD_{74}	18.2	X	206.06268	41.83764	201.74771	5.85879	0.1172535	0.29475001	2.2361460	21	—	—
372355 2009 HL_1	17.9	X	157.68909	175.88312	71.94129	1.72458	0.1971119	0.28506870	2.2864920	21	12 16.9	21.5
372356 2009 HY_5	18.1	X	212.11130	84.23411	140.63650	4.80926	0.1158008	0.29230469	2.2485999	21	—	—
372357 2009 HZ_{13}	17.5	X	119.51781	109.33763	144.92951	10.03263	0.2053848	0.27468553	2.3437549	21	11 24.3	21.5
372358 2009 HR_{21}	18.1	X	191.84034	19.05724	228.78603	2.53513	0.1527671	0.29251756	2.2475089	21	—	—
372359 2009 HN_{29}	17.9	X	164.64039	173.10737	87.98717	6.96200	0.1201920	0.29053556	2.2577188	21	—	—
372360 2009 HX_{42}	18.1	X	131.71597	166.57057	107.35028	2.87707	0.1495204	0.28240885	2.3008264	21	12 26.5	21.6
372361 2009 HC_{47}	17.9	X	144.94599	272.85915	31.06530	6.68835	0.2229714	0.29260765	2.2470476	21	—	—
372362 2009 HK_{77}	18.4	X	225.15472	248.76513	328.23644	0.35265	0.1812369	0.29388469	2.2405333	21	—	—
372363 2009 HX_{93}	17.4	X	145.53396	99.62250	128.18239	8.58253	0.1907348	0.27525110	2.3405432	21	11 13.9	21.3
372364 2009 HE_{102}	18.1	X	258.22709	138.57331	70.98258	2.16373	0.1483141	0.29746528	2.2225175	21	—	—
372365 2009 JH_2	17.5	X	125.06671	208.29707	44.47427	5.92652	0.2066511	0.27612961	2.3355763	21	11 24.1	21.2
372366 2009 JQ_6	17.2	X	124.31843	221.56894	106.72877	8.67575	0.2191065	0.28809346	2.2704596	21	—	—
372367 2009 KP_7	17.9	X	159.27041	249.03461	46.96797	6.01391	0.1778700	0.29212209	2.2495369	21	—	—
372368 2009 KR_{20}	17.5	X	113.52032	196.87181	87.20268	5.11771	0.1642455	0.27645324	2.3337532	21	12 21.7	21.2
372369 2009 LC	16.0	X	13.63712	103.19360	264.13697	20.65239	0.3195633	0.25736444	2.4477686	21	—	—
372370 2009 LM_1	17.6	X	95.46877	240.27573	151.91276	6.99866	0.1098443	0.29795426	2.2200853	21	—	—
372371 2009 MK	16.4	X	62.27810	51.24843	281.97713	13.90060	0.1791263	0.26625031	2.3929996	21	—	—
372372 2009 OO_4	17.6	X	36.75695	201.42220	108.37498	2.52505	0.1787082	0.25778706	2.4450926	21	10 31.8	20.5
372373 2009 OV_4	17.0	X	58.28999	346.22005	343.96501	3.56433	0.1949760	0.26381683	2.4076927	21	12 26.6	20.4
372374 2009 OK_{21}	17.0	X	16.99724	184.41345	156.34837	2.72970	0.1977183	0.25692748	2.4505431	21	11 15.7	19.4
372375 2009 OJ_{22}	16.4	X	63.60165	10.35302	278.46572	14.13355	0.1338327	0.25671896	2.4518699	21	10 26.1	20.0
372376 2009 OC_{25}	16.9	X	59.20432	315.78816	8.31801	10.47527	0.2654032	0.26251329	2.4156565	21	12 27.8	20.8
372377 2009 PN_4	16.9	X	36.23379	199.22235	178.53006	8.66030	0.2783851	0.26359030	2.4090719	21	—	—
372378 2009 PP_4	17.7	X	341.81729	87.03000	294.54184	7.93920	0.2622412	0.25190281	2.4830228	21	11 3.7	19.4
372379 2009 PW_9	17.7	X	56.11758	142.87966	214.83775	5.48930	0.2882305	0.26559631	2.3969264	21	—	—
372380 2009 PQ_{11}	16.6	X	45.85226	33.98662	339.63514	7.17303	0.1781384	0.26468406	2.4024306	21	—	—
372381 2009 PC_{12}	17.1	X	25.29757	26.66452	320.41977	6.19449	0.1285721	0.25691840	2.4506008	21	11 23.9	20.0
372382 2009 PA_{14}	17.3	X	62.08951	50.63311	260.33989	5.29193	0.1439495	0.26170123	2.4206512	21	11 29.3	20.6
372383 2009 PX_{16}	16.3	X	100.70195	206.28720	348.50143	14.09613	0.0326384	0.23805716	2.5783897	21	8 1.4	19.9
372384 2009 PA_{20}	17.8	X	334.04508	74.78689	340.53260	4.22713	0.2056751	0.25535507	2.4605927	21	12 8.7	19.8
372385 2009 QY_9	16.8	X	302.39991	5.51951	336.98680	3.01336	0.2874448	0.23428639	2.6059816	21	5 21.8	20.1
372386 2009 QK_{12}	17.7	X	334.87837	155.87168	208.11468	3.04645	0.1720642	0.24689819	2.5164644	21	9 16.1	19.8
372387 2009 QK_{14}	17.7	X	349.06300	78.13982	203.30117	2.79178	0.2405895	0.23681440	2.5874024	21	5 31.8	19.6
372388 2009 QB_{15}	17.9	X	354.28828	332.90473	339.75315	7.71245	0.2280973	0.24277796	2.5448560	21	8 12.5	19.7
372389 2009 QJ_{15}	17.4	X	344.17537	137.16868	219.58267	0.66402	0.1117326	0.24664604	2.5181791	21	9 25.4	19.8
372390 2009 QH_{21}	17.2	X	349.35412	3.63979	351.21603	4.04973	0.2011973	0.25034509	2.4933122	21	10 7.2	19.1
372391 2009 QK_{31}	17.2	X	326.61349	332.18223	347.05968	9.56169	0.2078328	0.23762113	2.5815429	21	6 12.8	20.0
372392 2009 QC_{34}	16.2	X	300.90999	20.05996	324.95471	17.08676	0.1884450	0.23219640	2.6215958	21	6 9.1	19.8
372393 2009 QM_{34}	17.7	X	96.67459	332.48525	298.18502	1.11317	0.2228734	0.26194216	2.4191666	21	11 21.5	21.7
372394 2009 QW_{34}	16.1	X	277.69624	82.42699	283.19091	21.00730	0.0750671	0.23309948	2.6148203	21	6 24.7	19.7
372395 2009 QH_{35}	17.2	X	237.52524	265.74116	170.40103	11.59394	0.0997682	0.23982217	2.5657234	21	8 1.4	21.0
372396 2009 QN_{44}	17.7	X	308.28529	172.38190	175.79341	5.72851	0.2900776	0.23785005	2.5798862	21	6 8.7	20.7
372397 2009 QU_{44}	17.2	X	229.37222	172.64348	345.05457	2.16442	0.1346052	0.25624535	2.4548901	21	11 6.1	20.5
372398 2009 QS_{58}	17.1	X	352.78476	199.75623	202.44396	5.98191	0.1248285	0.25914829	2.4365228	21	12 20.2	19.7
372399 2009 QN_{62}	16.9	X	352.01509	286.30684	342.05394	12.71530	0.1624846	0.23193285	2.6235814	21	5 20.6	19.8
372400 2009 RM_3	16.9	X	84.76563	98.28413	210.57496	13.82601	0.2765126	0.26386615	2.4073927	21	12 29.9	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372401 2009 RX_9	16.6	X	235.93391	249.97972	189.75298	21.80556	0.0773971	0.23600465	2.5933174	21	8 4.5	20.7
372402 2009 RZ_{11}	16.2	X	168.43759	92.09187	9.71431	14.37183	0.0504676	0.22649834	2.6653814	21	6 18.6	20.3
372403 2009 RN_{12}	16.9	X	324.35836	266.58169	10.80896	12.95501	0.1263498	0.22440014	2.6819703	21	4 19.9	20.2
372404 2009 RP_{15}	16.7	X	276.30797	344.50948	19.64818	5.04066	0.0936389	0.22989946	2.6390285	21	6 16.5	20.2
372405 2009 RB_{17}	17.4	X	254.82351	333.63592	42.31820	2.51575	0.2063840	0.22760217	2.6567567	21	5 23.0	21.6
372406 2009 RE_{23}	17.4	X	84.45228	47.53540	221.75669	5.88724	0.1007948	0.25695232	2.4503852	21	10 26.0	20.7
372407 2009 RF_{33}	16.1	X	305.05697	350.16983	17.82800	13.40482	0.1764793	0.23597866	2.5935078	21	7 27.4	19.3
372408 2009 RD_{36}	17.4	X	22.33458	66.84131	302.66402	5.24160	0.1245985	0.26135405	2.4227944	21	12 22.2	20.1
372409 2009 RW_{36}	17.6	X	318.37206	31.66227	333.35639	14.12398	0.1936726	0.24238847	2.5475815	21	8 12.5	20.1
372410 2009 RD_{43}	17.1	X	263.67803	44.04573	331.59477	5.05301	0.2259308	0.22974257	2.6402298	21	5 28.6	21.1
372411 2009 RE_{43}	16.9	X	280.53878	12.11057	292.77012	3.97328	0.0067617	0.21718087	2.7410797	21	4 15.7	20.8
372412 2009 RP_{43}	17.3	X	319.00459	53.70524	276.28504	3.17844	0.2319725	0.23573615	2.5952862	21	6 10.8	20.0
372413 2009 RK_{45}	17.3	X	268.37492	104.28798	247.91678	1.76114	0.0834837	0.22533952	2.6745115	21	5 22.9	21.0
372414 2009 RZ_{46}	17.1	X	200.62685	273.41409	195.97894	11.04083	0.2607835	0.22884543	2.6471256	21	7 25.8	21.9
372415 2009 RX_{47}	16.3	X	17.11578	267.42065	11.43963	6.54116	0.0822115	0.23485481	2.6017750	21	7 31.3	19.3
372416 2009 RN_{49}	16.2	X	240.32240	38.88502	12.27239	16.63064	0.1303254	0.22932104	2.6434643	21	7 2.1	20.5
372417 2009 RO_{49}	17.2	X	248.98614	221.59230	195.84058	7.15817	0.2959796	0.23049080	2.6345128	21	6 30.0	21.6
372418 2009 RD_{51}	17.3	X	271.62175	331.70766	24.33911	4.26440	0.0797633	0.22564300	2.6721129	21	6 1.1	21.0
372419 2009 RE_{60}	16.4	X	267.16481	27.19914	323.60348	13.77835	0.1275020	0.22645845	2.6656944	21	5 7.9	20.5
372420 2009 RW_{61}	17.2	X	26.79763	345.45813	49.82306	2.42943	0.2196633	0.26207610	2.4183423	21	—	—
372421 2009 SO_1	17.3	X	324.18432	283.87459	21.75218	3.33107	0.2866327	0.23538670	2.5978542	21	5 4.4	20.1
372422 2009 SP_{16}	16.8	X	295.30195	169.69857	185.13853	15.91952	0.1705042	0.23378549	2.6097026	21	6 18.2	20.4
372423 2009 SG_{25}	17.0	X	193.79516	263.77065	190.31044	12.16125	0.1418467	0.22931070	2.6435438	21	7 5.7	21.4
372424 2009 SB_{31}	17.8	X	275.18168	325.45453	95.53094	1.93656	0.0745314	0.24052728	2.5607066	21	9 6.7	20.9
372425 2009 SM_{34}	17.4	X	326.50347	129.72274	205.65469	11.96707	0.2147106	0.23711409	2.5852218	21	7 5.6	20.1
372426 2009 SP_{35}	16.7	X	311.64286	268.33808	3.86957	8.87467	0.1074946	0.21718895	2.7410118	21	3 31.3	20.2
372427 2009 ST_{35}	16.1	X	304.44326	336.52394	6.56942	10.18842	0.1763043	0.23248447	2.6194297	21	6 13.5	19.5
372428 2009 ST_{36}	17.6	X	333.78141	300.16108	354.58470	4.09362	0.2073273	0.23124576	2.6287757	21	5 20.7	20.2
372429 2009 SY_{36}	16.8	X	158.54660	291.66103	209.99628	9.17440	0.0240645	0.23224698	2.6212151	21	7 27.0	20.5
372430 2009 SE_{42}	16.7	X	254.57406	309.65830	34.88614	9.39243	0.1707555	0.21762759	2.7373274	21	4 18.2	20.8
372431 2009 SG_{42}	16.7	X	242.42411	333.34192	35.83466	6.85183	0.0805619	0.21781743	2.7357367	21	5 13.7	20.7
372432 2009 SQ_{46}	17.2	X	322.83196	291.55191	0.87202	6.43680	0.1831318	0.22648356	2.6654974	21	4 30.4	20.3
372433 2009 SM_{48}	17.4	X	253.68796	101.38331	226.56113	4.10276	0.1705746	0.21714359	2.7413934	21	3 25.9	21.8
372434 2009 SO_{48}	16.6	X	20.80214	242.49328	304.60783	2.72937	0.0373570	0.20946581	2.8079797	21	3 26.5	20.4
372435 2009 SE_{49}	16.8	X	299.94272	91.64033	296.88273	10.18502	0.2025696	0.23798847	2.5788858	21	8 6.3	19.6
372436 2009 SK_{53}	17.1	X	322.04719	67.43372	267.98416	2.29754	0.1869458	0.23746226	2.5826942	21	7 2.8	19.7
372437 2009 SX_{54}	17.6	X	227.41968	73.89089	343.34530	6.67755	0.0690557	0.23271935	2.6176669	21	6 30.7	21.4
372438 2009 SU_{70}	16.5	X	251.72267	269.04951	61.70726	6.27270	0.0429290	0.21431806	2.7654355	21	4 12.6	20.4
372439 2009 SJ_{71}	17.3	X	152.03161	146.66627	339.44836	2.05330	0.1875381	0.22669654	2.6638276	21	7 9.8	21.6
372440 2009 SY_{71}	18.0	X	313.68740	72.05410	346.77603	5.47555	0.0984822	0.25130795	2.4869395	21	10 30.1	20.8
372441 2009 SS_{72}	17.3	X	67.61854	343.47255	219.78757	2.72976	0.0909874	0.23089043	2.6314721	21	7 1.9	20.6
372442 2009 SV_{72}	17.4	X	325.29056	7.82425	300.99715	2.06832	0.0453294	0.23170851	2.6252745	21	6 18.1	20.5
372443 2009 SV_{73}	17.1	X	144.78597	292.61503	142.11322	5.13053	0.0532823	0.21241009	2.7819712	21	4 19.7	21.0
372444 2009 SL_{86}	16.8	X	180.25262	97.18417	335.86117	5.89061	0.1086142	0.22020183	2.7159520	21	5 26.5	21.0
372445 2009 SJ_{92}	17.1	X	150.79218	143.94320	301.62033	5.24074	0.0387181	0.22056585	2.7129630	21	5 4.8	21.1
372446 2009 SS_{95}	16.6	X	307.53920	275.96568	5.72940	6.50483	0.0928551	0.22120365	2.7077456	21	4 8.7	20.0
372447 2009 SC_{96}	16.8	X	301.80336	341.55949	27.03836	7.16363	0.2979710	0.23684301	2.5871941	21	6 25.8	19.9
372448 2009 SV_{96}	17.0	X	210.76115	190.13718	209.24195	3.73995	0.0817273	0.21525879	2.7573726	21	5 18.2	21.0
372449 2009 SP_{100}	16.9	X	308.07760	155.34456	182.75423	10.71262	0.1352397	0.23224566	2.6212250	21	6 20.2	20.3
372450 2009 SV_{104}	14.9	X	2.10853	200.40694	290.35220	26.73117	0.1185422	0.17851942	3.1237701	21	—	—
372451 2009 SK_{114}	17.3	X	303.13190	45.72636	333.32903	5.64847	0.1157650	0.23975123	2.5662294	21	8 14.5	20.0
372452 2009 SK_{124}	16.7	X	309.72965	298.82459	347.10072	8.60686	0.0787612	0.22067006	2.7121088	21	4 17.1	20.3
372453 2009 SD_{125}	16.9	X	304.29293	37.17988	312.74557	3.82597	0.1526361	0.23397631	2.6082835	21	6 28.5	19.9
372454 2009 SP_{127}	17.4	X	265.18306	92.27300	327.51780	3.69071	0.1081899	0.23716066	2.5848833	21	8 15.4	20.6
372455 2009 SF_{131}	17.0	X	221.11312	311.06788	54.94673	4.80020	0.0769280	0.21634894	2.7481021	21	4 17.9	21.0
372456 2009 SL_{134}	17.0	X	284.00452	236.47358	158.32976	5.34719	0.1582957	0.23588503	2.5941941	21	7 29.1	20.2
372457 2009 SX_{134}	17.2	X	228.07775	24.26881	2.27890	4.78531	0.0852146	0.22178500	2.7030118	21	5 18.6	21.2
372458 2009 SR_{135}	16.8	X	267.10560	350.17625	12.27174	12.17963	0.1863164	0.22705140	2.6610514	21	5 17.5	20.9
372459 2009 SF_{136}	17.9	X	261.58003	183.25223	224.39188	2.32022	0.1599552	0.23259742	2.6185817	21	7 16.5	21.4
372460 2009 SM_{138}	17.4	X	269.76439	340.98049	26.65175	3.42668	0.1207170	0.22750728	2.6574954	21	6 8.6	21.0
372461 2009 SV_{138}	16.7	X	245.54622	324.03424	40.65751	6.82128	0.0834007	0.21795139	2.7346156	21	5 11.5	20.6
372462 2009 SH_{141}	16.9	X	340.77516	329.73289	0.18303	7.08370	0.1898139	0.23964693	2.5669740	21	8 7.7	19.1
372463 2009 SE_{145}	17.2	X	142.37527	309.42153	167.52303	9.57171	0.0426654	0.22642845	2.6659298	21	6 8.3	21.1
372464 2009 SE_{147}	17.0	X	247.84770	289.98823	86.37581	2.92268	0.1409670	0.22401419	2.6850499	21	5 23.7	21.1
372465 2009 SF_{154}	17.5	X	267.65593	232.81579	187.23235	10.72191	0.2060562	0.23725099	2.5842272	21	8 1.2	21.3
372466 2009 SJ_{156}	17.5	X	312.72120	344.39159	28.67058	4.29028	0.1068366	0.23973167	2.5663691	21	8 24.8	20.3
372467 2009 SH_{157}	16.2	X	319.83425	320.09787	19.73052	12.09950	0.1344966	0.23441964	2.6049940	21	7 16.4	19.3
372468 2009 SX_{157}	16.5	X	14.05652	88.74268	201.82015	11.28084	0.1160837	0.23498913	2.6007835	21	8 8.4	19.6
372469 2009 SE_{160}	17.8	X	208.84504	153.54243	294.62749	2.89911	0.0966863	0.22889176	2.6467684	21	7 17.2	21.6
372470 2009 SK_{170}	17.0	X	215.51934	59.77778	4.84464	9.80100	0.1362822	0.22879200	2.6475377	21	6 20.9	21.3
372471 2009 SL_{172}	17.1	X	188.51070	7.77607	76.27823	4.88723	0.0974607	0.22644559	2.6657953	21	6 19.5	21.1
372472 2009 SX_{183}	17.1	X	195.12723	63.47241	336.24355	6.04657	0.1354400	0.21660927	2.7458998	21	4 28.5	21.5
372473 2009 SB_{184}	17.0	X	339.47554	35.89544	314.09074	4.04669	0.1693988	0.24160381	2.5530943	21	9 3.2	19.1
372474 2009 SW_{184}	17.1	X	280.13789	35.51470	307.50407	3.97447	0.0276025	0.22497056	2.6774349	21	6 3.1	20.7
372475 2009 SK_{185}	17.0	X	261.15447	117.89028	329.57200	4.59238	0.1138421	0.24101984	2.5572166	21	9 14.9	20.2
372476 2009 SN_{200}	17.6	X	326.56930	74.90350	311.85072	2.12986	0.0911768	0.24532070	2.5272406	21	10 6.7	20.3
372477 2009 SH_{203}	16.7	X	356.97586	62.09175	177.15334	8.98617	0.0787544	0.21885205	2.7271078	21	5 1.2	20.0
372478 2009 SC_{204}	17.6	X	286.73051	191.46212	203.39455	11.81469	0.1904029	0.23638556	2.5905308	21	7 25.2	21.1
372479 2009 SD_{204}	16.5	X	198.22283	62.60053	16.46944	12.94336	0.1478299	0.22381630	2.6866323	21	6 21.6	21.0
372480 2009 SA_{206}	16.1	X	199.21763	96.46554	24.86346	22.16869	0.0931825	0.23338023	2.6127228	21	9 1.1	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372481 2009 SU_{209}	17.1	X	159.91873	245.11321	208.87947	4.15262	0.0794633	0.22120421	2.7077410	21	6 1.2	21.1
372482 2009 SX_{210}	16.9	X	214.44087	72.70091	15.57968	8.00997	0.0859052	0.23175405	2.6249306	21	7 27.2	20.8
372483 2009 SE_{211}	16.3	X	334.38552	303.16199	16.35671	11.92827	0.0811520	0.23366547	2.6105961	21	7 18.1	19.6
372484 2009 SY_{213}	17.5	X	297.50191	297.39807	40.15785	1.79473	0.2184510	0.23115338	2.6294760	21	5 20.3	20.8
372485 2009 SL_{216}	17.3	X	303.93900	304.35975	10.98226	3.11238	0.0417064	0.22730341	2.6590842	21	5 26.8	20.6
372486 2009 SG_{222}	16.9	X	236.43264	75.59200	324.89623	4.59999	0.1216786	0.22933959	2.6433218	21	6 12.8	20.9
372487 2009 SH_{225}	16.4	X	212.47180	59.91862	332.56346	4.94384	0.0243348	0.22345053	2.6895634	21	5 11.1	20.2
372488 2009 SC_{233}	17.3	X	283.08405	0.78465	25.46481	5.97578	0.2654062	0.23454371	2.6040752	21	6 29.8	20.9
372489 2009 SF_{233}	17.2	X	298.17634	191.18057	174.97552	14.51512	0.2166077	0.23414436	2.6070353	21	6 30.2	20.7
372490 2009 SC_{235}	16.4	X	332.73907	14.08835	324.06130	12.88562	0.2715604	0.23823662	2.5770947	21	7 22.4	18.4
372491 2009 SR_{240}	16.3	X	271.42795	110.14983	324.80268	16.27929	0.1080280	0.24270722	2.5453505	21	9 9.2	19.7
372492 2009 SM_{241}	16.2	X	292.99247	57.41516	357.90453	28.31930	0.1801053	0.24104039	2.5570713	21	9 13.5	19.0
372493 2009 SO_{243}	16.9	X	328.14912	69.36135	273.23557	12.63300	0.1959684	0.23982423	2.5657087	21	7 22.9	19.4
372494 2009 SO_{249}	17.9	X	299.00985	211.56562	154.58598	4.15449	0.1376388	0.23532770	2.5982883	21	7 15.1	20.9
372495 2009 SW_{249}	17.2	X	355.09791	36.59747	219.24912	4.22892	0.1087327	0.22300651	2.6931323	21	5 17.5	20.0
372496 2009 SM_{253}	17.8	X	310.56436	283.23772	22.46972	5.14961	0.2295353	0.22839083	2.6506371	21	4 23.3	21.1
372497 2009 SW_{254}	16.5	X	354.37632	200.59263	112.03997	14.18622	0.1839631	0.24297676	2.5434677	21	8 12.1	18.7
372498 2009 SL_{261}	15.7	X	291.38232	336.12048	14.06812	13.70060	0.2595674	0.23010381	2.6374658	21	5 18.9	19.5
372499 2009 SH_{262}	17.0	X	341.81058	268.21415	348.32957	11.20725	0.1573498	0.22391030	2.6858804	21	4 14.1	20.2
372500 2009 SH_{266}	16.7	X	314.80341	41.23895	250.36792	3.72182	0.0617575	0.22021516	2.7158425	21	5 7.5	20.0
372501 2009 SN_{272}	17.6	X	270.85931	77.06749	278.93065	1.66223	0.1391959	0.22593738	2.6697914	21	5 22.9	21.4
372502 2009 SJ_{275}	16.8	X	189.91455	20.72040	35.23819	4.74277	0.1364023	0.21962658	2.7206924	21	5 15.5	21.2
372503 2009 SE_{277}	16.9	X	130.57002	74.82955	32.35249	5.78419	0.1265233	0.21702161	2.7424206	21	5 19.5	20.9
372504 2009 ST_{277}	17.3	X	236.59932	257.94799	162.71497	5.83882	0.1742983	0.23080075	2.6321536	21	7 4.1	21.5
372505 2009 SR_{278}	18.0	X	273.24502	208.27977	167.35853	6.19264	0.1759650	0.23186698	2.6240782	21	6 16.4	21.7
372506 2009 SX_{280}	17.2	X	235.01630	293.05528	170.31657	9.58122	0.1668758	0.23816535	2.5776088	21	8 27.5	21.0
372507 2009 SO_{282}	16.8	X	173.48430	343.37220	71.04867	5.11233	0.0679643	0.21615739	2.7497254	21	4 27.1	20.8
372508 2009 SQ_{283}	16.7	X	282.64193	159.34340	158.64204	6.83402	0.0308465	0.22049632	2.7135333	21	5 6.3	20.4
372509 2009 SZ_{283}	16.8	X	165.69669	332.71014	169.79751	10.99147	0.0442602	0.23397938	2.6082606	21	8 7.9	20.6
372510 2009 SF_{284}	17.0	X	221.16757	320.42651	56.25799	6.80454	0.0744871	0.21919922	2.7242275	21	5 1.3	21.0
372511 2009 SU_{286}	17.1	X	134.16078	143.08707	329.01940	6.46456	0.0525638	0.21891487	2.7265861	21	5 20.9	21.0
372512 2009 SQ_{287}	17.6	X	233.74392	183.76943	258.45774	4.43957	0.2853464	0.23056307	2.6339623	21	7 18.9	22.0
372513 2009 SG_{288}	16.8	X	238.22918	15.67039	347.96787	5.89401	0.0471627	0.21966238	2.7203969	21	5 3.3	20.8
372514 2009 SM_{288}	17.2	X	324.74414	27.19288	281.52379	2.73164	0.1943270	0.23134767	2.6280037	21	5 27.1	19.8
372515 2009 SA_{297}	16.4	X	292.83395	21.85231	345.06806	12.24821	0.1086247	0.23334441	2.6129902	21	7 15.1	19.8
372516 2009 SH_{297}	16.0	X	287.91577	358.18967	350.17755	16.46439	0.1661320	0.22949863	2.6421004	21	5 25.6	20.0
372517 2009 SW_{312}	17.0	X	272.00940	57.22428	343.29803	13.59987	0.2923388	0.23314881	2.6144514	21	7 3.9	21.1
372518 2009 SB_{316}	17.8	X	308.95487	170.46597	192.78801	1.46544	0.2044265	0.23738763	2.5832355	21	7 16.8	20.4
372519 2009 SS_{319}	18.7	X	279.85035	132.84936	288.42519	2.48475	0.3236469	0.23733799	2.5835956	21	8 2.7	22.3
372520 2009 SZ_{326}	16.7	X	295.57848	323.83372	29.47469	5.85695	0.2546647	0.23240599	2.6200194	21	6 1.6	20.2
372521 2009 SS_{337}	16.8	X	275.08798	184.35743	219.27792	13.47698	0.2453140	0.23301845	2.6154264	21	7 12.7	20.8
372522 2009 SF_{342}	17.0	X	206.18684	188.49363	213.87392	5.23142	0.0732094	0.22019765	2.7159865	21	5 17.1	20.9
372523 2009 SN_{342}	16.9	X	149.68991	341.07523	187.44836	7.82426	0.1347633	0.24046174	2.5611719	21	8 26.9	20.9
372524 2009 SU_{342}	17.5	X	321.54450	141.48341	169.74335	5.64973	0.1097848	0.23084224	2.6318382	21	6 8.2	20.6
372525 2009 SC_{344}	16.7	X	240.59902	255.21143	183.38236	16.61971	0.2888845	0.23060320	2.6336567	21	7 18.2	21.4
372526 2009 SN_{344}	17.7	X	204.84142	271.51514	160.83951	2.49498	0.0738742	0.22616279	2.6680172	21	6 23.1	21.7
372527 2009 SQ_{352}	15.1	X	25.35070	211.30695	273.95374	17.11293	0.0571762	0.18058511	3.0999029	21	1 17.3	19.2
372528 2009 SF_{357}	16.6	X	30.79644	242.75517	17.54740	8.97195	0.1458292	0.23086516	2.6316641	21	8 5.5	19.6
372529 2009 ST_{358}	16.1	X	294.05004	39.18556	342.21073	11.66858	0.0826246	0.23453533	2.6041372	21	8 10.4	19.4
372530 2009 SY_{360}	17.0	X	296.22834	57.02544	218.89436	4.09977	0.1435663	0.21319713	2.7751203	21	3 10.4	20.9
372531 2009 SN_{361}	16.9	X	260.04209	359.80072	15.70084	12.44501	0.2382875	0.22575954	2.6711933	21	5 21.2	21.3
372532 2009 SO_{363}	17.4	X	261.91751	340.85624	19.13511	2.71804	0.0864730	0.22815820	2.6524385	21	5 24.1	21.2
372533 2009 TZ	16.1	X	297.00733	37.15667	280.84350	10.46422	0.0591568	0.22214330	2.7001045	21	5 17.3	19.7
372534 2009 TS_{1}	17.4	X	287.36651	173.19710	210.44577	4.93352	0.2412287	0.23595849	2.5936556	21	7 4.7	20.9
372535 2009 TU_{1}	16.7	X	244.89545	40.18508	25.38024	12.86049	0.2430244	0.23122145	2.6289600	21	7 14.9	21.1
372536 2009 TR_{3}	17.0	X	222.42739	192.35231	226.22154	1.87504	0.1714018	0.22458569	2.6804929	21	6 18.1	21.2
372537 2009 TN_{6}	17.8	X	309.59421	12.88078	345.32530	2.39997	0.2256682	0.23714231	2.5850167	21	7 7.4	20.4
372538 2009 TF_{7}	17.2	X	310.73371	10.64818	333.28328	3.20807	0.2459302	0.23490098	2.6014341	21	6 13.9	20.2
372539 2009 TD_{9}	16.5	X	332.33389	322.11610	7.73987	12.55296	0.2778879	0.23735542	2.5834692	21	7 4.8	18.9
372540 2009 TN_{9}	17.1	X	277.78576	340.64606	18.51881	6.29391	0.1076045	0.22887118	2.6469271	21	6 8.9	20.7
372541 2009 TL_{15}	17.6	X	44.85149	303.84626	30.83086	2.92170	0.2066295	0.25604164	2.4561920	21	12 16.9	20.9
372542 2009 TM_{15}	17.5	X	196.96740	283.82395	179.29954	9.27809	0.0738275	0.23077317	2.6323633	21	7 22.9	21.5
372543 2009 TL_{18}	16.8	X	334.67694	338.30895	342.19820	8.72928	0.1967527	0.23727826	2.5840292	21	7 6.8	19.3
372544 2009 TJ_{23}	16.1	X	318.73966	310.62648	41.15788	9.40343	0.1030989	0.23304121	2.6152561	21	8 5.9	19.3
372545 2009 TV_{25}	16.2	X	56.67125	213.87303	323.37859	9.25387	0.0171200	0.21460463	2.7629731	21	4 27.6	20.0
372546 2009 TK_{26}	16.4	X	304.13777	313.78277	35.24212	15.53053	0.1547117	0.23389287	2.6089038	21	6 25.5	19.8
372547 2009 TK_{27}	16.8	X	265.48771	238.67658	137.02153	4.91193	0.1523091	0.22762526	2.6565770	21	6 10.6	20.6
372548 2009 TS_{33}	16.4	X	359.92434	284.52968	1.27422	11.00251	0.1722295	0.23501209	2.6006141	21	7 12.6	19.0
372549 2009 TC_{34}	16.9	X	272.95542	117.35408	295.91983	7.69582	0.1554194	0.23906638	2.5711281	21	8 8.1	20.2
372550 2009 TA_{35}	17.6	X	338.22016	136.88471	188.79056	4.43649	0.3362557	0.23929461	2.5694930	21	7 1.5	19.1
372551 2009 TK_{36}	17.2	X	314.66766	173.83411	198.57654	11.45968	0.1926033	0.23864128	2.5741806	21	8 9.4	20.1
372552 2009 TC_{38}	16.6	X	299.01244	23.75667	330.55855	4.13534	0.2533374	0.23289991	2.6163139	21	6 8.6	19.8
372553 2009 TN_{44}	16.2	X	181.52548	298.79287	139.29814	12.18236	0.1198893	0.21812545	2.7331606	21	6 6.9	20.7
372554 2009 UY_{1}	16.4	X	293.53652	337.09950	358.13441	14.61778	0.1393287	0.22912387	2.6449806	21	5 19.4	20.2
372555 2009 UJ_{2}	16.9	X	289.76519	192.23938	191.46389	13.49373	0.1675860	0.23607429	2.5928074	21	7 18.4	20.4
372556 2009 UG_{3}	16.3	X	134.98655	208.58327	289.48461	10.96168	0.0999174	0.22240167	2.6980129	21	7 2.2	20.3
372557 2009 UG_{4}	17.1	X	238.19697	142.47071	219.10718	3.64760	0.1156259	0.21826678	2.7319807	21	4 26.8	21.0
372558 2009 UG_{5}	17.2	X	230.61303	308.80456	117.35071	6.75785	0.1911974	0.22844947	2.6501835	21	7 4.0	21.5
372559 2009 UX_{12}	17.1	X	313.17193	151.41170	176.68685	5.14757	0.1616877	0.23359938	2.6110885	21	6 10.3	20.1
372560 2009 UH_{15}	17.0	X	313.81146	150.08107	126.50147	5.95104	0.1285501	0.21992708	2.7182136	21	4 9.3	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372561 2009 UM_{17}	17.5	X	207.84539	232.97521	220.64608	4.82747	0.2741622	0.22505779	2.6767430	21	7 13.1	22.3
372562 2009 UN_{20}	16.1	X	308.54427	7.37764	15.68414	22.70564	0.0357607	0.23777686	2.5804156	21	9 16.2	19.6
372563 2009 UC_{33}	17.1	X	258.70970	320.87130	52.84756	6.28591	0.0500316	0.22208389	2.7005860	21	6 12.8	20.9
372564 2009 UH_{36}	16.7	X	224.07899	287.10637	70.21289	2.89769	0.0860495	0.21307409	2.7761885	21	4 10.1	20.8
372565 2009 UL_{39}	16.2	X	279.36241	249.82860	58.99314	10.75754	0.0982467	0.21307493	2.7761812	21	4 12.8	20.2
372566 2009 UU_{39}	16.8	X	300.11723	116.80718	255.23351	2.14473	0.1354377	0.23138509	2.6277203	21	7 25.6	19.7
372567 2009 UF_{46}	16.9	X	248.19521	135.88755	230.63219	4.10238	0.1317490	0.21953502	2.7214488	21	5 12.3	21.0
372568 2009 US_{47}	17.0	X	305.41992	138.38357	234.12076	6.27204	0.1663698	0.23480783	2.6021221	21	7 28.6	20.0
372569 2009 UJ_{49}	16.7	X	273.83517	262.75796	43.17105	5.45530	0.1042895	0.21549224	2.7553808	21	3 30.2	20.6
372570 2009 UF_{52}	16.8	X	292.10355	278.36089	32.45291	5.38707	0.0246547	0.21717059	2.7411662	21	5 7.6	20.3
372571 2009 UH_{56}	16.9	X	108.48135	91.39644	10.31349	1.83042	0.0455039	0.20690903	2.8310645	21	4 6.7	20.6
372572 2009 UK_{57}	17.7	X	263.67003	98.77771	296.87575	0.86308	0.1959843	0.22970612	2.6405091	21	6 28.6	21.4
372573 Pietromenga	15.9	X	262.90362	148.78845	234.34550	21.14596	0.0456985	0.22714141	2.6603484	21	6 28.4	19.8
372574 2009 UR_{72}	16.9	X	291.11591	183.68410	181.38257	4.53045	0.2210007	0.23111801	2.6297443	21	6 18.2	20.3
372575 2009 UC_{77}	17.3	X	186.98661	112.25815	285.48847	2.06684	0.1025313	0.21356036	2.7719728	21	4 19.5	21.5
372576 2009 UG_{82}	16.6	X	285.02479	165.40240	214.44176	8.62094	0.1172960	0.22989477	2.6390644	21	7 14.9	20.2
372577 2009 UP_{91}	17.1	X	284.65398	249.17816	157.73549	5.06802	0.2078592	0.23580265	2.5947982	21	8 7.9	20.2
372578 Khromov	16.2	X	270.92154	304.73043	57.70969	7.53274	0.0500588	0.22000926	2.7175366	21	6 13.7	20.0
372579 2009 UB_{95}	17.3	X	256.18328	272.26109	137.65570	1.62271	0.2062348	0.23131845	2.6282249	21	7 7.6	21.1
372580 2009 UJ_{96}	17.9	X	217.10905	252.31090	182.27130	3.08349	0.1617776	0.22555846	2.6727805	21	7 3.6	22.2
372581 2009 UX_{98}	16.9	X	150.22082	277.83728	200.23254	5.06982	0.1588414	0.21717938	2.7410923	21	6 25.9	21.3
372582 2009 UZ_{98}	17.0	X	32.70359	49.05536	173.79595	2.82283	0.0316228	0.21804407	2.7338406	21	5 31.6	20.5
372583 2009 UT_{99}	17.3	X	262.66999	207.04345	174.32442	2.18196	0.1503033	0.22629858	2.6669498	21	6 14.7	21.2
372584 2009 UX_{99}	16.3	X	46.90679	66.33327	82.64550	4.02998	0.1103737	0.20090847	2.8871580	21	3 24.0	19.7
372585 2009 UW_{101}	15.8	X	83.17607	324.81673	115.45399	17.41633	0.1255572	0.18157971	3.0885728	21	2 24.8	20.0
372586 2009 UE_{104}	17.4	X	297.81953	149.38189	187.76088	8.21008	0.1846366	0.22942486	2.6426668	21	5 27.3	20.8
372587 2009 UD_{109}	17.1	X	246.19632	301.54889	76.85435	3.01673	0.1056690	0.22117838	2.7079518	21	5 28.2	20.9
372588 2009 UA_{112}	17.2	X	209.15409	4.83577	52.61089	5.65943	0.1153390	0.21893193	2.7264444	21	6 6.2	21.3
372589 2009 UN_{121}	16.8	X	230.75861	3.69909	18.55191	5.24613	0.1250369	0.22056180	2.7129962	21	5 13.3	21.0
372590 2009 UV_{124}	17.1	X	76.44309	343.20260	179.28361	6.97472	0.0660494	0.21494640	2.7600435	21	5 17.9	20.7
372591 2009 UP_{126}	16.7	X	358.59253	333.01449	17.39951	12.28183	0.3064455	0.24503081	2.5292334	21	11 3.0	18.5
372592 2009 UD_{138}	16.4	X	258.25907	132.70355	246.96812	13.17751	0.1041603	0.22242975	2.6977858	21	6 12.9	20.3
372593 2009 UH_{138}	17.2	X	320.52619	200.81863	134.92472	5.28313	0.2970737	0.23689935	2.5867838	21	6 11.1	19.8
372594 2009 UJ_{139}	16.3	X	276.50280	343.77560	21.85040	14.02697	0.1784914	0.22672512	2.6636038	21	6 3.3	20.3
372595 2009 UW_{139}	16.5	X	267.86886	291.56128	121.59855	12.30153	0.1875521	0.23186050	2.6241271	21	7 28.5	20.0
372596 2009 UP_{141}	16.9	X	292.00746	326.38553	0.91192	4.71871	0.1208297	0.22294163	2.6936547	21	5 13.5	20.6
372597 2009 UN_{145}	16.8	X	266.04454	281.42618	79.13788	12.68505	0.1343198	0.22334254	2.6904303	21	5 25.6	20.7
372598 2009 UB_{148}	17.1	X	217.89141	157.24616	223.10570	4.09907	0.0866261	0.21419501	2.7664946	21	5 1.1	21.2
372599 2009 UW_{149}	16.8	X	265.39322	346.46631	341.31825	5.87821	0.0488168	0.21366535	2.7710646	21	4 20.2	20.7
372600 2009 UN_{150}	16.8	X	251.95168	255.45177	46.64540	2.59698	0.0424067	0.20406313	2.8573253	21	3 7.9	20.8
372601 2009 VH_{1}	16.0	X	51.14576	263.19243	33.78684	15.29587	0.1059298	0.23927146	2.5696587	21	10 20.5	19.3
372602 2009 VX_{1}	17.0	X	294.85134	51.78695	304.22031	12.40087	0.2896235	0.23257582	2.6187438	21	5 29.3	20.7
372603 2009 VD_{3}	15.9	X	285.68337	213.27179	111.64291	14.39210	0.1653284	0.22063118	2.7124274	21	5 3.6	20.0
372604 2009 VD_{5}	16.6	X	157.47596	170.10068	265.67484	3.66060	0.0926954	0.21154506	2.7895498	21	5 6.1	20.7
372605 2009 VH_{5}	16.4	X	229.41898	356.15775	31.51879	6.49304	0.0361862	0.21840982	2.7307877	21	5 26.3	20.2
372606 2009 VU_{7}	16.5	X	199.65607	42.32823	30.66341	5.27883	0.0025282	0.22152477	2.7051282	21	6 20.7	20.2
372607 2009 VJ_{9}	17.0	X	193.13104	67.86542	317.55117	2.61433	0.1071804	0.21113800	2.7931341	21	4 10.4	21.3
372608 2009 VW_{10}	16.1	X	165.08392	340.25991	69.11739	5.07284	0.1027193	0.20910204	2.8112353	21	4 14.6	20.4
372609 2009 VP_{17}	17.2	X	237.97730	271.42985	163.95656	1.73262	0.0354994	0.23185966	2.6241335	21	8 10.7	20.7
372610 2009 VP_{18}	16.9	X	282.43392	44.82212	266.59404	3.62996	0.1051345	0.21497251	2.7598200	21	4 13.0	20.8
372611 2009 VZ_{18}	16.9	X	294.25085	81.46138	271.47895	3.51451	0.1511313	0.22791043	2.6543605	21	6 17.3	20.1
372612 2009 VB_{19}	17.0	X	246.79085	335.41328	9.51125	3.54896	0.1001228	0.21392768	2.7687988	21	4 16.2	20.9
372613 2009 VZ_{23}	17.5	X	195.54758	102.69341	309.03562	3.02103	0.2721985	0.21408977	2.7674010	21	5 14.6	22.6
372614 2009 VA_{29}	17.4	X	289.18402	175.86283	209.22611	3.64517	0.1786905	0.23555493	2.5966171	21	7 19.5	20.6
372615 2009 VA_{34}	16.8	X	213.03274	352.10269	16.73369	4.35967	0.1169961	0.21189538	2.7864744	21	4 10.6	21.1
372616 2009 VE_{37}	17.2	X	264.61237	188.27268	221.70399	5.32325	0.1558552	0.23037473	2.6353977	21	7 22.9	21.0
372617 2009 VW_{37}	16.9	X	257.90207	291.78699	84.25014	2.10179	0.1118527	0.22475236	2.6791675	21	6 6.9	20.5
372618 2009 VG_{38}	17.0	X	302.80337	346.44771	6.32081	3.86518	0.1956966	0.23181793	2.6244484	21	6 22.7	20.2
372619 2009 VM_{39}	16.0	X	328.27832	266.90845	42.38466	15.16694	0.1899844	0.22726546	2.6593802	21	6 2.2	19.0
372620 2009 VK_{40}	16.4	X	169.20973	3.20861	56.75560	6.06889	0.0524563	0.21168451	2.7883246	21	4 28.4	20.3
372621 2009 VG_{41}	16.6	X	275.56494	222.83313	171.84635	3.66764	0.1200218	0.23134641	2.6280132	21	7 22.9	20.1
372622 2009 VX_{42}	16.3	X	274.28395	341.29509	33.01171	12.21291	0.0871582	0.22607201	2.6687313	21	6 29.2	20.1
372623 2009 VM_{48}	17.5	X	168.53955	272.77587	170.03075	3.80141	0.0718545	0.21402146	2.7679899	21	5 27.7	21.5
372624 2009 VT_{49}	16.3	X	93.39884	91.84274	56.05541	5.87442	0.1095712	0.21119887	2.7925973	21	5 26.7	19.9
372625 2009 VK_{50}	17.3	X	230.13131	246.30344	177.71121	3.55818	0.2104285	0.22480811	2.6787246	21	6 29.2	21.6
372626 IGEM	18.0	X	218.42362	219.35818	207.24731	2.36605	0.1976393	0.22319868	2.6915863	21	6 22.9	22.5
372627 2009 VB_{59}	16.8	X	233.96372	192.58817	231.51568	11.16058	0.1706967	0.22672182	2.6636296	21	7 4.8	21.2
372628 2009 VX_{59}	16.9	X	200.00667	274.44152	198.19831	8.14639	0.2575035	0.22320841	2.6915080	21	7 29.8	21.8
372629 2009 VC_{62}	17.0	X	217.35155	359.20414	69.56549	3.48600	0.1180526	0.22483812	2.6784863	21	6 29.7	21.0
372630 2009 VU_{68}	17.5	X	295.23126	10.43222	346.64051	1.84585	0.2245834	0.22841099	2.6504812	21	6 12.2	20.9
372631 2009 VJ_{71}	16.8	X	188.72482	358.15059	58.96363	4.07294	0.1071535	0.21174884	2.7877598	21	5 16.8	20.9
372632 2009 VU_{72}	16.2	X	271.01295	283.14042	80.67123	12.41562	0.0950800	0.22464103	2.6800527	21	6 9.4	19.8
372633 2009 VS_{79}	16.7	X	180.53494	142.61462	313.22960	9.45214	0.2481887	0.21770567	2.7366729	21	6 27.5	21.6
372634 2009 VV_{79}	16.7	X	297.49458	228.38978	143.55725	14.12370	0.2855629	0.23309838	2.6148285	21	6 26.8	20.1
372635 2009 VT_{81}	16.6	X	201.51208	343.11875	40.31053	6.66500	0.0769680	0.21111445	2.7933418	21	4 18.6	20.7
372636 2009 VD_{89}	16.8	X	186.50117	145.83978	268.23973	5.29993	0.0430415	0.21304343	2.7764549	21	5 8.6	20.8
372637 2009 VU_{94}	16.6	X	209.22501	15.22420	35.91611	3.87578	0.0544517	0.21599304	2.7511201	21	6 1.0	20.6
372638 2009 VR_{101}	16.4	X	228.73668	22.14037	20.42183	6.02979	0.0315934	0.22034063	2.7148114	21	6 15.3	20.2
372639 2009 VS_{104}	16.5	X	203.04683	235.25362	178.21350	13.93439	0.1613704	0.21759948	2.7375632	21	5 27.2	21.2
372640 2009 VL_{108}	15.9	X	288.55698	96.10713	250.36024	16.94828	0.2004727	0.22545621	2.6735886	21	5 23.6	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372641 2009 WD_{10}	17.1	X	251.06359	296.41460	116.88106	5.07313	0.2817927	0.22690536	2.6621930	21	6 28.6	21.3
372642 2009 WM_{18}	17.0	X	63.85875	23.52192	104.57764	3.20307	0.0176435	0.20159789	2.8805720	21	3 11.9	20.9
372643 2009 WU_{20}	16.4	X	199.87447	242.09109	155.77576	4.78482	0.0749988	0.21111794	2.7933110	21	5 5.9	20.7
372644 2009 WA_{24}	15.8	X	135.35846	224.51416	241.79968	20.93071	0.1204548	0.21082767	2.7958743	21	5 24.2	20.0
372645 2009 WB_{24}	16.2	X	157.89235	0.60750	75.13861	6.29771	0.1140638	0.20912714	2.8110104	21	5 10.1	20.5
372646 2009 WM_{26}	15.6	X	347.27000	146.97866	25.15711	11.10488	0.0652440	0.19099529	2.9862142	21	1 26.6	19.7
372647 2009 WH_{27}	16.4	X	95.85900	111.34260	332.12831	1.34246	0.0689629	0.19697727	2.9254452	21	3 3.2	20.4
372648 2009 WU_{28}	16.3	X	214.39547	179.18947	251.03746	4.36836	0.0402609	0.22115218	2.7081657	21	7 3.6	20.2
372649 2009 WZ_{30}	16.6	X	30.27904	235.26055	62.01407	2.92047	0.1171490	0.23293390	2.6160593	21	9 21.0	19.6
372650 2009 WE_{32}	16.6	X	203.40287	248.63992	102.83894	3.31274	0.0244280	0.19981522	2.8976794	21	3 14.3	20.7
372651 2009 WV_{37}	16.6	X	211.65543	119.69812	276.99550	3.67458	0.1180333	0.21391595	2.7689000	21	5 13.1	21.0
372652 2009 WF_{38}	16.3	X	298.61078	251.83478	61.04964	13.56983	0.2310680	0.21829790	2.7317210	21	4 22.4	20.1
372653 2009 WB_{42}	16.7	X	231.46081	282.72031	64.96690	2.88016	0.1133467	0.20664200	2.8335028	21	4 4.9	21.1
372654 2009 WQ_{45}	16.4	X	151.33875	31.56665	83.52474	5.99338	0.1206839	0.21498965	2.7596734	21	6 21.3	20.6
372655 2009 WU_{51}	15.4	X	86.21088	265.24179	172.54179	25.90841	0.2103753	0.17824760	3.1269450	21	3 6.5	19.6
372656 2009 WE_{52}	16.7	X	305.43082	0.74036	344.51712	5.59624	0.3215390	0.23218221	2.6217026	21	5 23.6	20.1
372657 2009 WS_{53}	15.9	X	93.05961	56.96909	16.12883	9.13655	0.0944406	0.19278714	2.9676818	21	2 22.7	20.0
372658 2009 WR_{55}	17.4	X	273.67207	140.38563	231.45274	6.00985	0.2586149	0.22691186	2.6621422	21	5 31.7	21.3
372659 2009 WL_{70}	16.2	X	327.17031	113.97881	75.74265	5.81976	0.0635184	0.19111582	2.9849585	21	1 19.0	20.2
372660 2009 WJ_{72}	16.9	X	27.02946	199.64651	131.21507	1.89540	0.0947787	0.24251489	2.5466960	21	10 29.9	19.9
372661 2009 WD_{74}	15.2	X	266.99010	321.72620	241.00618	17.26088	0.2007709	0.17499422	3.1655821	21	—	—
372662 2009 WS_{74}	16.9	X	243.75203	238.22024	147.31145	2.98607	0.0761439	0.21959590	2.7209458	21	6 7.3	20.7
372663 2009 WN_{79}	16.8	X	209.77373	277.55608	101.61699	5.22937	0.1218780	0.20927424	2.8096930	21	4 22.7	21.2
372664 2009 WU_{79}	15.5	X	345.98474	98.81057	88.92825	10.74079	0.0351315	0.19208131	2.9749475	21	2 15.8	19.6
372665 2009 WY_{82}	16.5	X	215.98651	44.00129	342.30198	5.53841	0.0670340	0.21340585	2.7733105	21	5 5.5	20.7
372666 2009 WD_{89}	16.7	X	252.81286	194.56582	214.74495	13.71012	0.2229711	0.22780692	2.6551645	21	6 29.6	21.0
372667 2009 WU_{90}	17.0	X	234.26814	329.17485	46.37785	6.26718	0.0776724	0.21283831	2.7782385	21	5 13.6	21.1
372668 2009 WW_{95}	17.1	X	240.89451	261.09888	219.62097	4.81039	0.0757368	0.23932701	2.5692611	21	10 8.6	20.6
372669 2009 WW_{97}	16.4	X	175.47065	313.20963	116.30460	3.68837	0.0964890	0.21121345	2.7924688	21	5 19.4	20.6
372670 2009 WF_{98}	17.0	X	194.25886	91.27521	358.03094	3.67277	0.0688281	0.22335497	2.6903305	21	7 3.9	21.0
372671 2009 WP_{109}	16.5	X	19.80684	22.70211	101.09615	4.06310	0.1456355	0.18708052	3.0277291	21	1 5.4	20.0
372672 2009 WX_{111}	16.3	X	185.70954	280.21487	91.90701	7.49343	0.0822525	0.20440201	2.8541663	21	3 22.8	20.7
372673 2009 WS_{116}	17.1	X	243.47988	96.78433	256.89615	3.60381	0.0788508	0.21379107	2.7699782	21	4 25.2	21.3
372674 2009 WY_{118}	16.7	X	187.58531	327.14014	57.25805	7.37492	0.0894635	0.20716500	2.8287320	21	4 7.6	21.0
372675 2009 WS_{122}	17.1	X	23.45608	118.97612	78.62192	3.08065	0.0161059	0.20671351	2.8328493	21	4 15.8	21.0
372676 2009 WH_{124}	16.5	X	210.57369	229.39650	60.57772	3.25232	0.0288249	0.18737044	3.0246050	21	1 7.9	20.8
372677 2009 WR_{127}	16.7	X	286.92917	96.71628	239.94129	3.87384	0.0493419	0.21590246	2.7518895	21	6 1.3	20.4
372678 2009 WR_{133}	17.4	X	311.94671	34.02174	303.08481	1.46123	0.0848064	0.22562290	2.6722716	21	7 2.8	20.7
372679 2009 WW_{134}	17.2	X	230.00194	43.09953	347.15955	5.34509	0.0647464	0.21864628	2.7288185	21	5 27.6	21.1
372680 2009 WT_{139}	17.2	X	292.40877	291.57551	16.44373	2.16870	0.0634661	0.22033743	2.7148377	21	4 28.3	20.7
372681 2009 WD_{145}	17.2	X	184.59388	29.89335	20.53831	4.29093	0.1009893	0.21497666	2.7597846	21	5 3.0	21.5
372682 2009 WK_{155}	16.4	X	76.50885	69.11387	203.22695	9.03575	0.0308093	0.23845638	2.5755110	21	10 7.8	19.8
372683 2009 WT_{161}	15.1	X	290.86578	295.66823	254.96067	25.52353	0.1539625	0.17809637	3.1287150	21	—	—
372684 2009 WW_{165}	17.1	X	146.53253	136.50233	294.49278	1.03753	0.0497108	0.20352511	2.8623587	21	4 14.8	21.3
372685 2009 WT_{167}	16.9	X	184.20788	336.44385	75.44327	5.45954	0.0663224	0.21125266	2.7921233	21	5 6.0	20.9
372686 2009 WL_{171}	16.9	X	297.42690	342.99165	0.68541	3.54397	0.1258223	0.22558013	2.6726093	21	6 12.9	20.4
372687 2009 WN_{175}	16.8	X	176.11941	95.45554	333.32823	5.49636	0.0472192	0.21291720	2.7775521	21	5 14.8	21.0
372688 2009 WU_{176}	16.2	X	215.30443	242.29040	342.13708	4.63810	0.1439719	0.17201411	3.2020394	21	12 28.3	21.1
372689 2009 WB_{177}	16.9	X	225.03149	162.57337	221.65500	5.95782	0.0440834	0.21738981	2.7393231	21	5 17.2	20.6
372690 2009 WX_{186}	17.1	X	206.15677	38.86725	36.28886	5.30154	0.1384411	0.22151194	2.7052327	21	6 25.2	21.3
372691 2009 WT_{188}	16.9	X	239.52833	272.25605	33.36954	6.46363	0.0409000	0.20159737	2.8805769	21	2 28.1	21.1
372692 2009 WC_{195}	16.4	X	281.61786	331.81614	39.32326	6.80764	0.1831011	0.22739271	2.6583879	21	6 19.3	20.0
372693 2009 WL_{197}	16.2	X	315.42507	83.37737	123.89697	8.43510	0.0386503	0.19212259	2.9745214	21	1 28.2	20.2
372694 2009 WL_{206}	17.0	X	255.35075	359.81357	347.72910	2.99239	0.1021196	0.21467357	2.7623815	21	4 28.3	21.0
372695 2009 WR_{207}	17.0	X	192.62118	329.90676	41.05943	2.42281	0.0859247	0.20426059	2.8554836	21	3 25.5	21.4
372696 2009 WM_{209}	16.7	X	211.85109	142.19637	261.60572	3.66580	0.0707925	0.21335860	2.7737200	21	5 25.1	20.9
372697 2009 WH_{211}	16.8	X	295.19530	134.45765	211.03404	5.30713	0.1760770	0.22570373	2.6716336	21	6 4.7	20.3
372698 2009 WZ_{224}	16.0	X	36.31912	246.37368	264.19740	9.36310	0.0649973	0.19315513	2.9639114	21	2 28.9	20.0
372699 2009 WJ_{226}	16.7	X	125.47998	327.78952	180.81084	3.19935	0.0234320	0.22093235	2.7099619	21	6 25.8	20.3
372700 2009 WQ_{230}	16.4	X	201.03745	189.53544	252.73088	2.78456	0.0736345	0.21897278	2.7261053	21	7 1.7	20.4
372701 2009 WV_{230}	17.6	X	259.08155	204.39191	163.87996	2.89159	0.1478616	0.22247572	2.6974142	21	5 25.3	21.7
372702 2009 WJ_{237}	17.0	X	210.55909	164.28689	262.60137	4.16941	0.0477387	0.22057488	2.7128890	21	6 24.1	20.9
372703 2009 WE_{248}	16.9	X	211.01808	16.81906	57.56195	5.95446	0.1445772	0.22080344	2.7110165	21	6 28.8	21.2
372704 2009 WL_{249}	16.2	X	185.16226	174.33615	263.29283	4.15535	0.0704132	0.21514237	2.7583672	21	6 7.9	20.2
372705 2009 WX_{249}	16.6	X	353.92069	76.13355	112.66379	3.05555	0.0598810	0.19475945	2.9476123	21	2 22.5	20.4
372706 2009 WT_{250}	15.8	X	91.89587	46.47722	47.52283	5.11129	0.0533112	0.19738746	2.9213909	21	3 11.6	19.7
372707 2009 WM_{256}	16.9	X	207.43304	250.65360	161.39129	0.36053	0.0659408	0.21458363	2.7631534	21	5 31.2	20.9
372708 2009 WY_{258}	15.5	X	285.70843	342.39138	245.21743	14.89935	0.1181906	0.18479041	3.0526927	21	1 6.0	20.2
372709 2009 WZ_{259}	15.9	X	161.97998	11.86623	73.65096	7.13157	0.0059165	0.20954597	2.8072634	21	5 19.7	19.7
372710 2009 WF_{260}	15.9	X	105.39596	119.79337	292.90702	14.55284	0.0786444	0.18353992	3.0665428	21	2 5.7	20.2
372711 2009 WQ_{260}	16.8	X	132.94965	333.36424	76.19980	3.12606	0.1191430	0.19680253	2.9271766	21	3 14.4	21.1
372712 2009 XG_{2}	15.4	X	155.66117	165.72329	260.45186	15.53771	0.0507658	0.19988924	2.8969640	21	4 15.7	20.0
372713 2009 XJ_{7}	15.7	X	146.22657	341.09151	69.43666	11.92573	0.1080773	0.19670064	2.9281874	21	4 2.1	20.3
372714 2009 XT_{10}	14.8	X	334.31036	244.76378	262.17518	25.44848	0.0978251	0.17704976	3.1410329	21	—	—
372715 2009 XR_{11}	17.2	X	132.18839	94.74363	48.65072	2.41844	0.0306743	0.22037901	2.7144962	21	6 28.6	20.9
372716 2009 XS_{12}	16.3	X	127.00592	173.58277	252.81460	4.14373	0.1063078	0.19986309	2.8972167	21	3 22.9	20.6
372717 2009 XX_{16}	15.3	X	349.32962	222.51903	285.89586	10.15761	0.0326053	0.17660261	3.1463327	21	1 3.4	19.6
372718 2009 XD_{19}	16.4	X	155.86478	299.91748	117.66435	5.52319	0.1570827	0.19833668	2.9120625	21	4 20.5	21.1
372719 2009 XK_{19}	16.4	X	171.95053	127.15743	307.45589	1.30782	0.1438455	0.20497681	2.8488280	21	5 22.7	21.0
372720 2009 XU_{20}	16.3	X	359.70939	147.01726	344.03242	10.13006	0.1897215	0.17768162	3.1335818	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372721 2009 XD_{21}	16.2	X	259.77563	258.96060	103.54549	14.17999	0.2650952	0.22062170	2.7125051	21	5 10.8	20.8
372722 2009 XN_{21}	15.5	X	163.63233	220.80149	100.94085	10.78384	0.0684398	0.17725679	3.1385867	21	—	—
372723 2009 XY_{22}	16.1	X	73.49975	342.25473	109.96791	7.41438	0.1040068	0.18537258	3.0462980	21	2 20.9	20.0
372724 2009 YA_{4}	16.0	X	79.36328	329.95686	106.83753	11.48029	0.0919646	0.18236860	3.0796593	21	2 8.8	20.1
372725 2009 YJ_{4}	16.1	X	118.40928	104.23270	303.39067	10.85595	0.0521404	0.18455989	3.0552341	21	2 12.7	20.5
372726 2009 YL_{4}	15.4	X	160.16939	257.12235	98.21692	9.36586	0.0536467	0.18180489	3.0860220	21	2 2.2	20.0
372727 2009 YH_{6}	16.6	X	227.26814	214.76561	127.12786	6.95190	0.1772334	0.20876309	2.8142774	21	3 23.1	21.3
372728 2009 YV_{9}	16.3	X	153.51934	135.83154	258.38727	8.55522	0.0873947	0.19300018	2.9654976	21	3 9.1	20.9
372729 2009 YO_{11}	16.2	X	176.58712	128.65897	322.92623	4.10219	0.1636392	0.21091249	2.7951247	21	6 17.7	20.7
372730 2009 YM_{17}	15.6	X	80.67999	282.29152	101.31525	11.35690	0.0338689	0.17215620	3.2002772	21	—	—
372731 2009 YX_{19}	16.2	X	48.29336	329.49531	118.83417	5.11732	0.1545334	0.17779382	3.1322634	21	1 12.5	19.8
372732 2009 YD_{20}	16.1	X	176.16677	309.50875	92.64597	5.44561	0.1638131	0.20108364	2.8854811	21	4 20.3	20.8
372733 2009 YP_{20}	16.1	X	344.88880	100.77396	95.71196	10.35488	0.1658476	0.18430504	3.0580500	21	2 10.9	19.9
372734 2009 YE_{21}	15.2	X	24.51207	164.15047	304.84649	15.42293	0.0728673	0.17659011	3.1464811	21	1 1.5	19.3
372735 2010 AG_{17}	16.1	X	52.08239	125.84649	324.23585	8.27681	0.1166388	0.18081571	3.0972667	21	1 18.9	19.8
372736 2010 AD_{23}	16.2	X	121.94874	261.09153	136.45260	10.45738	0.2043443	0.18598015	3.0396599	21	2 27.5	20.7
372737 2010 AR_{25}	15.0	X	28.69509	326.96783	123.78391	25.70253	0.2102562	0.17291535	3.1909036	21	—	—
372738 2010 AT_{47}	15.6	X	38.43953	323.16778	142.17968	12.31531	0.1464041	0.17777959	3.1324305	21	1 16.3	19.2
372739 2010 AV_{48}	15.9	X	161.44552	273.89879	145.15981	12.47539	0.1886068	0.19967173	2.8990675	21	4 30.9	20.9
372740 2010 AH_{49}	15.8	X	142.40509	131.07815	281.52787	10.84423	0.0927743	0.19057142	2.9906405	21	3 18.7	20.4
372741 2010 AP_{49}	15.7	X	139.41419	63.26336	286.41975	14.81257	0.0652805	0.17284398	3.1917819	21	1 5.3	20.4
372742 2010 AF_{55}	16.0	X	99.91983	70.78687	344.97422	8.70413	0.0959248	0.17833057	3.1259751	21	2 11.2	20.3
372743 2010 AG_{60}	15.6	X	356.74933	141.30201	316.53421	9.54726	0.0802875	0.17012903	3.2256490	21	—	—
372744 2010 AQ_{61}	15.6	X	71.05252	124.65932	320.80332	10.73538	0.0833049	0.17935988	3.1140041	21	2 6.2	19.5
372745 2010 AH_{64}	15.7	X	120.03787	66.33953	314.03164	8.82066	0.0770743	0.17966720	3.1104521	21	1 20.2	20.1
372746 2010 AJ_{67}	15.9	X	5.47616	244.46695	235.40931	5.13333	0.0737518	0.17839365	3.1252381	21	—	—
372747 2010 AT_{67}	17.5	X	261.03948	244.58651	142.70085	1.49440	0.2128947	0.22281912	2.6946420	21	6 12.8	21.6
372748 2010 AV_{69}	16.3	X	88.46970	302.52483	133.95322	9.91429	0.1602458	0.18637286	3.0353884	21	3 1.5	20.3
372749 2010 AG_{80}	16.0	X	35.44361	307.63167	160.85771	11.27375	0.1978869	0.17871307	3.1215132	21	1 15.3	19.5
372750 2010 BT	16.1	X	350.18059	173.14472	312.38750	6.37329	0.0915882	0.17073237	3.2180452	21	—	—
372751 2010 BZ_{2}	16.3	X	151.95624	132.57605	353.65507	16.52836	0.1898570	0.21251234	2.7810787	21	7 13.8	21.2
372752 2010 BV_{14}	16.8	X	331.71776	175.51271	170.68200	14.30284	0.2563338	0.24028750	2.5624098	21	7 30.0	19.0
372753 2010 CY_{1}	15.8	X	91.58555	132.31196	316.39097	7.99285	0.0427849	0.18488719	3.0516274	21	2 28.6	20.0
372754 2010 CJ_{2}	15.8	X	101.46283	67.89525	333.86224	8.37780	0.0820265	0.17386353	3.1792918	21	1 25.9	20.3
372755 2010 CC_{13}	17.3	X	201.21397	118.98251	307.97187	5.63450	0.2542826	0.21890691	2.7266521	21	6 6.7	22.1
372756 2010 CR_{15}	16.3	X	259.81622	252.25922	188.80752	11.40717	0.1771264	0.23421369	2.6065208	21	8 23.8	20.1
372757 2010 CT_{21}	16.5	X	346.41680	154.10278	350.86507	0.37920	0.1429416	0.17273856	3.1930804	21	—	—
372758 2010 CD_{27}	15.4	X	178.11547	197.03208	140.15376	11.34001	0.0819257	0.17818595	3.1276663	21	1 31.7	20.2
372759 2010 CH_{28}	16.4	X	8.52726	115.97633	276.35059	8.76631	0.2763459	0.24393996	2.5367680	21	—	—
372760 2010 CJ_{29}	15.1	X	251.14683	143.72705	350.18815	4.66660	0.1562714	0.14257104	3.6289571	21	10 14.6	20.4
372761 2010 CV_{69}	15.8	X	70.85059	267.25922	126.36717	10.10473	0.1050787	0.17147453	3.2087531	21	—	—
372762 2010 CQ_{70}	16.5	X	181.48697	45.87423	309.43673	6.75140	0.0465389	0.18604821	3.0389185	21	2 21.4	21.0
372763 2010 CP_{92}	16.1	X	208.04864	300.67387	65.53747	1.65487	0.0959634	0.18623615	3.0368736	21	4 5.9	20.9
372764 2010 CW_{107}	15.7	X	271.45345	104.16407	148.27307	11.97706	0.0091630	0.17890192	3.1193161	21	2 4.4	20.2
372765 2010 CV_{120}	16.1	X	356.30538	165.71353	349.45650	9.36439	0.0403736	0.17409344	3.1764920	21	1 22.6	20.5
372766 2010 CD_{138}	16.8	X	42.71902	324.74193	134.99844	1.78720	0.1693112	0.17611259	3.1521662	21	1 18.6	20.2
372767 2010 CB_{141}	15.7	X	31.58680	125.08904	358.72523	13.90846	0.1550357	0.17566966	3.1574625	21	2 3.7	19.5
372768 2010 CR_{142}	15.7	X	347.92953	58.40323	84.61550	6.89981	0.1285742	0.17067174	3.2188072	21	—	—
372769 2010 CY_{159}	15.7	X	72.28661	90.91895	342.66622	16.56966	0.1607080	0.17056371	3.2201663	21	2 8.6	19.8
372770 2010 CF_{160}	15.5	X	109.02438	301.17670	105.20353	17.95745	0.1400943	0.18095204	3.0957109	21	2 18.6	20.1
372771 2010 CM_{160}	16.0	X	85.68279	92.79491	354.73029	26.14456	0.2058322	0.18467131	3.0540051	21	3 16.4	20.1
372772 2010 CY_{169}	15.9	X	91.30867	74.78789	323.25960	17.56237	0.1405598	0.17149881	3.2084503	21	1 19.0	20.3
372773 2010 DG_{6}	16.4	X	82.20567	285.69617	176.13671	5.39940	0.1172443	0.18094751	3.0957626	21	3 17.6	20.3
372774 2010 DO_{20}	16.1	X	255.57148	233.42774	223.64331	30.65299	0.2924229	0.23209305	2.6223740	21	8 16.0	20.8
372775 2010 DR_{35}	16.4	X	76.35935	92.64746	348.67028	4.56621	0.1329059	0.17924504	3.1153340	21	2 15.2	20.3
372776 2010 DH_{43}	16.6	X	85.18527	96.44993	345.20369	9.28309	0.2218094	0.17889800	3.1193617	21	3 11.5	20.7
372777 2010 DN_{44}	15.9	X	48.21671	306.29321	172.11058	17.49832	0.1764789	0.17621634	3.1509288	21	2 20.8	19.6
372778 2010 DS_{60}	16.8	X	239.03399	240.34136	169.55843	5.52382	0.0734195	0.22201553	2.7011404	21	7 3.4	20.8
372779 2010 EX_{140}	16.6	X	115.51773	94.23797	359.17532	10.96454	0.1890480	0.18910994	3.0060289	21	4 22.2	21.2
372780 2010 FP_{6}	15.8	X	125.13642	242.79500	169.96862	17.33575	0.1496174	0.18253607	3.0777754	21	3 13.8	20.4
372781 2010 FC_{34}	15.3	X	209.62196	198.31939	92.59981	18.20164	0.0934472	0.18147058	3.0898109	21	1 9.1	20.1
372782 2010 FQ_{43}	16.2	X	185.30670	339.77355	91.09679	5.53550	0.1857885	0.21109991	2.7934700	21	5 31.4	20.9
372783 2010 GC_{41}	15.7	X	53.34946	341.66495	72.17353	10.00346	0.0759766	0.17149480	3.2085002	21	—	—
372784 2010 GS_{173}	15.6	X	23.51096	281.52685	204.04334	10.41217	0.1001073	0.17302494	3.1895561	21	1 16.7	19.7
372785 2010 JL_{34}	17.5	X	118.18448	356.55012	221.46801	20.74980	0.0494743	0.37783814	1.8949548	21	10 3.6	19.7
372786 2010 NA_{114}	18.2	X	66.32937	9.99892	42.37775	3.47478	0.1399694	0.29783969	2.2206545	21	—	—
372787 2010 OK_{61}	17.1	X	185.61013	244.78001	303.66125	6.71918	0.1426692	0.27121314	2.3637175	21	10 27.8	20.8
372788 2010 OR_{125}	17.8	X	325.89412	105.71584	342.13053	4.94574	0.2009220	0.27595686	2.3365509	21	—	—
372789 2010 PK_{26}	17.6	X	223.10284	241.28494	158.48681	8.33159	0.1964950	0.34302865	2.0210751	21	5 21.9	20.7
372790 2010 PQ_{26}	17.6	X	103.15089	116.95717	270.57936	4.12230	0.1299347	0.29933218	2.2132669	21	—	—
372791 2010 RT_{51}	18.7	X	202.40811	252.90579	30.29199	2.77509	0.1095010	0.30683753	2.1770266	21	—	—
372792 2010 RR_{60}	17.7	X	42.35591	79.90345	357.97422	5.75042	0.1317339	0.29821682	2.2187820	21	—	—
372793 2010 RA_{62}	17.9	X	43.83112	67.59052	16.00892	6.87069	0.1120079	0.29989919	2.2104763	21	—	—
372794 2010 RG_{107}	18.3	X	157.00648	297.01810	20.85155	1.72240	0.1728097	0.30410368	2.1900545	21	—	—
372795 2010 RS_{107}	18.0	X	75.03473	36.59596	7.79933	5.72915	0.1532578	0.29913821	2.2142235	21	—	—
372796 2010 RT_{113}	18.4	X	118.44170	86.53950	283.57955	3.93289	0.0884756	0.30417918	2.1896922	21	—	—
372797 2010 RW_{141}	17.8	X	63.16706	102.62302	296.55077	4.46397	0.1047937	0.29773757	2.2211623	21	—	—
372798 2010 RH_{154}	18.1	X	304.55294	266.41544	302.18635	3.86843	0.0291952	0.31078980	2.1585306	21	—	—
372799 2010 RO_{173}	17.4	X	77.34777	12.23396	32.57365	8.60425	0.1429528	0.29521421	2.2338013	21	—	—
372800 2010 ST_{8}	18.2	X	177.29141	155.03131	134.66149	2.89658	0.1917883	0.30365294	2.1922213	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372801 2010 SY_8	17.9	X	119.68003	2.76873	4.97759	5.01826	0.1884115	0.30321341	2.1943393	21	—	—
372802 2010 SA_{19}	16.9	X	241.41334	144.98896	36.85787	7.59972	0.0425110	0.28553940	2.2839786	21	—	—
372803 2010 ST_{28}	18.0	X	96.39087	35.81693	7.41982	1.10630	0.2218452	0.30379563	2.1915348	21	1 6.5	19.3
372804 2010 SH_{41}	17.1	X	324.28967	296.27633	33.65253	5.08883	0.0616028	0.25766175	2.4458853	21	7 16.6	19.9
372805 2010 TE_7	18.3	X	185.09034	124.50147	221.15774	4.10026	0.1959306	0.31585480	2.1353926	21	2 3.4	21.6
372806 2010 TB_{38}	18.4	X	131.07017	137.76293	241.36806	4.22160	0.1647633	0.30790341	2.1719995	21	1 16.4	20.7
372807 2010 TP_{40}	18.1	X	230.85598	247.68511	354.35378	6.37237	0.1014310	0.30178609	2.2012527	21	—	—
372808 2010 TP_{43}	18.5	X	186.83574	3.49106	309.07693	0.75766	0.1140643	0.30928454	2.1655285	21	—	—
372809 2010 TW_{56}	17.8	X	244.79764	219.15800	338.12370	5.83659	0.1078374	0.29162952	2.2520692	21	—	—
372810 2010 TO_{64}	18.5	X	146.33452	354.12296	348.77748	6.33414	0.0152972	0.30404078	2.1903566	21	—	—
372811 2010 TS_{85}	18.2	X	353.76050	65.86529	31.75554	6.20312	0.1318574	0.29211110	2.2495933	21	—	—
372812 2010 TA_{113}	17.6	X	204.09974	193.24463	10.46302	6.09907	0.0839208	0.28242885	2.3007177	21	12 17.6	20.7
372813 2010 TX_{116}	17.5	X	141.11185	27.95569	354.59741	3.91703	0.1774628	0.31002342	2.1620864	21	2 6.9	20.0
372814 2010 TW_{124}	18.0	X	333.28250	345.91415	150.06967	6.13954	0.0138454	0.29860344	2.2168664	21	—	—
372815 2010 TL_{138}	17.7	X	273.37396	258.79551	264.76039	3.95832	0.0594010	0.28648344	2.2789582	21	—	—
372816 2010 TG_{151}	15.7	X	205.90390	181.66711	222.39387	25.98584	0.0870813	0.23667303	2.5884327	21	5 17.3	19.5
372817 2010 TQ_{161}	18.8	X	253.08299	292.27787	308.68318	4.41838	0.0395515	0.30678970	2.1772528	21	—	—
372818 2010 US_{13}	17.7	X	128.87334	330.02738	33.64459	8.65606	0.1138217	0.30246536	2.1979558	21	—	—
372819 2010 UF_{16}	18.2	X	39.69796	238.28280	174.22477	4.47221	0.1106242	0.28995927	2.2607093	21	—	—
372820 2010 UT_{16}	17.7	X	17.93423	9.85119	48.70060	4.60381	0.1058638	0.28215813	2.3021891	21	—	—
372821 2010 UE_{25}	17.9	X	54.43674	21.99587	63.20043	4.74606	0.1558058	0.29579006	2.2309012	21	—	—
372822 2010 UF_{26}	17.8	X	111.15654	347.37740	31.64016	4.86877	0.1786440	0.30036342	2.2081981	21	—	—
372823 2010 UZ_{32}	18.0	X	311.23345	96.73351	355.95415	6.15713	0.0979735	0.27629642	2.3346362	21	12 22.8	20.3
372824 2010 UB_{35}	17.3	X	234.51551	326.51127	262.85305	6.73402	0.0752155	0.29419947	2.2389349	21	—	—
372825 2010 UG_{41}	17.2	X	132.48220	5.46847	282.86702	2.60355	0.1877868	0.28814990	2.2701631	21	—	—
372826 2010 UU_{45}	17.6	X	126.42772	350.32547	345.84678	5.15976	0.1523057	0.29674041	2.2261355	21	—	—
372827 2010 UH_{54}	17.7	X	287.87125	249.96862	249.56422	5.42016	0.0369345	0.28219193	2.3020053	21	—	—
372828 2010 UJ_{57}	17.8	X	70.94326	183.90518	258.57809	4.39946	0.0973263	0.30122081	2.2040058	21	1 1.5	19.7
372829 2010 UQ_{57}	17.4	X	13.67598	0.11514	29.77255	5.13353	0.1058147	0.27515255	2.3411021	21	—	—
372830 2010 UL_{60}	18.4	X	90.99495	304.71355	51.90565	3.42168	0.2292066	0.28952732	2.2629572	21	—	—
372831 2010 UR_{64}	17.3	X	170.55972	20.11302	245.81814	6.00221	0.0979719	0.28680270	2.2772667	21	—	—
372832 2010 UJ_{70}	17.7	X	59.22527	351.18144	48.48791	5.61066	0.1875888	0.29082559	2.2562176	21	—	—
372833 2010 UE_{73}	17.5	X	21.28043	342.07467	77.17390	5.87023	0.1560422	0.28484424	2.2876930	21	—	—
372834 2010 UU_{76}	17.1	X	264.49526	161.44512	286.98259	5.54194	0.1029677	0.25817552	2.4426393	21	9 22.4	20.3
372835 2010 UA_{80}	17.8	X	321.47259	109.75624	359.92272	6.59689	0.0788582	0.28111465	2.3078827	21	—	—
372836 2010 VT_{14}	17.7	X	71.01092	321.34496	68.50237	3.16633	0.1608624	0.29153806	2.2525401	21	—	—
372837 2010 VQ_{22}	16.8	X	138.20840	25.66113	239.08798	9.90666	0.1448376	0.27652171	2.3333680	21	12 19.9	20.5
372838 2010 VG_{32}	17.9	X	142.91764	269.13846	117.88929	5.08353	0.1249542	0.31027220	2.1609305	21	2 7.3	20.3
372839 2010 VH_{47}	17.7	X	253.99212	204.55177	251.09341	6.02118	0.0714955	0.25809150	2.4431694	21	9 22.8	21.0
372840 2010 VA_{61}	17.5	X	123.35195	231.51942	163.16869	6.01513	0.1910358	0.30531186	2.1842731	21	2 1.3	19.9
372841 2010 VZ_{61}	17.6	X	353.47322	106.27463	5.70219	7.05319	0.0500957	0.28970577	2.2620279	21	—	—
372842 2010 VE_{86}	17.8	X	300.65302	198.41822	242.10160	2.22389	0.1679440	0.26540085	2.3981030	21	11 5.9	19.8
372843 2010 VM_{91}	17.8	X	108.61903	134.53719	246.70735	4.36073	0.1393070	0.29760555	2.2218191	21	—	—
372844 2010 VZ_{91}	17.3	X	117.23049	267.35989	323.39805	0.99513	0.1550925	0.26334805	2.4105491	21	10 17.4	20.9
372845 2010 VK_{92}	18.2	X	215.56137	264.61927	24.82276	3.45101	0.1897360	0.31109590	2.1571145	21	—	—
372846 2010 VN_{99}	18.2	X	111.96502	294.24781	94.94678	0.84035	0.1814468	0.30193465	2.2005306	21	1 7.2	20.0
372847 2010 VK_{101}	17.9	X	314.83569	275.08209	184.63993	0.67770	0.1398685	0.27506206	2.3416155	21	—	—
372848 2010 VR_{112}	18.1	X	82.38053	328.47787	84.11684	3.79442	0.1436178	0.29862245	2.2167723	21	—	—
372849 2010 VN_{128}	17.5	X	119.66763	53.87542	250.96621	4.57189	0.1643377	0.28728162	2.2747351	21	—	—
372850 2010 VA_{130}	18.2	X	128.60058	332.67434	11.75321	6.33321	0.1993242	0.29993819	2.2102847	21	—	—
372851 2010 VW_{135}	16.8	X	193.72665	10.61809	229.81399	6.03173	0.0886020	0.28400129	2.2922176	21	—	—
372852 2010 VN_{148}	17.2	X	131.25343	179.08435	86.60348	7.63182	0.1245563	0.27494094	2.3423032	21	12 14.7	20.6
372853 2010 VK_{150}	17.3	X	142.96845	203.60996	92.32572	5.53711	0.1238659	0.28715334	2.2754125	21	—	—
372854 2010 VZ_{159}	17.8	X	16.30104	267.48870	137.19007	4.61957	0.1062608	0.27779518	2.3262314	21	—	—
372855 2010 VX_{160}	17.3	X	195.78292	25.05927	250.07841	6.60886	0.0944540	0.29464424	2.2366812	21	—	—
372856 2010 VK_{162}	17.8	X	37.14652	93.32509	11.70459	4.02492	0.1080431	0.29758719	2.2219105	21	—	—
372857 2010 VZ_{163}	18.0	X	155.83486	75.95742	270.73853	3.79458	0.1670245	0.30351319	2.1928942	21	1 5.9	20.9
372858 2010 VB_{171}	17.7	X	185.46282	297.98875	57.30459	4.78663	0.2272116	0.31459187	2.1411038	21	2 21.9	21.1
372859 2010 VG_{173}	17.7	X	98.74673	89.21967	240.88248	1.78898	0.2243530	0.28524730	2.2855375	21	—	—
372860 2010 VJ_{173}	18.1	X	72.02273	321.00083	66.02493	5.76045	0.1492280	0.28910888	2.2651402	21	—	—
372861 2010 VE_{182}	16.8	X	162.95608	150.52856	66.87048	7.70001	0.0483945	0.26661671	2.3908067	21	11 17.8	20.0
372862 2010 VX_{196}	17.5	X	323.23098	102.45682	355.24724	6.20772	0.1827356	0.27532375	2.3401315	21	—	—
372863 2010 VB_{197}	18.4	X	81.30199	60.78856	339.09375	6.54982	0.1291718	0.29471954	2.2363002	21	—	—
372864 2010 VR_{213}	17.3	X	198.63205	18.49517	235.77911	7.53589	0.1060212	0.29035765	2.2586410	21	—	—
372865 2010 VG_{216}	18.3	X	35.00128	171.53015	273.27366	2.19834	0.1371544	0.29498714	2.2349475	21	—	—
372866 2010 VP_{216}	17.6	X	216.88360	235.91896	338.10181	5.19451	0.1022003	0.28360495	2.2943527	21	—	—
372867 2010 VO_{217}	17.0	X	215.62831	172.07508	22.57341	9.36558	0.0302142	0.27852837	2.3221473	21	12 27.9	20.0
372868 2010 VA_{218}	18.0	X	352.87406	162.26183	330.43728	5.67166	0.0936525	0.29711371	2.2242704	21	—	—
372869 2010 WG_{22}	18.1	X	317.01576	5.67689	67.27237	3.32245	0.1433180	0.26899294	2.3767060	21	12 1.5	20.2
372870 2010 WZ_{27}	16.6	X	63.55052	158.82412	40.02182	5.59103	0.1556710	0.23232694	2.6206136	21	6 30.5	19.8
372871 2010 WJ_{28}	17.7	X	344.49555	174.87245	269.61113	4.58920	0.1059738	0.27856238	2.3219582	21	—	—
372872 2010 WA_{40}	17.4	X	110.37162	179.96351	202.88639	5.39539	0.1530066	0.29870286	2.2163744	21	—	—
372873 2010 WZ_{43}	17.3	X	163.00966	267.20448	21.27394	6.06614	0.1855682	0.28987431	2.2611510	21	—	—
372874 2010 WB_{52}	17.9	X	3.78022	121.22272	319.56885	1.12054	0.1682003	0.28224802	2.3017003	21	—	—
372875 2010 WC_{52}	18.2	X	53.04575	84.32176	1.28778	1.37471	0.1356389	0.29600814	2.2298053	21	—	—
372876 2010 WG_{60}	16.9	X	122.34255	88.80922	294.03784	20.78495	0.2893739	0.30106322	2.2047749	21	1 28.4	19.5
372877 2010 WS_{61}	17.9	X	76.88186	134.70519	249.73657	2.33455	0.1170321	0.28862876	2.2676515	21	—	—
372878 2010 XY_2	16.1	X	334.53485	330.27069	179.51787	11.45234	0.1101283	0.18060471	3.0996786	21	—	—
372879 2010 XZ_2	17.2	X	322.06490	165.57477	273.43280	4.39045	0.1821479	0.26992323	2.3712420	21	12 23.0	18.7
372880 2010 XO_{66}	16.8	X	161.05856	354.75268	115.64852	7.87031	0.1415057	0.23058244	2.6338148	21	6 26.1	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372881 2010 XF_{68}	16.5	X	165.68256	129.14452	8.55119	5.38115	0.0492104	0.24374608	2.5381130	21	8 5.7	20.0
372882 2010 XT_{83}	16.1	X	89.40319	46.17902	257.87881	22.96006	0.1264641	0.27332092	2.3515495	21	12 19.7	19.6
372883 2010 XZ_{83}	17.8	X	1.22342	307.64143	124.16348	6.59008	0.1011373	0.27867644	2.3213246	21	—	—
372884 2010 XD_{84}	17.9	X	28.91924	197.15925	200.64750	4.93981	0.1443727	0.27911991	2.3188652	21	—	—
372885 2010 XZ_{84}	18.0	X	138.81002	222.15426	186.82630	2.69443	0.1707574	0.31068119	2.1590336	21	3 9.6	20.6
372886 2010 XL_{85}	18.4	X	83.73359	217.23188	186.29655	3.32023	0.1671004	0.29512032	2.2342751	21	—	—
372887 2010 YM	18.2	X	342.54296	107.81488	317.52567	4.48854	0.0927498	0.26972038	2.3724307	21	—	—
372888 2010 YC_{3}	16.7	X	304.25027	117.84423	343.88889	6.36738	0.0869477	0.26461556	2.4028452	21	12 20.4	19.4
372889 2011 AC_{9}	16.1	X	351.38521	339.71442	287.18354	9.37152	0.1501688	0.22424644	2.6831957	21	5 21.9	19.0
372890 2011 AD_{13}	15.2	X	276.44698	229.26688	322.98678	15.82883	0.1765055	0.17978744	3.1090651	21	—	—
372891 2011 AS_{15}	17.0	X	228.88372	163.31836	343.95428	4.84856	0.1227563	0.25589567	2.4571260	21	10 23.3	20.3
372892 2011 AO_{21}	17.1	X	211.75946	313.11929	89.23810	4.61404	0.0214508	0.22380956	2.6866863	21	5 25.9	20.9
372893 2011 AP_{23}	16.5	X	105.31093	174.44092	334.18717	15.02533	0.1434082	0.22352884	2.6889352	21	6 16.6	20.6
372894 2011 AD_{26}	17.8	X	28.28907	68.03195	352.49797	4.27065	0.1258976	0.27829372	2.3234524	21	—	—
372895 2011 AE_{26}	16.9	X	225.13562	30.25477	58.53364	5.78221	0.0645690	0.24044249	2.5613086	21	8 11.9	20.5
372896 2011 AL_{31}	16.5	X	233.41918	293.07546	82.06368	7.08064	0.0366638	0.22416098	2.6838776	21	5 16.7	20.1
372897 2011 AJ_{32}	17.2	X	107.83422	179.94108	14.75466	3.31738	0.0835324	0.23452324	2.6042268	21	8 13.8	20.9
372898 2011 AW_{33}	16.6	X	51.03196	135.67049	84.95633	6.69147	0.1724641	0.22366968	2.6878063	21	7 14.5	19.8
372899 2011 AD_{34}	16.8	X	278.52007	54.31878	21.14606	7.11067	0.0243972	0.25157136	2.4852033	21	10 9.6	19.9
372900 2011 AK_{38}	17.0	X	86.02374	235.28510	284.03899	4.27860	0.1032803	0.22066552	2.7121460	21	5 30.5	20.5
372901 2011 AC_{43}	16.1	X	233.66796	129.90300	113.52089	7.53803	0.1680017	0.18147225	3.0897919	21	—	—
372902 2011 AR_{46}	17.3	X	163.46699	198.32305	280.07568	3.62301	0.0913243	0.22818105	2.6522614	21	7 7.1	21.1
372903 2011 AB_{53}	16.0	X	285.39671	236.83833	332.32368	13.63890	0.1884810	0.18308221	3.0716515	21	—	—
372904 2011 AF_{58}	16.8	X	94.84019	8.91810	124.72962	8.88504	0.0445195	0.21716465	2.7412163	21	5 3.4	20.6
372905 2011 AF_{61}	16.7	X	65.98250	45.32654	107.21241	8.18612	0.0210852	0.21406100	2.7676490	21	4 16.7	20.5
372906 2011 AM_{65}	16.8	X	189.03580	331.37727	106.99756	5.34895	0.0198212	0.22573574	2.6713810	21	6 13.8	20.5
372907 2011 AT_{65}	17.2	X	351.44476	74.51031	323.17646	5.01829	0.0819162	0.25967749	2.4332114	21	12 6.3	19.9
372908 2011 AZ_{67}	17.7	X	129.02010	333.43619	208.91576	1.38915	0.0477627	0.23790283	2.5795046	21	8 17.7	21.2
372909 2011 AY_{68}	16.2	X	75.88845	15.79663	139.80882	10.34851	0.1249179	0.21258462	2.7804483	21	5 18.8	20.0
372910 2011 AB_{70}	17.0	X	283.90414	26.26870	1.55680	5.84822	0.1229652	0.24319726	2.5419301	21	7 27.9	20.1
372911 2011 AJ_{75}	16.6	X	290.58101	74.77213	358.34784	6.16681	0.1205729	0.25322377	2.4743800	21	10 9.8	19.4
372912 2011 AN_{76}	16.9	X	340.55092	24.95543	354.97723	7.62668	0.1087328	0.25712658	2.4492779	21	10 22.3	19.5
372913 2011 AN_{77}	17.2	X	253.11669	34.92718	100.20499	2.11608	0.1377955	0.25774928	2.4453315	21	11 8.0	20.2
372914 2011 BD	17.1	X	107.41771	13.00052	114.47232	5.80342	0.0429241	0.21948075	2.7218975	21	5 9.8	20.8
372915 2011 BW_{4}	16.2	X	35.21495	25.26645	125.22743	15.36835	0.0994403	0.20443664	2.8538440	21	3 7.4	19.8
372916 2011 BA_{5}	18.1	X	1.90776	175.73286	210.30497	2.20934	0.1304732	0.26275134	2.4141972	21	12 14.6	20.5
372917 2011 BV_{5}	17.3	X	257.30565	211.80086	298.76426	0.17679	0.1484507	0.26228108	2.4170822	21	12 3.5	19.8
372918 2011 BW_{5}	18.0	X	241.83669	171.55396	288.18658	0.73786	0.1375269	0.24769376	2.5110730	21	9 4.6	21.3
372919 2011 BW_{8}	17.8	X	29.79522	292.55134	74.65722	2.83762	0.2083033	0.26740223	2.3861223	21	—	—
372920 2011 BO_{9}	17.5	X	17.74176	267.95005	98.03766	2.41708	0.1987271	0.26331313	2.4107622	21	12 22.9	19.9
372921 2011 BT_{9}	17.0	X	67.99719	179.14057	313.83815	3.38897	0.0163913	0.20940318	2.8085395	21	3 19.4	20.7
372922 2011 BM_{17}	16.7	X	213.17884	254.45483	122.02009	6.96586	0.0583169	0.21748133	2.7385545	21	4 25.1	20.8
372923 2011 BV_{19}	16.6	X	177.07766	321.90040	155.35103	11.18907	0.1454062	0.22885386	2.6470606	21	7 19.5	20.9
372924 2011 BC_{21}	16.7	X	351.08130	109.92783	128.37363	9.25921	0.0755289	0.21548761	2.7554202	21	4 23.2	20.2
372925 2011 BW_{21}	17.2	X	178.62725	300.27460	169.09489	3.18552	0.0168529	0.23248153	2.6194518	21	7 11.5	20.8
372926 2011 BR_{22}	16.8	X	228.30712	216.99352	133.54609	5.26283	0.0806750	0.21295899	2.7771888	21	4 7.6	20.9
372927 2011 BO_{25}	16.5	X	111.00334	172.87494	336.46941	7.41840	0.1621521	0.22195987	2.7015919	21	6 26.9	20.5
372928 2011 BW_{27}	16.1	X	298.61235	218.08832	331.45808	4.83551	0.1331934	0.18050788	3.1007870	21	—	—
372929 2011 BG_{28}	15.3	X	269.05294	225.13986	342.59401	21.54394	0.1299441	0.17556787	3.1586829	21	—	—
372930 2011 BZ_{28}	17.3	X	115.32027	124.71547	55.75304	3.55462	0.0740538	0.23180111	2.6245753	21	8 2.6	21.0
372931 2011 BE_{32}	17.6	X	180.79292	162.58417	308.73728	0.73201	0.0411569	0.23123053	2.6288911	21	7 17.4	21.1
372932 2011 BL_{35}	17.7	X	224.42988	323.73495	135.81778	5.37184	0.0765979	0.23994407	2.5648543	21	8 22.2	21.3
372933 2011 BC_{38}	16.0	X	148.00735	300.18049	157.78882	25.37797	0.2104939	0.21749710	2.7384222	21	6 6.2	21.1
372934 2011 BS_{46}	16.7	X	216.92279	165.49846	194.81317	3.34600	0.1101533	0.21206334	2.7850029	21	4 4.3	21.1
372935 2011 BT_{47}	16.0	X	225.54436	73.41756	150.48894	19.60899	0.1389654	0.17219174	3.1998368	21	—	—
372936 2011 BN_{51}	16.2	X	274.57833	212.31065	98.54805	5.24662	0.0886197	0.21369749	2.7707868	21	4 9.5	20.1
372937 2011 BO_{53}	17.6	X	351.86854	307.51807	124.94438	3.51447	0.1206099	0.26866359	2.3786480	21	—	—
372938 2011 BC_{54}	16.7	X	276.64711	104.38251	97.79332	2.39703	0.1013835	0.18203276	3.0834460	21	—	—
372939 2011 BF_{61}	16.4	X	350.81852	230.01753	92.52554	16.05332	0.0946641	0.24200021	2.5503056	21	8 22.6	19.5
372940 2011 BX_{66}	16.3	X	267.05575	273.85116	317.46187	9.19400	0.0212816	0.18623598	3.0368755	21	1 3.9	20.7
372941 2011 BQ_{70}	17.2	X	168.92888	287.52742	179.94908	8.62001	0.1706607	0.22697253	2.6616678	21	6 30.1	21.7
372942 2011 BN_{71}	16.7	X	245.19269	169.61381	201.93525	2.44043	0.1117848	0.22153871	2.7050147	21	5 17.7	20.5
372943 2011 BQ_{71}	16.7	X	277.53098	37.36762	183.20626	3.07057	0.0569716	0.18545055	3.0454441	21	—	—
372944 2011 BF_{73}	16.7	X	345.69111	305.25357	197.95966	7.24139	0.1084217	0.18405135	3.0608594	21	—	—
372945 2011 BN_{73}	17.5	X	17.34741	257.64059	160.15919	5.70323	0.2226945	0.27183783	2.3600948	21	—	—
372946 2011 BO_{73}	17.2	X	306.35811	77.89586	309.54205	4.25964	0.1011718	0.24044240	2.5613093	21	9 1.2	20.2
372947 2011 BL_{74}	16.7	X	27.07045	100.73213	213.24244	5.14253	0.1331486	0.23725446	2.5842020	21	10 9.8	19.7
372948 2011 BE_{76}	17.2	X	257.92126	186.34888	181.61947	3.14203	0.1062296	0.22271028	2.6955199	21	5 28.6	21.0
372949 2011 BR_{76}	17.3	X	262.57007	242.58580	148.86841	6.60304	0.0339690	0.22950170	2.6420768	21	7 14.4	21.0
372950 2011 BO_{78}	17.3	X	230.00993	302.83378	153.30712	4.35123	0.1407606	0.24287897	2.5441503	21	8 16.4	20.9
372951 2011 BY_{78}	16.8	X	110.86744	282.28363	219.33118	4.12448	0.1046721	0.22040549	2.7142787	21	6 8.9	20.6
372952 2011 BL_{85}	16.8	X	111.99470	78.04396	66.53179	5.64766	0.1007696	0.22149553	2.7053662	21	6 13.2	20.7
372953 2011 BJ_{86}	17.2	X	104.55374	61.54126	122.80842	5.02362	0.0585673	0.22989219	2.6390842	21	7 21.8	20.8
372954 2011 BJ_{89}	16.3	X	273.09180	78.53216	312.23540	17.39179	0.1081068	0.23175721	2.6249067	21	7 19.3	19.8
372955 2011 BO_{89}	16.7	X	201.63203	80.21267	301.89866	5.13443	0.0250190	0.21261017	2.7802255	21	4 14.1	20.8
372956 2011 BX_{89}	16.8	X	203.47639	257.24524	136.74671	2.58733	0.0831299	0.21806582	2.7336588	21	5 3.7	20.9
372957 2011 BA_{97}	16.2	X	264.05786	122.28930	115.84155	6.13368	0.1239677	0.18841136	3.0134547	21	—	—
372958 2011 BU_{99}	16.5	X	245.76035	86.78843	287.06528	5.01868	0.0422414	0.22109760	2.7086114	21	5 28.3	20.2
372959 2011 BQ_{102}	17.1	X	275.06630	99.42988	313.04825	14.31824	0.1354686	0.24566557	2.5248748	21	8 13.6	20.4
372960 2011 BS_{103}	17.3	X	119.51560	136.55557	318.78881	3.91273	0.0256162	0.20957764	2.8069806	21	4 7.6	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
372961 2011 BH_{104}	16.4	X	234.93476	292.90702	310.36888	4.31254	0.1118097	0.18098194	3.0953699	21	—	—
372962 2011 BL_{105}	16.7	X	278.11271	161.88930	150.27098	6.09270	0.0794913	0.21448676	2.7639852	21	4 16.2	20.5
372963 2011 BY_{111}	17.7	X	226.93670	249.12692	167.73292	0.63221	0.1137306	0.22771259	2.6558978	21	6 24.8	21.8
372964 2011 BT_{112}	17.0	X	274.79410	97.15150	281.72225	6.35530	0.1704414	0.23050480	2.6344062	21	6 23.3	20.7
372965 2011 BS_{116}	17.0	X	132.75803	81.76067	77.98678	5.12257	0.1614010	0.22984907	2.6394142	21	8 2.9	21.2
372966 2011 BK_{119}	16.9	X	208.54183	107.85324	27.29731	3.41960	0.0625378	0.24335572	2.5408265	21	9 21.7	20.5
372967 2011 BV_{124}	17.3	X	245.54655	276.32940	182.39278	3.82863	0.1121583	0.24449400	2.5329342	21	9 10.9	20.8
372968 2011 BP_{152}	17.1	X	154.86263	149.33457	331.12862	5.40070	0.0845685	0.22337398	2.6901778	21	6 30.5	21.1
372969 2011 CX	15.9	X	290.18057	172.37476	4.47012	10.13077	0.0795433	0.17793018	3.1306629	21	—	—
372970 2011 CD_{2}	16.6	X	196.90822	248.09021	143.89564	6.77664	0.0178835	0.21257699	2.7805148	21	4 26.5	20.5
372971 2011 CW_{10}	17.6	X	296.17108	228.22303	150.73220	5.46730	0.2024181	0.24218732	2.5489918	21	7 18.0	20.5
372972 2011 CT_{14}	16.5	X	23.22145	46.31833	113.43310	5.36792	0.1346982	0.19834716	2.9119599	21	2 26.9	19.7
372973 2011 CV_{27}	17.7	X	324.59608	55.18029	26.45120	2.33004	0.1522340	0.26375867	2.4080466	21	12 29.0	19.8
372974 2011 CE_{32}	17.1	X	120.67215	206.45340	265.15482	2.25302	0.0451912	0.21374564	2.7703707	21	5 3.9	21.0
372975 2011 CT_{33}	16.0	X	308.80835	168.42431	131.88893	15.34293	0.0285508	0.22089610	2.7102583	21	5 21.2	19.9
372976 2011 CF_{34}	17.3	X	295.16428	287.82116	146.09705	3.40360	0.1572987	0.25583907	2.4574884	21	10 17.3	19.7
372977 2011 CT_{34}	16.7	X	141.76979	144.67818	320.67445	4.34828	0.1242574	0.21832958	2.7314568	21	5 29.1	20.8
372978 2011 CZ_{34}	16.7	X	175.26610	119.66409	312.30146	7.83329	0.1037420	0.21930600	2.7233432	21	5 19.2	21.0
372979 2011 CB_{49}	16.3	X	344.29449	303.35415	299.60381	9.57667	0.0995531	0.21138782	2.7909330	21	4 7.1	19.9
372980 2011 CY_{49}	16.1	X	339.81601	251.59621	284.77809	7.80661	0.0688594	0.19098001	2.9863734	21	1 17.1	19.9
372981 2011 CY_{53}	17.1	X	176.88709	64.43209	317.88607	5.58505	0.0693953	0.20646295	2.8351408	21	3 18.9	21.3
372982 2011 CB_{54}	17.3	X	174.07833	173.04265	241.48865	0.48091	0.0375226	0.21351159	2.7723948	21	4 25.2	21.3
372983 2011 CP_{59}	16.7	X	234.27372	42.73919	173.10297	1.09415	0.0918944	0.17307601	3.1889287	21	—	—
372984 2011 CS_{67}	16.5	X	281.49709	352.28001	345.07491	6.71328	0.0977315	0.21987364	2.7186540	21	5 15.9	20.4
372985 2011 CT_{68}	16.8	X	21.00393	80.75182	146.50890	6.46204	0.0541182	0.21531935	2.7568556	21	5 22.9	20.3
372986 2011 CS_{70}	17.0	X	233.99091	128.05991	247.52401	3.05578	0.1288698	0.21899855	2.7258915	21	5 8.8	21.1
372987 2011 CF_{71}	16.7	X	94.58718	22.25059	130.27790	5.78324	0.0961117	0.21498397	2.7597220	21	6 2.5	20.5
372988 2011 CK_{71}	17.0	X	285.49332	299.08716	194.58664	1.49057	0.1604240	0.26308055	2.4121828	21	12 26.2	19.1
372989 2011 CE_{73}	16.4	X	230.91704	126.74137	334.18100	21.67252	0.0685264	0.23903499	2.5713532	21	8 31.2	20.0
372990 2011 CJ_{74}	17.0	X	155.15051	221.84646	291.50286	5.67150	0.1899601	0.23135957	2.6279135	21	8 14.3	21.3
372991 2011 CN_{75}	16.5	X	179.95236	179.24153	296.73302	12.44616	0.1198863	0.23088243	2.6315328	21	7 21.7	20.6
372992 2011 CQ_{76}	17.1	X	271.59338	349.10545	332.10242	4.08876	0.0243829	0.21351677	2.7723500	21	4 23.5	21.0
372993 2011 CP_{80}	17.0	X	42.03331	198.28775	216.48531	3.60379	0.1208479	0.27425586	2.3462022	21	—	—
372994 2011 CD_{86}	15.8	X	331.60413	206.51117	324.15389	7.67392	0.0459137	0.18645698	3.0344754	21	1 4.9	20.1
372995 2011 CQ_{86}	17.3	X	210.56267	184.34467	271.47347	3.90246	0.1054132	0.23411366	2.6072632	21	7 27.9	21.1
372996 2011 CD_{87}	16.7	X	113.62264	280.13537	240.87450	3.03548	0.0223621	0.22269518	2.6956417	21	6 26.7	20.2
372997 2011 CC_{88}	16.7	X	305.62837	311.46564	330.43753	4.36314	0.0110199	0.20958508	2.8069142	21	4 18.8	20.5
372998 2011 CW_{89}	16.9	X	254.29327	153.91937	173.13173	6.69864	0.0417668	0.20939064	2.8086516	21	4 10.6	20.8
372999 2011 CR_{90}	16.5	X	200.43536	140.19705	163.36458	11.52595	0.0473943	0.18773877	3.0206476	21	1 11.8	21.1
373000 2011 CF_{92}	16.9	X	232.81261	347.26003	326.32912	9.48875	0.0551488	0.20035879	2.8924362	21	2 25.6	21.0
373001 2011 CW_{96}	16.3	X	166.24470	38.95409	264.79062	2.78836	0.1179591	0.17712694	3.1401205	21	—	—
373002 2011 CD_{97}	17.0	X	233.82597	172.04736	229.02354	5.34653	0.0355305	0.22426938	2.6830127	21	6 19.7	20.7
373003 2011 CF_{106}	17.0	X	181.05565	88.72131	324.99457	4.48617	0.0543466	0.21336206	2.7736900	21	5 1.2	21.1
373004 2011 CP_{107}	17.4	X	170.85424	243.33155	166.42728	4.89767	0.0311643	0.20822837	2.8190933	21	4 16.8	21.3
373005 2011 DA	15.9	X	290.27235	38.56201	146.84141	17.74924	0.1535894	0.17951712	3.1121855	21	—	—
373006 2011 DG_{2}	16.1	X	279.63372	211.73424	336.51088	8.43492	0.0414138	0.17544563	3.1601498	21	—	—
373007 2011 DL_{2}	15.9	X	338.83766	190.85137	333.91789	6.69889	0.1383808	0.18524063	3.0477444	21	—	—
373008 2011 DT_{3}	15.3	X	242.17495	152.30588	134.56556	11.58264	0.0941934	0.19096057	2.9865761	21	2 3.7	19.9
373009 2011 DV_{5}	16.4	X	308.98385	358.06497	156.09727	0.91058	0.1327154	0.17508378	3.1645025	21	—	—
373010 2011 DP_{8}	15.8	X	312.73504	20.52610	152.98710	13.61682	0.1115477	0.17630555	3.1498659	21	—	—
373011 2011 DU_{8}	16.0	X	151.14920	321.07687	159.19734	13.62265	0.1314908	0.21805548	2.7337453	21	6 28.5	20.5
373012 2011 DF_{9}	17.6	X	179.57284	290.06957	147.96361	5.70092	0.1399134	0.22117712	2.7079621	21	6 3.9	22.0
373013 2011 DW_{9}	16.0	X	47.24245	322.50073	168.04689	10.43926	0.0498825	0.19214788	2.9742604	21	2 22.6	20.0
373014 2011 DU_{10}	16.0	X	291.32254	23.04236	138.20475	16.18080	0.1887741	0.17303894	3.1893841	21	—	—
373015 2011 DC_{13}	15.9	X	322.80953	189.94929	315.68957	8.71664	0.2140818	0.17907229	3.1173372	21	—	—
373016 2011 DO_{14}	17.6	X	340.17049	221.93718	179.35732	1.98054	0.1679229	0.25725889	2.4484380	21	11 29.4	19.7
373017 2011 DR_{20}	16.0	X	262.45959	58.25748	144.35839	13.59673	0.0941186	0.17667657	3.1454545	21	—	—
373018 2011 DE_{30}	16.7	X	251.22455	354.44291	351.62539	1.62229	0.1053704	0.21277738	2.7787688	21	4 22.2	20.8
373019 2011 DK_{35}	17.2	X	237.38876	278.28279	163.92040	7.17750	0.1549658	0.23648512	2.5898036	21	8 3.5	21.2
373020 2011 DA_{36}	16.5	X	193.50933	251.54177	164.46998	6.32906	0.0085095	0.21424091	2.7660994	21	5 22.5	20.4
373021 2011 DO_{37}	17.3	X	162.08207	159.83684	275.67166	1.46107	0.0318338	0.21163064	2.7887977	21	5 7.3	21.1
373022 2011 DO_{39}	16.7	X	350.20818	292.44505	313.50933	4.04423	0.0618133	0.20851375	2.8165205	21	4 27.8	20.2
373023 2011 DF_{40}	16.2	X	334.79734	138.10755	349.86901	6.88580	0.0971804	0.17447193	3.1718964	21	—	—
373024 2011 DA_{41}	15.8	X	150.85846	154.97689	163.44148	8.98429	0.0155013	0.17388112	3.1790774	21	—	—
373025 2011 DG_{41}	16.2	X	78.16775	13.79627	355.45557	7.53286	0.0187047	0.16878918	3.2426966	21	—	—
373026 2011 DD_{45}	16.7	X	22.31121	24.22723	152.18137	6.64132	0.0125556	0.19997906	2.8960965	21	3 18.9	20.5
373027 2011 DM_{50}	15.4	X	359.66708	255.37344	276.38938	9.36182	0.0600554	0.19178404	2.9780209	21	2 5.7	19.3
373028 2011 EF_{2}	16.4	X	273.15817	102.73558	145.76437	10.01050	0.0838499	0.19205557	2.9752133	21	1 21.6	20.8
373029 2011 EZ_{7}	16.4	X	345.59324	317.65487	168.09991	9.59471	0.0409262	0.17529033	3.1620161	21	—	—
373030 2011 EM_{8}	17.5	X	240.99271	20.43785	48.22256	2.51186	0.1448179	0.23774133	2.5806727	21	7 23.6	21.3
373031 2011 EF_{12}	16.7	X	191.77008	317.00176	120.95595	14.67958	0.1552353	0.22726930	2.6593502	21	6 15.9	21.1
373032 2011 EM_{23}	16.7	X	182.37278	326.76532	146.57304	15.76429	0.2397413	0.22859156	2.6490852	21	7 19.0	21.4
373033 2011 EO_{25}	15.5	X	299.97130	41.95395	146.68288	9.88550	0.0505973	0.17423792	3.1747358	21	—	—
373034 2011 EH_{26}	16.4	X	119.72948	24.34631	77.28514	3.24535	0.0260349	0.20611614	2.8383202	21	4 19.6	20.2
373035 2011 EJ_{27}	16.2	X	263.78422	255.13448	160.49772	13.71494	0.1101023	0.23205749	2.6226419	21	8 5.6	19.8
373036 2011 EU_{28}	16.0	X	169.00020	194.17602	156.21569	10.43843	0.1000760	0.18582648	3.0413353	21	2 6.4	20.6
373037 2011 ER_{30}	15.7	X	286.49873	63.74546	114.25572	11.49282	0.0784138	0.17384168	3.1795581	21	—	—
373038 2011 EO_{37}	16.0	X	128.12538	261.77774	149.18831	10.53835	0.0921414	0.19226750	2.9730266	21	3 7.7	20.2
373039 2011 EK_{42}	16.1	X	341.36774	78.14291	151.27476	10.26033	0.0277144	0.20011741	2.8947616	21	4 2.1	20.0
373040 2011 EV_{51}	15.2	X	211.67838	278.21804	0.81992	21.08002	0.1365604	0.17679217	3.1440832	21	1 1.0	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373041 2011 EB_{53}	15.7	X	78.95839	236.04894	168.25805	17.43529	0.0187427	0.17221146	3.1995926	21	—	—
373042 2011 ES_{54}	15.5	X	311.29151	84.76489	134.45904	12.44926	0.0563099	0.19008414	2.9957492	21	2 4.5	19.7
373043 2011 EL_{55}	16.6	X	224.17516	313.64504	131.13970	12.76648	0.1728414	0.23264228	2.6182450	21	7 22.9	20.8
373044 2011 EM_{59}	16.0	X	187.63080	246.05205	92.37784	9.03172	0.1454000	0.18951204	3.0017753	21	2 15.1	20.9
373045 2011 EM_{60}	15.8	X	272.82466	105.15460	121.13175	11.18737	0.0385152	0.18166653	3.0875887	21	1 2.6	20.3
373046 2011 EV_{62}	15.7	X	211.24497	157.24967	111.23272	10.50007	0.0561767	0.17561744	3.1580884	21	—	—
373047 2011 EU_{65}	15.4	X	5.18693	60.60304	117.31715	13.11808	0.0741000	0.19712770	2.9239568	21	2 25.4	19.2
373048 2011 EF_{66}	16.9	X	273.16160	165.18455	175.25805	7.84919	0.0564312	0.21198896	2.7856543	21	5 19.9	20.8
373049 2011 EZ_{66}	16.7	X	271.21189	97.72907	274.59442	1.42101	0.0774364	0.22125494	2.7073271	21	6 23.8	20.4
373050 2011 EB_{72}	16.3	X	211.30025	271.99894	132.92109	4.86049	0.1023856	0.20884519	2.8135398	21	5 26.0	20.6
373051 2011 EK_{74}	15.7	X	317.74322	257.31526	251.62507	4.50798	0.1367015	0.17103790	3.2142117	21	—	—
373052 2011 EG_{81}	15.9	X	54.46550	115.77233	352.13118	12.39362	0.0618632	0.19151616	2.9807973	21	2 9.8	19.8
373053 2011 EA_{82}	16.5	X	181.31197	72.35920	356.24999	6.22479	0.0601000	0.21467777	2.7623455	21	5 20.9	20.6
373054 2011 EA_{84}	16.6	X	338.24376	333.67712	197.41523	5.17136	0.0855469	0.18507907	3.0495178	21	1 7.5	20.7
373055 2011 EQ_{85}	15.6	X	165.76777	306.07126	104.38882	10.13583	0.1004703	0.20438698	2.8543063	21	4 19.9	20.1
373056 2011 FE	16.6	X	359.53713	349.06170	178.52176	6.12577	0.1248504	0.18898909	3.0073102	21	1 27.8	20.2
373057 2011 FA_{7}	16.0	X	302.31465	357.25176	169.47500	3.71282	0.1411345	0.17301306	3.1897021	21	—	—
373058 2011 FK_{10}	16.3	X	24.56180	4.06937	167.13536	10.00457	0.0386051	0.19649004	2.9302793	21	3 15.0	20.2
373059 2011 FY_{10}	16.7	X	189.85100	335.37105	144.58450	4.93307	0.1376573	0.22800703	2.6536108	21	8 5.2	20.7
373060 2011 FT_{15}	16.6	X	245.00647	90.17220	5.37971	15.13648	0.0985034	0.24518921	2.5281440	21	9 12.1	20.1
373061 2011 FV_{27}	15.8	X	320.27347	198.95348	345.65943	11.07733	0.1938563	0.18185099	3.0855003	21	—	—
373062 2011 FM_{34}	17.1	X	157.49344	311.79557	170.09095	14.02761	0.1782965	0.22111534	2.7084665	21	7 7.7	21.8
373063 2011 FC_{37}	16.8	X	116.44692	285.79163	171.58409	9.66357	0.0941479	0.20270725	2.8700526	21	4 20.8	20.9
373064 2011 FJ_{37}	16.1	X	290.51739	33.58135	168.64241	9.90187	0.1018197	0.17700896	3.1415156	21	—	—
373065 2011 FC_{41}	16.0	X	358.46801	16.72169	104.69960	6.29854	0.0994198	0.17826263	3.1267693	21	—	—
373066 2011 FT_{43}	15.9	X	228.32688	308.36297	4.23819	9.64370	0.0878787	0.18838181	3.0137698	21	2 23.6	20.6
373067 2011 FD_{51}	16.1	X	310.60063	22.20797	163.80256	11.76638	0.0445098	0.17579889	3.1559150	21	—	—
373068 2011 FV_{55}	17.1	X	171.77139	83.84578	355.10169	5.76993	0.0911659	0.21203791	2.7852256	21	5 24.9	21.5
373069 2011 FD_{63}	15.6	X	289.34227	198.09281	10.97597	10.26168	0.0209849	0.17753429	3.1353153	21	1 5.7	20.3
373070 2011 FW_{65}	16.5	X	279.96986	307.25645	261.63818	3.99712	0.1182483	0.17552049	3.1592512	21	—	—
373071 2011 FU_{66}	15.2	X	296.33183	29.49896	144.23788	18.63976	0.0848587	0.17037523	3.2225407	21	—	—
373072 2011 FJ_{69}	15.6	X	65.78753	309.44968	113.55646	12.41640	0.0360712	0.17725248	3.1386376	21	—	—
373073 2011 FE_{72}	15.8	X	337.30181	324.71923	151.19133	12.57629	0.0520166	0.17043235	3.2218206	21	—	—
373074 2011 FM_{74}	17.3	X	196.22075	72.36686	357.95153	4.96378	0.1077395	0.21911157	2.7249540	21	6 9.4	21.5
373075 2011 FU_{81}	16.5	X	158.33219	355.46561	82.79685	3.24174	0.0309212	0.20711320	2.8292035	21	5 7.7	20.4
373076 2011 FE_{82}	15.8	X	95.98342	294.13703	13.26507	10.33171	0.0574995	0.15312399	3.4602480	21	12 2.6	21.0
373077 2011 FH_{88}	16.5	X	114.67319	243.51521	196.43061	1.50856	0.0992374	0.19700889	2.9251322	21	3 26.6	20.7
373078 2011 FE_{90}	16.4	X	344.15468	45.71164	135.10491	9.07388	0.0798416	0.18688073	3.0298866	21	1 28.3	20.3
373079 2011 FB_{91}	16.5	X	178.41257	225.51015	164.44341	2.50939	0.0696197	0.19986839	2.8971656	21	4 2.5	20.8
373080 2011 FJ_{95}	16.4	X	230.93445	54.75939	241.54032	1.93729	0.0978727	0.18380740	3.0635670	21	2 3.8	21.2
373081 2011 FL_{95}	16.6	X	245.05819	169.82333	201.18514	5.69690	0.0794220	0.21090298	2.7952087	21	5 21.3	20.6
373082 2011 FA_{97}	15.7	X	184.22419	345.52506	358.85533	10.49974	0.0542012	0.18700973	3.0284930	21	2 16.2	20.2
373083 2011 FZ_{97}	15.6	X	231.16411	265.96227	356.12808	9.72041	0.0690845	0.17606354	3.1527516	21	—	—
373084 2011 FL_{102}	16.3	X	288.10725	250.32914	295.73082	9.34203	0.0500407	0.17810330	3.1286338	21	—	—
373085 2011 FD_{120}	15.6	X	243.23074	242.72923	357.43354	15.73847	0.0532544	0.17293164	3.1907032	21	—	—
373086 2011 FR_{126}	15.6	X	160.46358	289.63734	100.62769	13.04484	0.0677301	0.19685668	2.9266398	21	3 20.3	20.1
373087 2011 FM_{130}	15.8	X	326.23047	9.43937	123.41442	12.88214	0.0505474	0.17317253	3.1877437	21	—	—
373088 2011 FO_{132}	16.5	X	281.60629	268.71806	346.09512	9.98776	0.1091142	0.18928214	3.0042054	21	2 7.9	20.9
373089 2011 FV_{132}	16.7	X	12.84752	170.27075	325.06038	0.69899	0.0745840	0.18688451	3.0298457	21	1 13.1	20.6
373090 2011 FD_{134}	17.2	X	173.71513	267.04649	180.05936	3.53152	0.1293754	0.21902125	2.7257031	21	6 8.9	21.5
373091 2011 FV_{134}	16.4	X	248.81033	20.49772	347.70279	2.98233	0.1089743	0.21311235	2.7758562	21	5 16.9	20.4
373092 2011 FB_{141}	15.1	X	223.77375	242.21859	7.04754	18.33261	0.0719432	0.16951249	3.2334657	21	—	—
373093 2011 FO_{146}	16.2	X	128.28771	258.84128	188.97514	8.57286	0.0666610	0.20214893	2.8753348	21	4 18.1	20.2
373094 2011 FR_{147}	14.9	X	231.09042	321.42319	305.10144	11.83039	0.0461238	0.17430041	3.1739770	21	1 5.8	19.7
373095 2011 FB_{148}	15.4	X	319.90396	64.93062	107.73494	13.57697	0.0760383	0.17780361	3.1321484	21	—	—
373096 2011 FU_{148}	15.9	X	334.05104	22.00163	134.08257	1.95908	0.1242070	0.17763551	3.1341241	21	—	—
373097 2011 FR_{150}	15.3	X	231.14708	275.89056	327.88519	15.64309	0.0853510	0.17250107	3.1960104	21	—	—
373098 2011 FN_{156}	16.4	X	12.55619	158.47159	9.50280	10.32975	0.0422836	0.19080923	2.9881550	21	2 26.4	20.4
373099 2011 GX_{9}	16.1	X	182.44945	240.28755	199.90888	15.22729	0.1843309	0.21300126	2.7768214	21	6 9.2	21.0
373100 2011 GS_{17}	16.9	X	75.40208	134.66598	314.73086	3.01638	0.1159047	0.18746940	3.0235405	21	2 18.8	20.7
373101 2011 GW_{21}	16.1	X	74.87953	111.58810	295.91078	6.77740	0.0302323	0.17268255	3.1937708	21	—	—
373102 2011 GK_{36}	15.9	X	36.34345	139.91939	333.10877	0.65667	0.0711189	0.18262516	3.0767743	21	1 20.3	19.8
373103 2011 GT_{36}	15.7	X	291.74095	220.64362	2.63881	22.58474	0.1212972	0.17786185	3.1314646	21	1 17.9	20.7
373104 2011 GZ_{36}	15.6	X	6.98879	282.99093	225.61853	16.15800	0.0916394	0.18250700	3.0781021	21	1 16.4	19.8
373105 2011 GX_{38}	16.7	X	225.86345	11.83056	114.26928	6.37258	0.1524049	0.24103160	2.5571334	21	9 21.9	20.5
373106 2011 GH_{42}	16.5	X	330.72544	209.23968	321.95976	6.88272	0.1297932	0.17859542	3.1228839	21	—	—
373107 2011 GV_{44}	16.2	X	83.07025	12.80289	61.81985	3.33496	0.0698392	0.18597856	3.0396772	21	2 6.9	20.2
373108 2011 GE_{45}	16.2	X	179.30885	221.96034	186.91730	11.45730	0.1022858	0.20498486	2.8487534	21	4 28.8	20.6
373109 2011 GK_{54}	17.1	X	97.65703	196.49623	268.51429	0.74740	0.0717743	0.19778582	2.9174670	21	4 1.7	21.1
373110 2011 GB_{56}	15.8	X	2.49738	347.32097	151.38546	9.75285	0.0427822	0.17997065	3.1069548	21	1 6.3	20.0
373111 2011 GS_{59}	15.7	X	334.31975	28.21127	135.76378	12.28334	0.0378694	0.17959310	3.1113076	21	1 1.9	20.1
373112 2011 GR_{62}	15.3	X	328.72811	66.16145	88.70643	16.98335	0.0338316	0.17271119	3.1934177	21	—	—
373113 2011 GG_{75}	16.0	X	193.04860	348.50820	75.41118	6.66951	0.1762473	0.21198850	2.7856583	21	5 29.3	20.5
373114 2011 GA_{76}	15.6	X	50.57141	22.48241	68.90960	11.74538	0.0995947	0.17816251	3.1279406	21	1 17.9	19.6
373115 2011 GJ_{83}	14.6	X	36.43356	202.26703	102.73002	9.14128	0.2576644	0.12469524	3.9679798	21	10 19.1	19.7
373116 2011 GZ_{84}	15.8	X	344.17402	133.98249	37.06144	9.71484	0.0387943	0.17829421	3.1264000	21	1 25.9	20.3
373117 2011 GQ_{87}	15.8	X	250.00661	66.35850	133.04392	9.15179	0.0612830	0.16848687	3.2465743	21	—	—
373118 2011 GU_{87}	16.3	X	340.26501	346.92106	158.47463	11.28848	0.1697415	0.17809150	3.1287720	21	—	—
373119 2011 HX_{4}	16.2	X	251.45895	30.95897	32.39436	13.71486	0.1609154	0.22827214	2.6515558	21	7 30.7	20.3
373120 2011 HQ_{10}	16.3	X	291.29214	213.93348	24.96467	3.34757	0.0751732	0.18380868	3.0635528	21	2 3.9	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373121 2011 HJ_{37}	15.4	X	44.20649	266.99406	184.18797	12.75088	0.0288695	0.17145149	3.2090405	21	1 4.4	20.1
373122 2011 HW_{43}	16.0	X	86.77704	269.31642	161.64924	8.70573	0.0644493	0.17872881	3.1213299	21	2 5.7	20.2
373123 2011 HC_{65}	15.7	X	359.19135	347.73636	156.00990	10.36252	0.0620686	0.17740982	3.1367816	21	1 6.9	19.9
373124 2011 HE_{65}	15.9	X	114.64708	216.84192	180.23137	14.25831	0.0683028	0.17789563	3.1310682	21	1 29.6	20.5
373125 2011 HO_{68}	16.0	X	82.18570	255.00002	185.01879	11.52749	0.0512544	0.18048806	3.1010140	21	2 7.4	20.3
373126 2011 HU_{70}	16.2	X	75.60115	323.88699	199.84735	13.72871	0.1695950	0.20402522	2.8576792	21	6 3.4	20.1
373127 2011 HA_{73}	16.3	X	262.42261	30.55624	193.56134	10.98244	0.0645197	0.17292736	3.1907559	21	—	—
373128 2011 HE_{75}	15.3	X	195.64495	88.67569	199.37856	19.14229	0.1105421	0.16946242	3.2341026	21	—	—
373129 2011 HK_{78}	15.5	X	306.99657	132.37190	79.93565	10.61984	0.0512365	0.18092996	3.0959627	21	1 25.9	20.0
373130 2011 HL_{86}	17.4	X	243.53810	151.96295	312.18680	2.39296	0.1684702	0.23735279	2.5834882	21	9 7.2	21.0
373131 2011 HM_{87}	16.2	X	69.55636	296.81048	146.20975	11.13687	0.0844679	0.17884813	3.1199414	21	1 31.3	20.3
373132 2011 HX_{98}	16.2	X	50.69872	270.09105	205.38626	11.18394	0.0686240	0.17812105	3.1284260	21	2 9.8	20.5
373133 2011 HP_{102}	15.4	X	239.74525	209.64273	101.93180	12.81275	0.0258808	0.18774245	3.0206082	21	3 13.4	19.9
373134 2011 KV_{18}	16.0	X	20.22983	341.48869	162.77666	18.49414	0.1739711	0.17801830	3.1296297	21	2 1.7	19.7
373135 2011 SD_{173}	19.5	X	286.07661	59.48411	203.13032	4.38805	0.4973620	0.46387677	1.6527264	21	—	—
373136 2011 YF_{6}	16.1	X	124.91635	285.20782	254.79813	39.34460	0.1864944	0.26341001	2.4101711	21	8 1.2	20.8
373137 2011 YA_{11}	17.7	X	149.17474	237.32149	279.76828	17.55282	0.0731340	0.36730943	1.9309958	21	8 9.2	20.2
373138 2011 YF_{24}	18.0	X	349.11538	333.39970	291.34249	16.01106	0.0630615	0.35187186	1.9870693	21	5 5.5	20.3
373139 2011 YA_{56}	17.4	X	156.96597	54.78822	88.45823	4.62764	0.1154088	0.26069744	2.4268608	21	8 4.5	20.9
373140 2012 AH_{17}	17.3	X	63.46503	298.77112	332.09122	19.18115	0.0479002	0.37133344	1.9170201	21	9 27.5	19.5
373141 2012 BN	16.3	X	28.83355	23.16141	107.10169	10.05252	0.0375469	0.22174265	2.7033559	21	1 22.8	19.8
373142 2012 BU_{9}	17.6	X	195.17148	271.58409	296.01329	4.50923	0.1829087	0.27914427	2.3187303	21	11 30.8	21.2
373143 2012 BC_{15}	17.5	X	144.72983	271.42117	294.48150	3.67143	0.1743233	0.26571368	2.3962205	21	10 11.2	21.5
373144 2012 BG_{15}	17.6	X	179.63317	344.36012	249.50748	2.68525	0.1264099	0.28367195	2.2939914	21	12 24.5	20.7
373145 2012 BO_{24}	17.7	X	5.32876	52.32211	321.42291	18.33880	0.1008545	0.38476140	1.8721546	21	—	—
373146 2012 BJ_{26}	17.6	X	288.67309	232.04050	147.29918	23.33541	0.0949575	0.36477447	1.9399316	21	7 29.5	19.4
373147 2012 BX_{27}	18.0	X	293.73262	198.47514	343.29385	5.32610	0.0965174	0.30429431	2.1891398	21	—	—
373148 2012 BU_{47}	17.5	X	178.72836	266.33301	298.28612	4.08106	0.1716330	0.27446721	2.3449976	21	11 10.8	21.3
373149 2012 BJ_{53}	18.1	X	301.74009	108.52762	62.08892	1.00378	0.1093133	0.30306487	2.1950562	21	—	—
373150 2012 BG_{55}	17.0	X	136.38554	109.54387	133.46440	10.66071	0.1045343	0.27184357	2.3600616	21	11 23.7	20.6
373151 2012 BF_{122}	18.0	X	147.76255	134.94085	117.53312	3.23644	0.1671189	0.27612739	2.3355888	21	12 13.7	21.6
373152 2012 BM_{122}	17.9	X	197.23079	261.78321	354.09526	3.30269	0.1189589	0.29264664	2.2468480	21	—	—
373153 2012 BM_{132}	15.7	X	51.02216	242.96695	333.26324	29.29328	0.3108494	0.23269532	2.6178472	21	8 9.9	18.9
373154 2012 BY_{148}	17.3	X	60.00572	66.76202	146.36281	25.60138	0.1843953	0.24191020	2.5509381	21	7 20.2	20.6
373155 2012 CJ_{7}	18.2	X	226.16900	35.58736	157.26810	2.22422	0.1106990	0.28854416	2.2680947	21	12 29.2	20.9
373156 2012 CL_{18}	17.3	X	149.09163	116.67386	112.04143	3.21086	0.1577739	0.27517828	2.3409561	21	11 16.4	20.9
373157 2012 CR_{19}	17.3	X	178.07813	247.38935	350.71405	6.27150	0.2098287	0.28414681	2.2914349	21	12 21.9	21.1
373158 2012 CY_{29}	18.1	X	256.16255	95.40987	121.74916	4.51771	0.0915843	0.30653332	2.1784667	21	—	—
373159 2012 CT_{47}	18.4	X	288.33893	80.63686	92.97952	3.04445	0.0656772	0.29873868	2.2161973	21	—	—
373160 2012 CU_{51}	17.8	X	171.13296	12.81499	178.46784	2.13363	0.1401797	0.26871151	2.3783652	21	10 20.4	21.4
373161 2012 CE_{53}	17.7	X	195.27673	250.92368	313.33276	2.54679	0.1896409	0.27926882	2.3180408	21	11 26.1	21.1
373162 2012 CH_{57}	17.5	X	233.87192	315.43777	275.78797	6.19192	0.1574084	0.29936548	2.2131027	21	—	—
373163 2012 DK	17.3	X	137.43425	94.66703	146.78478	7.59783	0.0903482	0.27312558	2.3526706	21	11 21.9	20.8
373164 2012 DS_{1}	17.6	X	100.95809	163.96752	92.98658	3.11580	0.1785776	0.26303826	2.4124414	21	11 6.7	21.3
373165 2012 DO_{4}	17.2	X	205.31353	105.17854	133.09969	22.30386	0.1812805	0.28880906	2.2667076	21	—	—
373166 2012 DX_{6}	16.6	X	329.88332	273.49008	340.57612	11.78671	0.2349949	0.22306234	2.6926829	21	3 11.9	19.8
373167 2012 DS_{13}	17.0	X	218.67364	193.51101	357.32702	10.04909	0.0525785	0.27770551	2.3267321	21	12 23.2	20.1
373168 2012 DH_{15}	16.2	X	316.57335	270.43313	11.66804	29.15268	0.3442273	0.21605668	2.7505798	21	3 21.9	19.9
373169 2012 DU_{19}	17.3	X	232.05962	244.18118	333.23982	8.05042	0.0689837	0.29123360	2.2541098	21	—	—
373170 2012 DW_{19}	16.0	X	3.44556	268.61177	298.78461	11.89668	0.1428479	0.22120113	2.7077661	21	3 14.4	19.3
373171 2012 DW_{25}	17.8	X	254.97480	142.41560	35.47841	6.12487	0.0938261	0.28563258	2.2834818	21	—	—
373172 2012 DO_{27}	18.0	X	179.50140	41.63769	179.46315	5.12778	0.1641259	0.27398769	2.3477329	21	12 4.5	21.6
373173 2012 DB_{30}	17.5	X	236.85370	182.24523	18.47851	2.76062	0.0944490	0.28704463	2.2759870	21	—	—
373174 2012 DT_{31}	17.8	X	224.40345	67.66433	148.51737	6.28827	0.1117398	0.28799006	2.2710031	21	—	—
373175 2012 DC_{32}	17.6	X	199.55984	75.51470	114.00887	5.50106	0.1706391	0.27657209	2.3330846	21	11 15.4	21.0
373176 2012 DX_{33}	17.7	X	199.68010	288.44273	338.02054	5.06565	0.0856192	0.29989171	2.2105130	21	—	—
373177 2012 DT_{35}	17.6	X	193.51844	207.20939	22.62355	3.63421	0.1199087	0.28308239	2.2971753	21	—	—
373178 2012 DO_{38}	17.3	X	8.30424	32.22954	181.88034	1.69041	0.2240410	0.22030532	2.7151014	21	4 5.4	19.7
373179 2012 DQ_{43}	17.4	X	132.91623	152.11494	139.55248	6.74201	0.0619236	0.28638840	2.2794624	21	—	—
373180 2012 DN_{46}	17.8	X	113.49899	201.26268	57.26672	2.26872	0.1593914	0.26263675	2.4148994	21	11 18.2	21.5
373181 2012 DO_{46}	17.9	X	208.27776	236.76460	43.50766	2.42320	0.0206941	0.30117503	2.2042291	21	—	—
373182 2012 DB_{47}	16.6	X	3.93764	72.01156	181.42776	14.46110	0.2253642	0.22642759	2.6659366	21	5 29.2	19.1
373183 2012 DT_{47}	17.9	X	223.90459	74.29066	150.89664	4.67327	0.1086875	0.28880282	2.2667403	21	—	—
373184 2012 DL_{53}	16.8	X	354.60230	130.09039	137.39862	4.77735	0.0761051	0.23258493	2.6186754	21	6 4.1	19.9
373185 2012 DM_{53}	16.8	X	24.05520	95.72831	162.14023	14.44197	0.1851534	0.23507598	2.6001429	21	7 19.1	19.5
373186 2012 DX_{58}	17.1	X	120.19326	234.35634	24.43975	4.79023	0.1822963	0.26599434	2.3945346	21	11 25.1	20.9
373187 2012 DG_{59}	17.9	X	235.89573	146.41602	26.30570	2.88370	0.1618687	0.28108390	2.3080510	21	12 4.9	20.6
373188 2012 DR_{59}	17.5	X	181.29867	65.98567	106.65427	3.79517	0.1139649	0.26435207	2.4044417	21	10 9.1	21.0
373189 2012 DD_{65}	17.9	X	302.65958	5.72338	150.26952	5.94072	0.0889481	0.29838133	2.2179663	21	—	—
373190 2012 DH_{67}	17.4	X	85.39921	119.04793	124.76984	6.91779	0.0778472	0.25166162	2.4846090	21	9 22.9	20.8
373191 2012 DD_{71}	18.0	X	240.99049	348.41908	234.68859	4.90984	0.1187704	0.29709582	2.2243597	21	—	—
373192 2012 DK_{74}	17.7	X	237.64251	247.25296	280.72789	2.15188	0.0994994	0.27925592	2.3181122	21	12 10.7	20.5
373193 2012 DH_{75}	17.9	X	126.91924	47.44293	180.45735	2.51111	0.1377956	0.26418107	2.4054791	21	10 23.4	21.4
373194 2012 DH_{76}	18.2	X	244.20715	39.44532	154.16601	2.70666	0.1566884	0.28825657	2.2696031	21	—	—
373195 2012 DN_{76}	17.9	X	296.02654	141.64822	22.58901	2.67046	0.0528848	0.29719518	2.2238639	21	—	—
373196 2012 DZ_{77}	16.2	X	324.38521	120.20608	110.67960	9.35944	0.2114530	0.21275177	2.7789918	21	2 10.5	19.8
373197 2012 DH_{78}	17.1	X	192.88564	180.14601	53.87274	5.72465	0.2066667	0.28337440	2.2955970	21	12 30.8	20.6
373198 2012 DD_{79}	17.3	X	181.53573	237.78512	318.32790	4.90228	0.1361226	0.27093985	2.3653067	21	11 3.8	20.8
373199 2012 DU_{81}	17.9	X	229.71442	186.92987	343.74582	6.09904	0.0820126	0.27981311	2.3150339	21	12 5.4	20.8
373200 2012 DF_{82}	17.8	X	124.03007	235.02422	345.73120	1.09706	0.1416149	0.25792878	2.4441968	21	10 10.2	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373201 2012 DF_{83}	17.3	X	189.20015	100.54792	154.59857	5.00112	0.0978906	0.28961515	2.2624997	21	—	—
373202 2012 DJ_{86}	16.5	X	163.21873	180.74827	55.00487	10.49697	0.1820968	0.27794548	2.3253927	21	12 5.6	20.2
373203 2012 DS_{86}	17.9	X	249.38644	230.58805	353.19765	3.24912	0.0915984	0.29840246	2.2178616	21	—	—
373204 2012 DO_{88}	17.5	X	169.27630	249.57207	347.45490	6.42161	0.0808825	0.27457833	2.3443649	21	12 19.2	20.9
373205 2012 DV_{90}	17.7	X	136.07259	117.10981	147.42629	4.05763	0.1675972	0.27659739	2.3329423	21	12 18.2	21.4
373206 2012 DB_{91}	17.8	X	205.90043	156.95146	127.85898	0.87493	0.1584441	0.30353698	2.1927796	21	—	—
373207 2012 DM_{94}	18.0	X	133.35904	240.09518	7.19072	2.35475	0.1320679	0.27429054	2.3460044	21	11 23.1	21.4
373208 2012 EJ_{2}	18.2	X	315.80199	174.21037	337.56998	4.01968	0.0781782	0.29917362	2.2140488	21	—	—
373209 2012 EK_{4}	17.2	X	45.05062	122.75232	103.34198	2.24745	0.0697678	0.23479807	2.6021941	21	6 26.7	20.1
373210 2012 EH_{8}	17.8	X	268.05487	266.56385	242.43957	1.87089	0.1284519	0.28186269	2.3037976	21	12 26.9	20.0
373211 2012 FE_{2}	17.8	X	159.17482	68.56276	186.66389	6.15082	0.1397172	0.28106154	2.3081734	21	12 28.9	21.4
373212 2012 FF_{7}	17.5	X	115.10824	42.69597	165.70537	5.97838	0.1191997	0.25578434	2.4578389	21	9 13.6	20.8
373213 2012 FO_{25}	16.5	X	314.23395	169.88158	100.27202	4.99967	0.2025635	0.21830920	2.7316268	21	3 20.8	20.0
373214 2012 FD_{30}	17.1	X	127.17733	165.91325	78.59844	5.20129	0.1302670	0.26340759	2.4101858	21	11 13.6	20.6
373215 2012 FE_{31}	17.4	X	137.62982	117.23217	132.82781	6.83209	0.0770671	0.26991023	2.3713181	21	12 1.8	20.9
373216 2012 FX_{33}	17.3	X	46.63474	175.31228	124.64728	4.51336	0.1197608	0.25527408	2.4611131	21	10 23.7	20.3
373217 2012 FJ_{36}	17.8	X	111.75639	50.17709	183.80536	6.07976	0.1324828	0.25831283	2.4417736	21	10 15.2	21.3
373218 2012 FK_{40}	18.1	X	198.37998	3.59854	190.49998	4.68747	0.1323564	0.27366846	2.3495583	21	11 22.4	21.4
373219 2012 FL_{40}	17.8	X	119.31201	34.96229	188.71174	6.13528	0.0720711	0.25815122	2.4427926	21	10 4.7	21.0
373220 2012 FY_{40}	17.9	X	153.05030	268.30531	327.69657	0.70290	0.1423685	0.27046322	2.3680848	21	11 27.7	21.5
373221 2012 FT_{54}	17.0	X	73.26499	177.33948	51.48235	5.22663	0.0469483	0.24080034	2.5587704	21	8 10.7	20.3
373222 2012 FV_{54}	17.7	X	289.84755	292.48305	215.75971	7.73159	0.1336767	0.28525054	2.2855202	21	—	—
373223 2012 FG_{56}	17.9	X	171.95342	98.75676	138.32621	8.45406	0.0822784	0.27635967	2.3342800	21	12 22.9	21.2
373224 2012 FG_{57}	17.7	X	196.13223	190.00299	354.97345	10.21127	0.1611882	0.26983519	2.3717577	21	10 31.6	21.5
373225 2012 FM_{60}	17.1	X	39.93647	101.49051	142.46213	9.78411	0.0894581	0.23493516	2.6011818	21	7 16.2	20.2
373226 2012 FG_{61}	17.2	X	59.23627	149.70355	62.92707	3.90006	0.0624616	0.23596182	2.5936312	21	6 28.4	20.3
373227 2012 FS_{61}	17.9	X	253.00984	28.32513	110.17568	3.25529	0.1364662	0.27158885	2.3615370	21	11 15.5	20.6
373228 2012 FW_{61}	16.9	X	3.38241	68.72582	153.99910	5.59707	0.1044057	0.22230359	2.6988064	21	4 16.8	19.9
373229 2012 FG_{65}	16.7	X	295.66445	126.65031	139.67182	4.97013	0.1929553	0.21162992	2.7888040	21	2 21.5	20.7
373230 2012 FY_{68}	17.1	X	160.26389	60.94997	125.28497	7.04137	0.0773415	0.26032292	2.4291879	21	10 5.9	20.6
373231 2012 FV_{69}	17.7	X	254.54832	168.66258	341.12117	1.91880	0.1582542	0.27873210	2.3210156	21	11 30.0	20.3
373232 2012 FV_{72}	16.9	X	196.98443	242.03827	355.38031	22.82817	0.1327516	0.28095492	2.3087573	21	—	—
373233 2012 FL_{73}	17.1	X	114.58527	249.65281	11.50316	1.81162	0.2109156	0.26128112	2.4232452	21	11 24.2	21.0
373234 2012 FE_{74}	16.2	X	312.23184	129.61249	128.57303	7.30172	0.1292358	0.20924146	2.8099864	21	3 14.9	20.0
373235 2012 FN_{74}	16.3	X	67.18227	240.99613	338.41284	12.48183	0.0737177	0.23961672	2.5671897	21	7 25.1	19.7
373236 2012 FA_{75}	16.2	X	259.98591	59.59160	226.49750	7.22914	0.1432809	0.20623818	2.8372003	21	2 11.6	20.8
373237 2012 FC_{76}	17.1	X	117.27282	171.37279	56.78827	6.03185	0.1361959	0.25858538	2.4400576	21	10 14.9	20.7
373238 2012 FA_{77}	17.7	X	272.06131	16.40403	200.90217	2.68630	0.0307282	0.30221780	2.1991559	21	—	—
373239 2012 FR_{77}	17.1	X	37.98097	262.72595	346.17081	6.86347	0.1746699	0.23710537	2.5852852	21	8 4.4	19.8
373240 2012 FK_{80}	17.3	X	174.50604	158.01107	111.55879	5.16301	0.1169102	0.28340609	2.2954258	21	—	—
373241 2012 GQ_{5}	17.4	X	197.76048	263.16971	32.85501	3.69591	0.1725723	0.29537532	2.2329890	21	—	—
373242 2012 GC_{7}	17.8	X	241.25769	267.95192	191.39753	22.13732	0.0883264	0.37206450	1.9145082	21	9 21.9	19.8
373243 2012 GU_{8}	16.9	X	4.56496	222.52905	357.77158	7.14924	0.1026424	0.22071733	2.7117215	21	4 11.5	20.0
373244 2012 GK_{9}	16.9	X	112.54878	29.10961	218.94862	5.38912	0.1021389	0.25946078	2.4345661	21	10 31.1	20.5
373245 2012 GR_{9}	16.8	X	37.40504	327.44780	359.74164	6.55381	0.1300842	0.25951666	2.4342166	21	11 14.6	19.8
373246 2012 GS_{9}	17.6	X	156.24564	40.57360	206.75900	6.02023	0.1086791	0.27221191	2.3579321	21	12 16.5	21.1
373247 2012 GC_{10}	17.4	X	318.47534	40.51799	236.32607	0.89039	0.1799541	0.21898073	2.7260394	21	4 5.2	20.9
373248 2012 GQ_{18}	17.7	X	198.03683	71.62642	106.92729	3.84847	0.1209596	0.26593964	2.3948630	21	11 2.8	21.1
373249 2012 GW_{19}	17.0	X	10.15664	108.69887	118.46472	3.11163	0.0252277	0.22282773	2.6945726	21	5 5.1	20.5
373250 2012 GG_{21}	16.5	X	242.60959	131.28611	139.76619	10.06280	0.1159809	0.19209256	2.9748314	21	1 14.7	21.3
373251 2012 GR_{21}	16.7	X	276.67638	118.03331	159.25739	5.05781	0.0769052	0.20855217	2.8161745	21	2 28.2	20.6
373252 2012 GW_{22}	15.8	X	165.83061	153.39700	148.96799	11.49001	0.0785917	0.17763450	3.1341359	21	—	—
373253 2012 GA_{31}	17.3	X	125.21307	222.89475	1.45310	2.29483	0.1433165	0.25556604	2.4592384	21	10 15.7	21.0
373254 2012 GB_{31}	17.3	X	219.38496	226.43656	32.51389	7.09091	0.1522989	0.29086022	2.2560385	21	—	—
373255 2012 GB_{32}	17.0	X	107.34147	48.63202	201.71042	8.39810	0.1883638	0.25675536	2.4516382	21	11 4.3	20.8
373256 2012 GC_{33}	16.1	X	287.75505	246.80463	41.92331	4.63370	0.1783865	0.21113772	2.7931365	21	3 15.7	20.2
373257 2012 GW_{33}	16.7	X	261.22908	337.04574	241.90953	7.36516	0.0827109	0.29527957	2.2334717	21	—	—
373258 2012 GN_{38}	16.5	X	231.42011	76.87424	170.47611	10.75283	0.1055946	0.18257098	3.0773830	21	—	—
373259 2012 GE_{39}	17.0	X	17.96831	155.37975	98.67532	5.31347	0.1787581	0.22946937	2.6423250	21	6 30.4	19.4
373260 2012 HF_{3}	16.5	X	356.67433	72.27887	139.63374	12.23465	0.1002026	0.21156625	2.7893636	21	3 25.2	19.9
373261 2012 HQ_{3}	16.5	X	212.46380	178.63209	120.91171	3.89167	0.1553859	0.18860159	3.0114280	21	1 20.6	21.4
373262 2012 HW_{5}	15.9	X	199.43910	99.77643	141.17559	13.05129	0.1343876	0.17191561	3.2032623	21	—	—
373263 2012 HH_{6}	16.9	X	10.54332	73.92112	130.08718	10.22259	0.0652425	0.21448146	2.7640308	21	4 7.8	20.5
373264 2012 HX_{6}	17.4	X	205.36920	95.09473	75.31921	3.28284	0.1550422	0.26781896	2.3836464	21	10 27.7	20.8
373265 2012 HD_{7}	18.1	X	49.38934	298.38532	145.06599	4.23334	0.0655689	0.30098864	2.2051391	21	—	—
373266 2012 HB_{11}	16.5	X	340.38400	238.79689	46.77903	11.98220	0.1746220	0.22700512	2.6614130	21	5 24.9	19.3
373267 2012 HW_{11}	15.9	X	180.08628	209.10447	104.04623	10.26192	0.0685844	0.18388916	3.0626588	21	1 4.3	20.5
373268 2012 HZ_{12}	15.3	X	173.73974	221.13599	103.34126	12.01244	0.0333697	0.18574989	3.0421713	21	1 7.9	19.6
373269 2012 HM_{18}	15.3	X	258.47747	153.61373	106.04545	10.41336	0.2228062	0.19080116	2.9882393	21	1 10.1	20.2
373270 2012 HB_{19}	15.7	X	211.21811	194.08536	112.94838	11.13684	0.0898351	0.19275456	2.9680162	21	1 28.2	20.2
373271 2012 HN_{23}	18.1	X	357.49611	338.73740	170.83065	2.87613	0.1140028	0.30476152	2.1869019	21	—	—
373272 2012 HO_{23}	17.3	X	269.08225	78.34668	49.62905	7.19177	0.0655767	0.27084386	2.3658655	21	12 3.9	19.9
373273 2012 HF_{26}	17.0	X	296.78011	178.33315	74.43345	3.13959	0.0282204	0.20619754	2.8375731	21	3 2.6	20.9
373274 2012 HN_{28}	16.4	X	322.72997	235.85981	114.71385	13.63188	0.1477915	0.23593637	2.5938177	21	8 3.0	19.1
373275 2012 HQ_{34}	16.9	X	25.72400	174.30399	72.63095	3.25442	0.1473069	0.23011370	2.6373903	21	7 2.8	19.6
373276 2012 HU_{35}	17.4	X	62.83904	349.82142	210.34333	2.85663	0.1459146	0.22916979	2.6446272	21	6 29.2	20.5
373277 2012 HC_{36}	17.7	X	25.40926	28.90106	59.94353	4.70834	0.0376002	0.29336055	2.2432012	21	—	—
373278 2012 HL_{39}	15.3	X	227.57562	14.63104	225.59306	16.31244	0.1571769	0.17615042	3.1517150	21	—	—
373279 2012 HE_{40}	16.2	X	317.66658	65.17900	204.70383	8.05719	0.2493750	0.21122519	2.7923654	21	3 14.3	19.9
373280 2012 HL_{40}	15.7	X	7.25689	284.20396	37.67951	12.03534	0.2836008	0.23817310	2.5775528	21	10 11.3	17.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373281 2012 HQ_{41}	16.5	X	259.84274	237.05868	96.59090	4.78187	0.0109519	0.22027118	2.7153820	21	4 29.6	20.1
373282 2012 HO_{43}	16.6	X	336.56162	113.85951	196.16286	5.62337	0.1641993	0.22987135	2.6392436	21	6 26.1	19.3
373283 2012 HD_{48}	15.5	X	162.37031	216.78521	103.24622	10.12701	0.1212861	0.17789584	3.1310658	21	—	—
373284 2012 HO_{48}	16.4	X	200.28506	124.92991	130.86043	10.15341	0.0593148	0.17487365	3.1670369	21	—	—
373285 2012 HP_{48}	16.2	X	313.19019	142.16618	129.10903	9.23465	0.0453765	0.21336314	2.7736806	21	4 15.9	20.0
373286 2012 HC_{49}	16.2	X	200.53642	201.77981	107.52714	12.05641	0.0831198	0.18938815	3.0030842	21	1 20.6	20.8
373287 2012 HP_{50}	16.9	X	10.61557	56.72648	163.41407	5.19076	0.0814190	0.21740629	2.7391847	21	4 26.4	20.1
373288 2012 HN_{51}	16.3	X	269.77671	169.27586	148.51347	9.93318	0.1512292	0.21226948	2.7831996	21	4 5.5	20.6
373289 2012 HV_{52}	15.8	X	175.81809	102.11315	218.52950	21.07178	0.1575989	0.18413900	3.0598880	21	1 9.5	21.1
373290 2012 HF_{53}	16.7	X	234.12766	97.38019	174.76274	9.66463	0.2052435	0.18880163	3.0093005	21	1 5.4	22.0
373291 2012 HO_{54}	15.6	X	229.74008	244.35838	17.21497	5.95757	0.1025009	0.18618774	3.0374000	21	—	—
373292 2012 HJ_{56}	17.8	X	216.32683	328.85873	207.93404	5.23663	0.2310201	0.27256870	2.3558740	21	11 8.2	21.3
373293 2012 HZ_{56}	17.0	X	65.70756	139.06332	73.38184	4.77380	0.1477446	0.23319753	2.6140873	21	7 22.5	20.3
373294 2012 HR_{58}	17.4	X	114.80060	8.58639	144.19959	4.48426	0.0479224	0.23275149	2.6174260	21	6 20.8	21.0
373295 2012 HA_{60}	16.6	X	256.61898	256.18733	55.21420	1.92761	0.1858516	0.20581376	2.8410995	21	3 10.8	21.1
373296 2012 HY_{60}	17.4	X	22.54198	58.05551	199.81449	4.34254	0.0766093	0.23188354	2.6239533	21	7 6.0	20.4
373297 2012 HX_{67}	16.5	X	0.09100	88.24881	194.34226	5.53920	0.1506588	0.22530550	2.6747808	21	7 3.9	19.3
373298 2012 HZ_{68}	15.8	X	226.06287	167.92778	112.71950	11.76097	0.0149376	0.19035236	2.9929344	21	1 13.8	20.1
373299 2012 HJ_{71}	17.0	X	307.28081	240.52747	40.68554	4.72782	0.0648317	0.21468357	2.7622957	21	4 14.4	20.7
373300 2012 HQ_{72}	16.2	X	267.80539	109.45618	199.61681	6.81539	0.2243182	0.21084073	2.7957589	21	3 12.1	20.7
373301 2012 HA_{75}	16.8	X	68.53427	0.34794	211.30880	4.56367	0.1801415	0.23323611	2.6137990	21	7 28.4	20.1
373302 2012 HL_{77}	17.2	X	15.23294	65.63435	159.27950	1.95915	0.1051964	0.21825068	2.7321150	21	5 9.8	20.2
373303 2012 HM_{80}	15.6	X	182.03236	226.23375	86.05771	11.60403	0.0708650	0.18142973	3.0902747	21	1 5.9	20.4
373304 2012 HR_{80}	16.9	X	90.43946	45.26730	244.72821	2.43802	0.1102414	0.25809123	2.4431711	21	11 30.0	20.4
373305 2012 HH_{82}	16.1	X	11.60167	51.10006	163.86465	34.14095	0.2068461	0.21738059	2.7394006	21	4 21.7	19.3
373306 2012 JT	16.0	X	47.99616	203.24698	22.89353	14.54520	0.2050231	0.22985564	2.6393639	21	7 28.3	19.3
373307 2012 JX_{1}	17.6	X	67.99423	74.03616	146.45076	4.70858	0.1754783	0.23546565	2.5972735	21	8 9.5	20.9
373308 2012 JZ_{1}	15.8	X	177.54200	209.24150	96.56708	6.74540	0.1534212	0.17803664	3.1294147	21	—	—
373309 2012 JG_{2}	16.2	X	353.83674	50.94098	213.51341	12.61441	0.1127367	0.21963704	2.7206060	21	5 28.2	19.3
373310 2012 JB_{3}	17.2	X	343.70973	89.64415	230.97552	2.65122	0.0879759	0.23492867	2.6012297	21	7 31.0	20.1
373311 2012 JW_{6}	17.1	X	136.74184	315.46156	223.98018	1.87353	0.1065360	0.24374108	2.5381477	21	8 27.4	20.8
373312 2012 JK_{7}	17.5	X	272.71394	235.24628	247.67609	4.66014	0.0563576	0.26701701	2.3884167	21	12 3.4	20.0
373313 2012 JP_{7}	16.9	X	192.93701	142.68324	237.01325	3.96470	0.0825289	0.20904658	2.8117325	21	4 2.9	21.2
373314 2012 JC_{8}	16.5	X	247.44111	23.55324	48.95319	8.34597	0.0776947	0.24257720	2.5462599	21	8 18.2	20.0
373315 2012 JE_{8}	17.2	X	67.27169	287.75723	257.01921	1.35802	0.0637314	0.22305698	2.6927261	21	6 1.8	20.6
373316 2012 JP_{8}	16.2	X	298.52775	218.30146	54.77094	14.32406	0.0718806	0.20843880	2.8171956	21	3 29.6	20.2
373317 2012 JP_{9}	15.7	X	277.27483	315.23197	229.79340	9.22159	0.0517098	0.17751012	3.1355998	21	—	—
373318 2012 JR_{9}	16.2	X	39.99269	118.62440	51.55549	4.68255	0.0404862	0.20991549	2.8039681	21	4 3.7	19.8
373319 2012 JD_{13}	15.9	X	179.74554	248.27647	62.54723	10.70420	0.1392926	0.17921583	3.1156726	21	1 6.6	20.9
373320 2012 JK_{15}	17.2	X	76.50091	125.12101	48.85546	5.39599	0.0391700	0.22224561	2.6992757	21	5 27.0	20.6
373321 2012 JL_{15}	16.9	X	41.97972	77.00011	55.73166	2.76104	0.0222107	0.19908817	2.9047299	21	2 17.8	20.7
373322 2012 JQ_{16}	17.1	X	190.47363	3.09199	126.71862	5.01409	0.0987075	0.24618785	2.5213026	21	8 22.0	20.8
373323 2012 JD_{19}	16.7	X	18.27490	345.66973	199.41224	4.60880	0.0944046	0.21043830	2.7993221	21	3 20.0	19.9
373324 2012 JW_{19}	15.6	X	162.85356	222.68420	85.93905	5.97586	0.2223859	0.17331337	3.1860163	21	—	—
373325 2012 JG_{20}	16.7	X	324.03650	175.41701	147.37111	6.33646	0.1333599	0.22787165	2.6546617	21	6 25.5	19.7
373326 2012 JX_{20}	16.9	X	7.99877	232.48852	45.28924	2.87644	0.0919548	0.22889898	2.6467127	21	7 12.2	19.9
373327 2012 JR_{21}	16.9	X	50.28019	234.86131	0.77315	3.34079	0.1506353	0.23108453	2.6299983	21	8 1.1	20.0
373328 2012 JY_{21}	16.2	X	111.65763	194.68804	349.40911	7.39178	0.1677107	0.23882643	2.5728499	21	8 14.3	20.0
373329 2012 JW_{23}	16.4	X	13.55240	172.93272	95.21441	13.40746	0.1556986	0.22619415	2.6677705	21	7 11.2	19.0
373330 2012 JZ_{24}	16.1	X	62.34426	185.65132	70.52580	14.48996	0.1228878	0.23838509	2.5760245	21	9 20.9	19.8
373331 2012 JG_{25}	16.2	X	343.47350	99.00973	215.04020	14.13809	0.1176100	0.23029648	2.6359946	21	7 16.2	19.4
373332 2012 JJ_{26}	16.4	X	223.82240	25.22277	198.80820	5.14873	0.1950484	0.17432301	3.1737027	21	12 30.5	21.4
373333 2012 JE_{30}	16.3	X	239.24507	260.43175	49.35409	10.21106	0.0702601	0.19932244	2.9024534	21	3 5.5	20.8
373334 2012 JZ_{31}	16.6	X	191.01914	270.88698	114.40960	5.43273	0.0866364	0.21105505	2.7938659	21	4 11.7	20.9
373335 2012 JE_{32}	17.0	X	304.84126	249.88743	31.28340	4.39680	0.0674813	0.21197024	2.7858183	21	4 10.7	20.6
373336 2012 JC_{34}	16.3	X	6.73032	22.07049	236.38792	14.00819	0.1472078	0.22366359	2.6878551	21	6 11.1	19.1
373337 2012 JL_{34}	17.0	X	11.59313	298.89620	10.15506	0.71708	0.1547033	0.23667529	2.5884161	21	9 8.8	19.5
373338 2012 JW_{37}	16.8	X	261.56186	200.40293	133.31157	3.62491	0.1885974	0.21182980	2.7870495	21	4 11.4	21.1
373339 2012 JQ_{38}	16.5	X	286.76806	151.27207	119.85272	16.13088	0.1174673	0.20237833	2.8731616	21	3 3.9	20.8
373340 2012 JF_{40}	16.9	X	6.86593	49.17615	157.23836	9.13510	0.1381300	0.21087798	2.7954296	21	3 31.2	19.9
373341 2012 JN_{41}	17.5	X	253.00894	63.62621	206.17152	1.78264	0.1388202	0.19160876	2.9798368	21	1 21.8	22.2
373342 2012 JG_{43}	17.3	X	101.18261	317.13244	236.56258	2.08904	0.0683504	0.23453590	2.6041330	21	7 30.9	20.8
373343 2012 JY_{48}	17.4	X	346.86921	188.79278	86.96772	6.57849	0.0514841	0.22466392	2.6798706	21	6 4.6	20.8
373344 2012 JC_{51}	16.0	X	201.22429	247.60032	87.58760	9.45954	0.1632609	0.19778208	2.9175037	21	2 23.4	20.9
373345 2012 JV_{52}	17.1	X	321.52512	35.82224	257.17714	1.11175	0.0504584	0.22261794	2.6962652	21	5 21.1	20.5
373346 2012 JN_{64}	16.6	X	247.09376	241.21047	114.86736	6.21528	0.0560688	0.21612586	2.7499929	21	5 8.1	20.5
373347 2012 JH_{65}	17.2	X	145.78293	74.13349	94.39404	2.02424	0.1755998	0.24311462	2.5425061	21	8 27.3	21.2
373348 2012 KP_{1}	17.6	X	20.99708	329.49680	148.57004	5.61270	0.0903041	0.30203293	2.2000532	21	—	—
373349 2012 KQ_{1}	16.6	X	210.33761	64.46697	190.00039	11.33932	0.1301590	0.17873131	3.1213008	21	—	—
373350 2012 KU_{3}	16.9	X	47.93565	22.04030	189.78873	10.62546	0.0643584	0.22590348	2.6700585	21	6 11.1	20.4
373351 2012 KL_{5}	16.8	X	161.70297	4.72454	151.34064	4.11329	0.1152367	0.24278183	2.5448290	21	8 24.5	20.4
373352 2012 KO_{6}	16.0	X	242.62557	204.18436	91.27130	11.39402	0.0891108	0.20057126	2.8903931	21	2 16.6	20.5
373353 2012 KJ_{7}	16.0	X	223.70111	84.64412	142.98440	17.30392	0.2151760	0.17471948	3.1688997	21	—	—
373354 2012 KD_{15}	16.9	X	10.10957	141.28115	112.22985	3.69432	0.0996365	0.22197982	2.7014300	21	6 10.4	19.9
373355 2012 KE_{16}	17.0	X	166.93563	77.36295	201.10370	6.10843	0.1201135	0.27416507	2.3467201	21	—	—
373356 2012 KS_{17}	16.8	X	283.76418	166.83501	157.47835	4.40429	0.0695389	0.21486401	2.7607491	21	5 9.9	20.5
373357 2012 KG_{26}	16.9	X	296.00001	240.99174	84.95217	5.54320	0.1041770	0.22235874	2.6983602	21	5 22.1	20.4
373358 2012 KG_{27}	16.5	X	294.42129	202.36474	103.32361	6.15347	0.1424077	0.21247925	2.7813674	21	4 20.1	20.3
373359 2012 KA_{31}	17.3	X	309.99472	99.60129	200.38566	9.02026	0.1845813	0.21839845	2.7308825	21	4 24.4	20.8
373360 2012 KE_{41}	16.2	X	250.79777	177.97124	175.27509	6.63162	0.0868378	0.21303203	2.7765539	21	5 5.0	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373361 2012 KM_{43}	16.7	X	308.09064	178.75357	113.70091	4.58974	0.0780585	0.21301818	2.7766743	21	4 29.9	20.3
373362 2012 KQ_{44}	16.3	X	273.35737	67.20833	158.93946	15.40879	0.1164191	0.18580588	3.0415601	21	—	—
373363 2012 KW_{46}	16.3	X	70.81043	134.25063	67.61484	12.62912	0.1003962	0.22735102	2.6587129	21	7 6.6	19.8
373364 2012 KZ_{47}	17.2	X	110.63950	63.54105	153.15438	1.88261	0.0858972	0.24274057	2.5451173	21	9 15.3	20.6
373365 2012 KD_{48}	17.2	X	41.79241	110.58487	119.78269	4.99603	0.0866988	0.22486478	2.6782745	21	6 29.8	20.4
373366 2012 KD_{49}	16.5	X	219.15670	115.39640	156.71918	1.31885	0.1733972	0.17909092	3.1171211	21	—	—
373367 2012 LC_{6}	16.2	X	149.34764	163.64216	162.92092	7.67356	0.1502231	0.17151735	3.2082190	21	—	—
373368 2012 LN_{6}	15.6	X	205.83936	164.10348	103.47595	10.20600	0.0511732	0.17562583	3.1579879	21	—	—
373369 2012 LP_{6}	15.6	X	214.44879	209.84421	109.79812	12.77450	0.0316958	0.19216243	2.9741102	21	2 18.3	20.0
373370 2012 LP_{8}	15.7	X	193.51679	147.94009	124.79397	10.16866	0.0630868	0.17413862	3.1759426	21	—	—
373371 2012 LO_{15}	16.6	X	85.79260	46.53700	207.75795	4.11029	0.1928766	0.24305225	2.5429410	21	10 17.5	20.3
373372 2012 LK_{17}	16.7	X	280.28319	129.15813	172.97049	6.44857	0.0402319	0.20646859	2.8350892	21	4 11.4	20.6
373373 2012 LB_{18}	17.1	X	185.41811	92.14785	119.40634	7.26008	0.0660745	0.26305153	2.4123602	21	12 5.3	20.4
373374 2012 LD_{19}	16.9	X	2.58069	117.05673	150.29048	5.46544	0.0746590	0.22183895	2.7025735	21	6 17.3	20.1
373375 2012 LR_{19}	16.6	X	220.17057	187.81664	144.41598	2.55211	0.0756138	0.19733645	2.9218943	21	3 7.6	20.8
373376 2012 LG_{23}	15.7	X	188.71947	181.34677	108.69232	10.13204	0.0766286	0.17609415	3.1523863	21	—	—
373377 2012 LR_{26}	15.9	X	268.49394	176.87517	151.68354	21.76120	0.1571771	0.21272178	2.7792529	21	4 19.7	20.4
373378 2012 MB_{3}	15.7	X	205.89735	46.37894	168.40745	17.99141	0.2322674	0.16457889	3.2977669	21	12 2.8	21.4
373379 2012 MJ_{5}	15.3	X	140.61415	195.65021	130.98644	18.17369	0.1240176	0.16943174	3.2344930	21	—	—
373380 2012 MC_{9}	16.8	X	83.81328	32.27600	218.18463	7.25909	0.0966084	0.24329879	2.5412229	21	9 26.7	20.3
373381 2012 RT_{4}	12.9	X	292.92956	53.31896	279.82331	16.64138	0.0819699	0.08492468	5.1260177	21	6 5.3	19.6
373382 2012 TK_{30}	15.8	X	131.81273	89.16426	17.38227	11.35587	0.0594488	0.18032049	3.1029349	21	5 12.7	20.4
373383 2012 TO_{307}	15.7	X	269.39745	19.39318	313.92709	9.01349	0.0234339	0.18235550	3.0798068	21	5 7.4	20.2
373384 2013 GB_{90}	17.0	X	34.67999	112.40993	187.60387	6.47602	0.1259762	0.27174435	2.3606360	21	10 7.4	19.5
373385 2013 JX_{36}	15.1	X	129.48221	184.16656	93.01382	10.51742	0.0614385	0.17554233	3.1589892	21	12 9.6	19.9
373386 2013 MS_{4}	16.0	X	279.01210	28.68201	283.47858	13.42700	0.1810570	0.21977919	2.7194328	21	3 24.5	20.4
373387 2013 MQ_{6}	15.6	X	307.43637	52.07433	261.13459	11.73104	0.1721020	0.22968599	2.6406634	21	5 6.9	18.9
373388 2013 NU_{3}	18.2	X	100.00351	120.85597	192.00200	6.92280	0.1362673	0.28090378	2.3090375	21	—	—
373389 2013 NU_{6}	16.2	X	77.64831	303.17481	334.15264	21.94897	0.2448504	0.26916173	2.3757122	21	11 5.7	20.4
373390 2013 NJ_{13}	16.0	X	250.54558	69.58574	218.29412	10.92974	0.1726045	0.20476457	2.8507962	21	2 2.3	20.9
373391 2013 OA_{7}	17.2	X	100.97865	85.39248	203.27925	5.76894	0.1420380	0.27478212	2.3432056	21	12 14.5	20.7
373392 2013 PR	15.9	X	221.22670	1.61076	249.72697	7.94990	0.0413915	0.17576277	3.1563473	21	—	—
373393 1972 RB	19.1	X	188.14681	153.01566	177.06649	5.25252	0.4877254	0.31319784	2.1474524	21	2 2.0	23.5
373394 1990 TQ_{9}	17.0	X	336.70731	34.14836	359.45732	7.50315	0.2327952	0.25511555	2.4621325	21	11 9.3	18.8
373395 1993 TF_{6}	16.1	X	221.55574	124.68197	217.97501	10.88934	0.1576525	0.19644602	2.9307171	21	3 15.3	21.1
373396 1994 SH_{10}	16.2	X	208.86733	20.80532	21.74175	5.43090	0.0246725	0.20889219	2.8131178	21	5 21.5	20.2
373397 1995 KJ_{4}	16.3	X	210.73035	208.79882	65.01646	3.99167	0.2289815	0.17539520	3.1607556	21	—	—
373398 1995 SY_{9}	18.0	X	76.34384	350.72774	358.76765	6.02186	0.1969111	0.27525785	2.3405050	21	—	—
373399 1995 SK_{25}	17.8	X	248.62465	219.51984	211.26351	2.40738	0.2596656	0.22122478	2.7075732	21	7 20.1	22.1
373400 1995 SP_{28}	17.9	X	99.92377	323.84886	342.13441	1.15542	0.1895625	0.27522381	2.3406980	21	—	—
373401 1995 SS_{47}	16.7	X	264.34307	36.34442	19.80382	6.07721	0.2453009	0.22231209	2.6987376	21	7 21.5	20.7
373402 1995 TD_{11}	17.2	X	213.53462	32.84971	18.81351	5.21395	0.1651106	0.21681796	2.7441375	21	5 31.5	21.7
373403 1995 UJ_{64}	15.3	X	339.09125	71.39113	48.70248	11.17190	0.0587219	0.16047950	3.3536907	21	—	—
373404 1995 VO_{15}	16.5	X	223.18638	181.27184	235.65245	7.74757	0.1379558	0.21630891	2.7484412	21	6 18.9	20.8
373405 1995 WO_{21}	17.3	X	54.39348	273.27347	80.38619	6.88032	0.1419493	0.26989856	2.3713865	21	—	—
373406 1996 RW_{14}	16.6	X	351.08545	325.11554	355.64653	7.40645	0.1662424	0.23542211	2.5975936	21	8 17.1	18.9
373407 1997 AQ_{3}	16.1	X	297.14532	253.74851	113.14620	12.31351	0.2063916	0.22484693	2.6784163	21	7 2.2	19.4
373408 1997 EF_{11}	17.4	X	71.46099	182.89255	227.35549	5.79784	0.2200720	0.28210184	2.3024954	21	—	—
373409 1997 EF_{21}	16.6	X	286.20499	16.67625	330.78190	9.40404	0.0496945	0.21577945	2.7529353	21	6 14.6	20.5
373410 1997 RL_{12}	16.8	X	199.90649	172.31948	177.51571	7.81282	0.2526378	0.18896653	3.0075496	21	3 8.5	22.0
373411 1997 SX_{14}	16.0	X	49.05666	122.36298	6.60074	13.45204	0.2452816	0.18097572	3.0954408	21	3 18.8	19.1
373412 1997 SD_{26}	16.6	X	118.51871	69.98293	348.56704	5.14157	0.1617995	0.18494305	3.0510128	21	3 14.3	21.1
373413 1997 TU	16.8	X	131.69755	23.86666	25.40633	9.79394	0.2646447	0.18363818	3.0654488	21	3 29.2	21.7
373414 1998 HA_{17}	16.2	X	205.91157	131.22638	6.91849	32.51924	0.2385230	0.23220645	2.6215202	21	9 16.9	20.8
373415 1998 HB_{27}	16.6	X	228.80654	100.12709	59.29951	4.84237	0.2086347	0.23658760	2.5890557	21	10 28.5	20.4
373416 1998 QG_{1}	17.7	X	122.17577	54.96110	196.80715	6.40588	0.4428365	0.26908453	2.3761666	21	11 26.6	22.5
373417 1998 SW_{38}	16.8	X	225.53538	141.39557	209.14699	1.57768	0.0752920	0.19985496	2.8972953	21	4 3.7	21.2
373418 1998 TE_{11}	17.6	X	338.00543	59.84968	19.79776	4.89739	0.1985191	0.26283455	2.4136877	21	—	—
373419 1998 TX_{29}	17.3	X	19.34278	84.99701	303.10067	4.12822	0.2435821	0.26288183	2.4133983	21	—	—
373420 1998 XL_{8}	15.6	X	63.16127	260.43170	238.45193	16.80800	0.0884295	0.19049849	2.9914037	21	3 27.3	19.7
373421 1998 XF_{17}	17.5	X	41.67473	265.71921	158.85689	2.70826	0.2469814	0.22310033	2.6923772	21	—	—
373422 1999 CD_{74}	16.4	X	129.35841	43.93796	160.40856	6.25170	0.1142325	0.24156133	2.5533937	21	9 22.9	20.3
373423 1999 CR_{128}	15.6	X	110.75510	111.88332	23.60849	14.10551	0.4461737	0.18849244	3.0125905	21	7 7.2	21.3
373424 1999 LP_{3}	16.6	X	353.71415	48.58828	222.23081	12.84724	0.2318370	0.22415920	2.6838918	21	5 28.7	18.8
373425 1999 MU_{1}	17.2	X	140.30356	27.49870	267.85489	13.66503	0.3448542	0.28633854	2.2797270	21	—	—
373426 1999 RE_{178}	17.2	X	183.87596	244.83537	172.75446	6.73397	0.0172586	0.21224599	2.7834049	21	5 12.5	21.1
373427 1999 RB_{252}	16.6	X	250.23643	114.14168	263.73828	6.46023	0.2411115	0.21436261	2.7650523	21	5 17.9	21.0
373428 1999 TC_{5}	18.5	X	182.29472	282.69182	192.36672	29.10535	0.5470229	0.34429719	2.0161077	21	7 16.5	23.5
373429 1999 TN_{44}	16.9	X	270.71675	35.97521	323.78943	2.81571	0.1079240	0.21333061	2.7739626	21	6 1.5	20.8
373430 1999 TP_{61}	18.1	X	58.91786	39.94991	356.38640	7.18579	0.0957967	0.28273419	2.2990610	21	—	—
373431 1999 TU_{62}	16.7	X	267.71744	165.96763	215.60290	3.18364	0.1089865	0.21391452	2.7689124	21	6 26.9	20.5
373432 1999 TZ_{68}	17.3	X	332.75323	280.69952	224.26916	5.29616	0.1048467	0.28252452	2.3001983	21	—	—
373433 1999 TF_{84}	17.6	X	113.70513	283.29928	6.71953	6.37619	0.2241633	0.27789466	2.3256762	21	12 31.6	21.6
373434 1999 TC_{111}	17.2	X	142.15524	36.63625	274.69483	5.03009	0.2202918	0.28499202	2.2869021	21	—	—
373435 1999 TF_{125}	16.3	X	315.59422	108.12378	227.96969	6.94349	0.1932897	0.21814080	2.7330324	21	6 20.7	19.4
373436 1999 TR_{158}	17.8	X	132.92215	120.48767	199.66375	6.38868	0.2609409	0.28677891	2.2773926	21	—	—
373437 1999 TQ_{170}	18.0	X	59.49414	33.36275	26.51024	2.75407	0.2172412	0.28266125	2.2994565	21	—	—
373438 1999 TK_{176}	17.5	X	100.30650	331.46539	2.52432	2.61503	0.1708358	0.28061947	2.3105969	21	—	—
373439 1999 TF_{226}	17.0	X	277.17161	143.27151	205.01534	3.97567	0.1459131	0.21540621	2.7561144	21	5 20.9	20.8
373440 1999 TJ_{261}	17.6	X	104.74403	154.25592	209.13050	2.64604	0.1894398	0.28279667	2.2987224	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373441 1999 TB_{328}	17.6	X	91.87189	94.38686	270.24878	2.79463	0.2546541	0.28219531	2.3019869	21	—	—
373442 1999 TQ_{332}	16.7	X	194.61037	70.53964	4.31813	4.08861	0.1003563	0.21129569	2.7917442	21	6 14.1	21.1
373443 1999 UY_{4}	17.5	X	42.45519	29.78928	35.94042	6.30824	0.2378028	0.28001347	2.3139294	21	—	—
373444 1999 UG_{18}	16.5	X	116.04110	111.06037	53.18374	4.43496	0.0339495	0.21436806	2.7650055	21	7 6.4	20.2
373445 1999 UP_{30}	18.0	X	129.21699	266.80890	36.33512	7.11531	0.2101946	0.28179558	2.3041633	21	—	—
373446 1999 UL_{33}	18.1	X	127.09041	310.71966	34.06685	5.03624	0.1686242	0.28421448	2.2910712	21	—	—
373447 1999 VA_{78}	16.8	X	53.96451	185.28379	222.39229	24.34706	0.2367500	0.28146605	2.3059614	21	—	—
373448 1999 VG_{122}	18.2	X	3.92255	356.46540	79.82549	3.37859	0.1595449	0.27581546	2.3373495	21	—	—
373449 1999 VQ_{129}	17.7	X	280.92218	241.48475	272.37987	2.07781	0.1093227	0.27657263	2.3330816	21	—	—
373450 1999 WA_{11}	16.3	X	248.52422	312.99335	48.83282	7.83797	0.2179628	0.21021352	2.8013172	21	4 30.1	20.8
373451 1999 XZ_{216}	17.7	X	63.94802	107.00231	286.07016	1.75081	0.1901340	0.27612628	2.3355951	21	—	—
373452 2000 AO_{212}	17.4	X	48.03279	150.24649	255.45510	5.87311	0.1757643	0.27834989	2.3231398	21	—	—
373453 2000 DD_{22}	17.4	X	262.57394	194.64633	328.58817	7.42860	0.1340555	0.26637682	2.3922419	21	—	—
373454 2000 DP_{113}	17.6	X	237.33137	154.81411	346.04277	2.32887	0.1289697	0.26050784	2.4280382	21	10 26.0	20.7
373455 2000 ES_{52}	17.8	X	5.83404	239.39833	169.26677	1.60676	0.1808998	0.26513098	2.3997301	21	—	—
373456 2000 EE_{62}	16.4	X	39.35282	251.57847	357.81648	28.78855	0.3771267	0.24068816	2.5595654	21	9 15.4	19.2
373457 2000 FJ_{2}	16.9	X	269.97037	125.75649	19.85074	6.80029	0.0950375	0.26132475	2.4229755	21	12 24.1	19.7
373458 2000 FB_{10}	17.8	X	256.89329	133.77571	20.61128	4.67092	0.1795767	0.26174839	2.4203604	21	12 2.2	20.5
373459 2000 GH_{45}	15.8	X	296.22206	223.20886	29.59871	11.18393	0.1677685	0.18188177	3.0851523	21	2 18.1	20.4
373460 2000 GX_{164}	17.4	X	195.64253	350.86910	200.52040	1.85823	0.1725725	0.25735711	2.4478151	21	11 9.8	21.2
373461 2000 JE_{87}	16.0	X	174.53797	242.29145	101.44395	3.19985	0.1530157	0.17828188	3.1265443	21	2 9.6	21.0
373462 2000 OP_{21}	16.8	X	317.87477	47.35631	291.42343	13.31781	0.2895597	0.23235055	2.6204361	21	6 11.8	19.7
373463 2000 PK_{17}	18.0	X	153.43895	33.85532	317.27772	4.83562	0.2573683	0.30569025	2.1824702	21	1 20.4	21.0
373464 2000 QK_{177}	16.3	X	309.21115	25.89247	328.61859	9.26143	0.2056643	0.23097650	2.6308183	21	7 5.9	19.3
373465 2000 QJ_{221}	16.4	X	322.86754	193.33613	132.51834	15.22508	0.2640602	0.23126476	2.6286317	21	6 9.7	19.3
373466 2000 RT_{19}	17.4	X	343.96568	83.07524	236.28145	5.16331	0.3447906	0.23276914	2.6172936	21	7 8.7	18.6
373467 2000 RJ_{99}	16.5	X	312.02320	138.13753	214.00893	12.77233	0.2825773	0.23056544	2.6339442	21	6 21.0	19.6
373468 2000 SS_{21}	16.7	X	273.94606	19.88933	1.59520	19.28275	0.2615191	0.22729105	2.6591806	21	6 10.0	21.1
373469 2000 SO_{42}	16.9	X	336.03218	109.34515	172.28200	10.80954	0.4366614	0.22838643	2.6506712	21	3 26.1	19.7
373470 2000 SF_{51}	16.7	X	314.20146	150.00131	207.38380	12.05043	0.1739040	0.23165396	2.6256866	21	7 19.6	19.9
373471 2000 SE_{81}	16.8	X	323.02453	302.73185	23.80413	13.24632	0.2789614	0.22917752	2.6445678	21	6 1.9	19.8
373472 2000 SY_{113}	15.9	X	351.99146	295.79430	26.47970	13.00788	0.1860859	0.23113049	2.6296496	21	8 26.8	18.5
373473 2000 SR_{137}	16.4	X	334.15570	324.99845	356.35751	14.72402	0.2016143	0.22959270	2.6413787	21	7 8.2	19.3
373474 2000 SS_{174}	16.7	X	248.90532	43.77000	328.48081	8.64675	0.2323578	0.22241589	2.6978979	21	5 7.5	21.2
373475 2000 SH_{181}	16.2	X	7.71214	290.38791	80.04130	4.20711	0.2748813	0.23969644	2.5666205	21	12 19.1	18.7
373476 2000 SO_{189}	16.8	X	307.92419	175.06914	207.08676	13.29413	0.2929860	0.23081201	2.6320680	21	7 23.2	20.0
373477 2000 SG_{228}	17.7	X	116.73298	8.69506	13.86349	6.30448	0.2154740	0.30068790	2.2066092	21	1 13.1	20.0
373478 2000 SF_{235}	16.9	X	276.49972	253.17939	179.99174	6.19904	0.2287284	0.23228675	2.6209159	21	8 28.5	20.2
373479 2000 SQ_{291}	16.7	X	265.35351	212.07994	221.78028	4.12412	0.2966972	0.22903188	2.6456888	21	8 4.9	20.6
373480 2000 SB_{316}	16.8	X	311.16956	107.09456	235.87993	15.50410	0.2501153	0.23030258	2.6359481	21	6 12.3	19.9
373481 2000 TP	16.7	X	336.20258	286.58809	45.88161	13.28341	0.2963797	0.23107969	2.6300350	21	7 18.4	18.9
373482 2000 TR_{21}	16.3	X	287.96714	226.88215	161.07074	14.06665	0.2713583	0.22872840	2.6480285	21	7 6.6	20.0
373483 2000 TV_{34}	16.8	X	311.81237	191.12677	182.52330	8.16551	0.2035917	0.23066973	2.6331503	21	8 5.0	19.6
373484 2000 UG_{3}	17.6	X	261.57163	224.41261	210.64591	20.62764	0.1000510	0.37249603	1.9130293	21	9 8.6	19.8
373485 2000 UJ_{6}	16.7	X	283.46326	193.52174	219.05009	12.46321	0.2743731	0.22888733	2.6468026	21	7 29.9	20.5
373486 2000 UB_{76}	15.8	X	239.23608	219.43246	228.89757	21.28746	0.0531551	0.22795300	2.6540301	21	8 18.3	20.0
373487 2000 VB_{3}	16.8	X	242.14630	220.80565	220.61421	7.17364	0.2461044	0.22532255	2.6746458	21	7 27.3	21.1
373488 2000 VZ_{54}	16.4	X	241.00613	5.53357	39.59530	11.38501	0.2109255	0.22218945	2.6997306	21	6 14.4	20.9
373489 2000 WA_{12}	18.1	X	178.30909	225.72936	118.70828	2.65343	0.2074923	0.30587902	2.1815722	21	1 30.5	21.3
373490 2000 WW_{23}	16.3	X	289.49631	308.28228	54.99128	14.06801	0.1710913	0.22361378	2.6882542	21	6 20.4	19.9
373491 2000 WQ_{71}	16.8	X	236.81410	119.06249	285.37693	6.74492	0.2158981	0.22207498	2.7006583	21	6 10.4	21.2
373492 2000 WU_{81}	16.6	X	248.66261	24.78530	52.32239	7.32022	0.1958192	0.22505470	2.6767675	21	8 8.0	20.7
373493 2000 WS_{85}	16.1	X	186.70864	196.36525	260.23128	13.02087	0.1452476	0.21861013	2.7291193	21	7 2.3	20.5
373494 2000 WE_{187}	16.3	X	296.63576	316.15762	62.43971	14.27805	0.1854734	0.22691944	2.6620829	21	7 24.2	19.8
373495 2000 XO	16.6	X	274.29182	162.45662	229.92261	12.25137	0.1685108	0.22491041	2.6779123	21	7 8.6	20.5
373496 2000 XK_{20}	17.0	X	251.38554	110.36441	328.93378	7.77618	0.3240184	0.22495514	2.6775573	21	7 28.8	21.3
373497 2000 XD_{49}	16.5	X	220.32906	50.62934	49.49833	13.38934	0.2589915	0.22098563	2.7095262	21	8 6.2	21.3
373498 2000 YC_{8}	17.1	X	15.69402	31.27711	93.35387	6.62068	0.0833159	0.29386097	2.2406539	21	—	—
373499 2000 YT_{16}	17.6	X	284.56575	131.28408	282.96997	16.54181	0.1241662	0.36944980	1.9235306	21	9 4.5	19.6
373500 2000 YH_{100}	17.5	X	233.06104	208.18524	267.50947	17.56941	0.0831668	0.36712778	1.9316327	21	9 25.9	20.1
373501 2001 BD_{10}	16.4	X	209.99345	125.01144	278.09021	4.67350	0.1001069	0.21239825	2.7820745	21	5 20.4	20.6
373502 2001 BE_{63}	16.0	X	174.10830	150.66153	296.12225	12.73093	0.2298630	0.21269986	2.7794439	21	6 10.7	20.9
373503 2001 CK_{42}	20.0	X	322.31187	220.05100	5.98335	10.27238	0.2806334	0.58193610	1.4208640	21	—	—
373504 2001 EG_{23}	17.0	X	296.33537	208.86983	309.02866	7.27261	0.1753537	0.28135322	2.3065779	21	—	—
373505 2001 FC_{11}	17.7	X	268.29302	176.46863	11.92942	2.35600	0.1332380	0.27993049	2.3143866	21	—	—
373506 2001 FY_{79}	17.0	X	285.05547	340.59126	201.38114	22.76607	0.2644309	0.28102400	2.3083790	21	—	—
373507 2001 FX_{119}	17.9	X	276.37648	184.45959	350.81858	4.10636	0.1427743	0.28034395	2.3121105	21	—	—
373508 2001 KW_{31}	16.0	X	171.21563	82.64869	220.40869	23.17129	0.3909886	0.17275243	3.1929095	21	—	—
373509 2001 KB_{44}	16.0	X	66.46014	50.28341	127.26094	9.77300	0.2921340	0.19966321	2.8991500	21	6 28.3	19.8
373510 2001 NX_{18}	15.1	X	146.02889	112.37907	250.08601	12.06804	0.2909458	0.17240039	3.1972546	21	2 11.5	20.7
373511 2001 OT_{48}	15.1	X	163.63435	204.59945	149.83746	27.41090	0.1685887	0.17383328	3.1796607	21	2 12.7	20.3
373512 2001 PN_{48}	15.3	X	163.98250	295.85058	44.76962	9.42238	0.2063813	0.17347319	3.1840592	21	2 3.3	20.7
373513 2001 RM_{20}	17.9	X	347.14137	353.01676	332.58769	3.26397	0.1937434	0.29507474	2.2345051	21	8 19.8	19.0
373514 2001 RE_{58}	17.4	X	293.69367	26.61258	18.01387	8.02247	0.2403983	0.24372184	2.5382813	21	8 18.5	20.3
373515 2001 RM_{90}	17.1	X	48.61223	296.38185	31.86552	7.83575	0.2326824	0.25346239	2.4728268	21	12 15.6	20.6
373516 2001 RS_{134}	15.2	X	156.94676	332.98029	7.48481	26.89123	0.1379390	0.16954667	3.2330310	21	2 1.0	20.7
373517 2001 RG_{146}	16.7	X	86.42876	40.21567	241.48626	11.18557	0.2515229	0.25508395	2.4623359	21	11 27.7	20.7
373518 2001 SO_{18}	15.9	X	129.44471	201.87738	159.84593	3.91977	0.1503543	0.16774809	3.2560994	21	1 18.9	20.7
373519 2001 SK_{23}	16.6	X	309.06327	6.78033	2.42039	15.45235	0.1405954	0.24258606	2.5461979	21	8 13.3	19.7
373520 2001 SM_{146}	17.3	X	308.10094	17.99914	358.00659	17.55086	0.1595738	0.24296562	2.5435454	21	8 19.4	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373521 2001 SH_{156}	15.5	X	128.72029	47.58272	342.38204	15.51508	0.1791859	0.17060858	3.2196016	21	2 24.4	20.5
373522 2001 ST_{158}	17.3	X	304.04680	199.53286	189.50239	20.25783	0.2677821	0.24304090	2.5430202	21	7 31.1	20.5
373523 2001 SR_{198}	16.1	X	122.39670	226.13024	154.46112	5.53485	0.1847815	0.16954216	3.2330884	21	2 6.2	20.8
373524 2001 SV_{205}	17.5	X	331.09070	168.19537	175.69288	16.03334	0.2145045	0.24374943	2.5380897	21	7 29.8	20.0
373525 2001 SG_{206}	16.2	X	130.98897	347.29786	35.74005	0.35479	0.1899322	0.17057583	3.2200137	21	2 18.6	21.1
373526 2001 SP_{213}	18.0	X	340.11809	317.50271	19.33511	5.25910	0.2699044	0.24448662	2.5329852	21	8 12.5	19.6
373527 2001 SN_{236}	15.8	X	122.83547	199.18236	182.66483	10.81798	0.1280881	0.16871168	3.2436895	21	1 30.8	20.7
373528 2001 SS_{243}	17.7	X	306.67853	29.53523	9.90040	11.93981	0.1658634	0.24479184	2.5308792	21	9 15.8	20.2
373529 2001 ST_{268}	15.5	X	111.76336	238.75216	171.80938	22.80035	0.1320326	0.17212051	3.2007196	21	2 21.8	20.2
373530 2001 SS_{275}	17.9	X	289.52489	231.83504	183.40472	11.42275	0.1412088	0.24417766	2.5351214	21	9 7.6	20.8
373531 2001 SF_{305}	17.1	X	297.24387	38.78498	359.86735	14.17700	0.1083521	0.24337776	2.5406731	21	9 6.4	20.0
373532 2001 SA_{348}	18.2	X	298.04146	178.47063	225.92848	5.25704	0.2830187	0.24304624	2.5429829	21	8 11.5	21.1
373533 2001 TF_{11}	16.8	X	76.67743	76.96262	286.14393	1.51779	0.1924675	0.25809646	2.4431381	21	—	—
373534 2001 TR_{169}	16.5	X	333.26622	350.57970	17.67325	17.94367	0.1882918	0.24268998	2.5454710	21	9 24.5	18.7
373535 2001 TX_{174}	17.3	X	333.11189	346.25511	26.52425	11.71664	0.2146608	0.24565491	2.5249478	21	9 29.4	19.2
373536 2001 TM_{176}	16.9	X	21.46363	163.60629	215.44159	3.99279	0.0540264	0.25228164	2.4805365	21	12 20.8	20.0
373537 2001 TJ_{178}	17.2	X	6.14695	352.19888	333.03681	3.87512	0.1461327	0.24437755	2.5337388	21	9 21.3	19.8
373538 2001 TA_{181}	17.3	X	314.49314	105.21987	283.62885	1.98262	0.1775530	0.24355965	2.5394080	21	9 9.2	19.7
373539 2001 TV_{195}	16.5	X	297.66870	337.91886	84.20893	13.24117	0.1603688	0.24382472	2.5375672	21	10 8.8	19.5
373540 2001 TV_{207}	17.9	X	346.93168	315.37335	61.48342	1.37112	0.1419239	0.24776324	2.5106035	21	11 1.7	20.4
373541 2001 TL_{209}	16.8	X	334.27410	72.25761	308.46179	6.66958	0.1622886	0.24578855	2.5240326	21	10 7.9	19.2
373542 2001 TF_{215}	16.7	X	299.74122	153.02824	284.55764	7.85262	0.1400311	0.24655660	2.5187881	21	10 26.2	19.5
373543 2001 TH_{250}	13.6	X	285.46471	303.59252	22.15868	24.11707	0.0399796	0.08409841	5.1595384	21	5 17.2	20.6
373544 2001 UQ_{54}	17.2	X	135.82487	353.89008	28.87227	13.03954	0.2155525	0.21872530	2.7281612	21	2 25.3	21.6
373545 2001 UP_{91}	17.3	X	298.70221	351.27846	51.64714	0.78363	0.1125387	0.24332138	2.5410655	21	9 11.4	20.2
373546 2001 UP_{97}	17.0	X	326.19439	3.26492	46.05168	9.15770	0.1027452	0.24735822	2.5133433	21	11 8.8	19.6
373547 2001 US_{113}	18.0	X	328.77936	342.13082	54.09451	3.74686	0.2213576	0.24582492	2.5237836	21	10 24.0	19.6
373548 2001 UL_{120}	17.4	X	287.59388	321.34061	71.42986	5.06528	0.1930689	0.23950685	2.5679748	21	7 27.9	20.5
373549 2001 US_{143}	16.1	X	101.61943	238.40365	169.99773	0.87740	0.2661980	0.16545819	3.2860730	21	2 27.9	20.8
373550 2001 UX_{161}	16.3	X	258.73593	237.33598	221.25360	12.12503	0.1055411	0.24088863	2.5581451	21	9 25.9	19.8
373551 2001 UC_{171}	17.5	X	316.74605	18.98079	26.65942	5.61963	0.2374868	0.24403478	2.5361108	21	10 6.1	19.2
373552 2001 UP_{222}	16.9	X	226.77315	89.85256	43.49565	5.20336	0.0380665	0.24343548	2.5402715	21	10 15.3	20.1
373553 2001 UY_{226}	15.8	X	28.79079	112.15192	52.31625	10.81430	0.0824346	0.17341515	3.1847696	21	3 22.1	20.0
373554 2001 UF_{227}	17.2	X	339.69410	289.66397	86.46720	3.92563	0.1756328	0.24657192	2.5186837	21	10 19.7	19.3
373555 2001 VE_{21}	16.0	X	291.67240	214.11398	233.01003	12.32876	0.1989347	0.24449967	2.5328951	21	10 17.6	18.7
373556 2001 VX_{30}	16.9	X	274.87080	28.57261	55.18214	3.44844	0.2222932	0.24042072	2.5614632	21	9 14.7	19.9
373557 2001 VP_{95}	16.6	X	313.01165	212.57663	202.27775	14.67268	0.1106170	0.24429450	2.5343130	21	10 24.0	19.1
373558 2001 VE_{124}	17.2	X	314.69275	189.65800	230.74012	5.02537	0.1633522	0.24558102	2.5254543	21	10 30.6	19.6
373559 2001 WE_{25}	17.9	X	275.80631	213.14664	222.26329	3.94827	0.2697083	0.24123914	2.5556666	21	8 23.9	21.4
373560 2001 WX_{27}	16.8	X	299.01146	200.60923	231.63322	15.82499	0.0961868	0.24388309	2.5371623	21	10 23.6	19.7
373561 2001 WG_{31}	17.0	X	282.65638	267.49869	191.67104	3.94475	0.2285551	0.24421642	2.5348532	21	10 16.6	19.6
373562 2001 WS_{87}	17.9	X	301.08127	123.46808	268.69630	4.46553	0.2193600	0.24061506	2.5600838	21	8 10.9	20.7
373563 2001 XP_{6}	16.1	X	327.49735	64.64512	309.78343	13.34470	0.2487590	0.24240439	2.5474699	21	9 2.9	18.3
373564 2001 XY_{12}	17.0	X	205.53432	154.86308	306.32534	11.67927	0.2348046	0.23142003	2.6274558	21	7 23.8	21.5
373565 2001 XM_{32}	16.4	X	123.90849	295.41822	243.80918	8.57543	0.0680575	0.23364270	2.6107658	21	8 6.0	20.2
373566 2001 XG_{57}	16.3	X	278.40232	174.15403	253.40053	7.34150	0.1548054	0.23894165	2.5720227	21	9 2.2	19.8
373567 2001 XT_{105}	16.6	X	293.46187	146.37347	310.90784	4.52595	0.2021758	0.24516831	2.5282877	21	11 5.0	19.1
373568 2001 XX_{106}	17.1	X	187.85238	36.40492	80.38071	6.19346	0.1591070	0.23254404	2.6189824	21	7 31.4	21.3
373569 2001 XH_{204}	16.9	X	272.56845	147.21729	290.97989	6.45752	0.1637264	0.23900128	2.5715950	21	9 7.8	20.2
373570 2001 XP_{259}	17.4	X	282.27983	344.19894	96.04847	5.56224	0.2672873	0.24200322	2.5502844	21	9 14.7	20.4
373571 2001 YF_{5}	16.5	X	259.96458	345.09058	92.87220	15.34423	0.2178876	0.23498316	2.6008276	21	8 21.3	20.4
373572 2001 YA_{7}	16.8	X	353.26283	9.07313	350.99568	5.48749	0.2210862	0.24345392	2.5401432	21	10 24.1	18.8
373573 2001 YM_{13}	15.3	X	17.68264	357.77744	75.82609	10.01775	0.0928825	0.15368990	3.4517486	21	—	—
373574 2001 YH_{51}	17.1	X	324.46361	93.77546	273.48376	10.85286	0.3418923	0.24110977	2.5565807	21	7 29.8	18.9
373575 2001 YP_{72}	16.5	X	312.29237	125.07213	294.91892	9.75859	0.2304434	0.24184456	2.5513997	21	10 10.9	19.0
373576 2001 YR_{75}	16.7	X	241.63074	161.38924	291.00952	6.32078	0.1598222	0.23503002	2.6004818	21	8 20.1	20.6
373577 2001 YB_{85}	17.2	X	259.04441	150.91285	296.98448	4.14559	0.3238551	0.23640034	2.5904228	21	8 14.1	21.0
373578 2001 YU_{151}	16.7	X	266.06823	125.59023	346.13254	6.02704	0.1824990	0.24224173	2.5486102	21	10 13.1	19.8
373579 2002 AW_{11}	18.7	X	41.22797	91.11777	95.55903	18.33081	0.3304307	0.56622109	1.4470338	21	—	—
373580 2002 AU_{48}	16.9	X	303.76533	257.45283	141.66496	2.55022	0.2199653	0.23715988	2.5848890	21	8 28.3	19.4
373581 2002 AV_{50}	17.2	X	258.86860	162.54530	301.00555	4.31408	0.2577759	0.23749753	2.5824385	21	9 10.9	21.0
373582 2002 AA_{114}	17.0	X	270.44810	341.86989	104.25992	5.02138	0.1865147	0.23708451	2.5854368	21	9 17.9	20.3
373583 2002 AJ_{137}	16.3	X	102.01232	46.78345	132.65151	6.53479	0.0331978	0.22486803	2.6782487	21	7 7.8	19.9
373584 2002 AN_{174}	17.0	X	274.96324	59.29965	49.48623	2.05604	0.1653062	0.24001522	2.5643474	21	10 27.2	19.9
373585 2002 AY_{174}	15.1	X	59.11002	302.37375	109.74256	8.84734	0.0741255	0.15106465	3.4916240	21	—	—
373586 2002 AQ_{185}	17.3	X	271.60760	84.74126	28.79158	4.50952	0.2254400	0.24057016	2.5604023	21	10 18.7	20.3
373587 2002 AL_{193}	17.0	X	336.41991	100.43646	279.93668	3.44283	0.2638390	0.24017079	2.5632399	21	10 13.4	18.5
373588 2002 CE_{12}	18.1	X	161.90183	216.71482	1.03202	18.81147	0.0932919	0.38714033	1.8644773	21	11 28.2	20.7
373589 2002 CG_{16}	15.9	X	178.51863	143.66856	35.77577	13.94185	0.1779713	0.23337213	2.6127833	21	10 10.7	20.2
373590 2002 CP_{32}	16.4	X	289.71771	78.63687	348.47587	12.07306	0.1540321	0.23630891	2.5910909	21	9 21.7	19.5
373591 2002 CU_{57}	16.7	X	234.34565	139.56302	326.56288	5.10210	0.2815947	0.23178508	2.6246964	21	8 19.4	21.0
373592 2002 CA_{59}	17.8	X	284.89115	293.25601	168.04983	26.20119	0.1214697	0.39151231	1.8505711	21	12 24.4	19.8
373593 2002 CN_{109}	16.4	X	106.54684	178.01016	346.13930	8.04146	0.1509351	0.21921066	2.7241328	21	7 10.9	20.5
373594 2002 CA_{122}	16.8	X	269.80824	283.23565	156.23432	7.15736	0.1925029	0.23520715	2.5991761	21	9 4.4	19.9
373595 2002 CL_{123}	16.3	X	264.55540	71.74129	314.76477	16.41692	0.3165585	0.23041027	2.6351267	21	6 2.2	20.9
373596 2002 CP_{124}	16.8	X	215.96788	279.24686	202.68695	3.37331	0.1645250	0.23115513	2.6294627	21	8 31.3	21.0
373597 2002 CX_{140}	16.6	X	189.73642	212.97039	288.98997	12.30000	0.1976721	0.23028983	2.6360453	21	8 25.9	21.2
373598 2002 CG_{149}	16.2	X	203.01340	330.33949	134.24063	12.13330	0.0796817	0.22717939	2.6600518	21	8 2.1	20.1
373599 2002 CB_{164}	16.3	X	296.06966	184.99692	257.38964	6.22604	0.2830418	0.23965033	2.5669497	21	10 2.7	19.0
373600 2002 CA_{217}	17.3	X	274.16341	314.53719	132.10519	5.63100	0.2900915	0.23583721	2.5945448	21	9 5.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373601 2002 CU_{227}	16.8	X	220.04342	169.97865	271.52979	7.05667	0.1534443	0.22777423	2.6554186	21	7 15.6	20.8
373602 2002 CM_{239}	17.0	X	233.65934	150.67387	323.37624	4.43192	0.2510476	0.23209291	2.6223750	21	8 30.9	21.2
373603 2002 CR_{241}	16.4	X	182.39748	201.28740	318.15313	11.21870	0.1861653	0.22939505	2.6428957	21	9 11.8	21.0
373604 2002 CP_{244}	16.3	X	276.68349	99.52526	345.76083	12.97562	0.2528612	0.23405885	2.6076703	21	9 11.3	19.6
373605 2002 CO_{251}	16.9	X	231.79488	97.68594	49.14962	4.98721	0.2140007	0.23816004	2.5776471	21	10 15.7	20.6
373606 2002 CF_{271}	16.6	X	293.83693	292.43460	107.23753	4.27646	0.1911178	0.23355096	2.6114494	21	8 16.7	19.5
373607 2002 CZ_{305}	16.7	X	199.39753	326.66456	180.23099	7.44044	0.1332340	0.23270007	2.6178115	21	9 18.6	20.7
373608 2002 CG_{315}	17.1	X	273.37816	225.90067	216.09575	3.48320	0.0795187	0.23477598	2.6023574	21	9 29.6	20.4
373609 2002 CJ_{315}	16.9	X	90.84508	285.20613	270.43692	6.65164	0.1644276	0.22110136	2.7085807	21	8 1.5	20.8
373610 2002 DE_{7}	16.0	X	228.52186	97.26488	34.16664	13.37114	0.2845395	0.23524703	2.5988824	21	9 20.4	20.4
373611 2002 EQ_{2}	16.6	X	116.74660	138.94136	51.07569	12.35650	0.1712084	0.22229846	2.6988479	21	8 31.4	21.0
373612 2002 EU_{5}	17.7	X	190.01922	240.73759	346.26924	20.88735	0.0728169	0.39339982	1.8446470	21	—	—
373613 2002 ER_{48}	16.9	X	223.30942	298.49506	176.38689	7.90548	0.1661989	0.22918258	2.6445289	21	8 29.4	21.0
373614 2002 ES_{73}	16.1	X	97.68879	190.22651	359.55753	16.24517	0.1620154	0.21815132	2.7329446	21	8 9.7	20.3
373615 2002 EW_{93}	16.7	X	269.30477	284.96217	149.64490	6.05182	0.2522900	0.23316251	2.6143490	21	8 18.3	20.2
373616 2002 EU_{110}	16.4	X	212.00072	105.02789	56.46919	7.82288	0.1630458	0.23257776	2.6187292	21	10 19.7	20.4
373617 2002 ER_{114}	16.8	X	204.47678	12.36808	128.38750	3.02072	0.1436388	0.22950951	2.6420169	21	9 16.4	20.8
373618 2002 FM	16.2	X	147.14777	245.13306	353.40025	22.60569	0.4709565	0.17812913	3.1283314	21	11 8.7	22.8
373619 2002 FA_{1}	16.3	X	232.14432	100.89089	359.80835	6.59756	0.2923719	0.22911151	2.6450757	21	8 11.8	20.8
373620 2002 GQ_{4}	17.5	X	353.44267	213.19752	194.67331	24.00099	0.0020767	0.38812780	1.8613136	21	—	—
373621 2002 GQ_{6}	16.5	X	243.64755	92.79411	30.70663	28.42706	0.3590146	0.23287894	2.6164709	21	9 24.9	21.1
373622 2002 GG_{88}	15.4	X	177.55428	43.87999	201.40109	27.68468	0.1627378	0.18217086	3.0818875	21	12 15.9	20.9
373623 2002 GQ_{161}	15.8	X	95.69590	167.13185	48.61706	15.08607	0.1791271	0.22257323	2.6966263	21	9 14.3	20.2
373624 2002 GP_{185}	17.4	X	63.83686	39.42487	33.67914	8.58517	0.0619250	0.29847550	2.2174998	21	—	—
373625 2002 JV_{82}	17.8	X	181.99753	203.97681	48.22853	3.27709	0.1727900	0.28648288	2.2789612	21	—	—
373626 2002 JQ_{99}	16.7	X	158.61628	32.99885	117.78230	14.37046	0.2252325	0.22102966	2.7091664	21	8 17.6	21.4
373627 2002 JG_{147}	17.1	X	226.70387	237.66584	29.72652	2.48985	0.4094176	0.18831958	3.0144336	21	—	—
373628 2002 LR_{31}	17.1	X	121.52194	226.93429	74.53610	6.42685	0.2774016	0.28002172	2.3138839	21	—	—
373629 2002 LF_{58}	15.7	X	308.25843	164.45822	113.17052	7.17992	0.0499970	0.20298724	2.8674128	21	4 17.4	19.6
373630 2002 ND_{55}	17.7	X	119.18457	246.76865	65.20604	1.34661	0.2238421	0.27819879	2.3239809	21	—	—
373631 2002 NH_{58}	15.9	X	159.81643	225.12957	166.86403	19.45239	0.0621051	0.19029218	2.9935655	21	3 16.6	20.4
373632 2002 NZ_{68}	17.4	X	270.18299	279.38610	275.03955	6.10129	0.0464665	0.28390113	2.2927567	21	—	—
373633 2002 NA_{69}	16.2	X	188.15783	219.38007	137.65860	10.85770	0.1124259	0.18948517	3.0020590	21	3 7.8	20.9
373634 2002 NJ_{70}	18.0	X	87.80013	130.07776	214.21755	4.80631	0.2431925	0.27655809	2.3331633	21	—	—
373635 2002 OO_{20}	18.3	X	109.26634	97.07417	184.55518	4.85774	0.2881399	0.27426652	2.3461414	21	12 19.2	22.5
373636 2002 OJ_{25}	18.1	X	48.16231	254.68197	120.75658	5.38967	0.2375187	0.27301550	2.3533030	21	—	—
373637 2002 OY_{28}	17.5	X	224.20883	276.23473	310.70754	5.84176	0.1389616	0.28198920	2.3031085	21	—	—
373638 2002 OY_{32}	16.4	X	133.67142	58.09766	316.79811	14.60910	0.0675802	0.18283960	3.0743681	21	1 27.9	20.7
373639 2002 PB_{2}	16.2	X	151.09284	9.34253	309.80940	17.18744	0.1964503	0.17727483	3.1383738	21	—	—
373640 2002 PF_{6}	16.6	X	176.75009	105.42654	223.20397	3.20481	0.1755805	0.18234448	3.0799309	21	1 24.3	21.7
373641 2002 PJ_{9}	15.5	X	163.21750	141.46965	262.05495	5.45065	0.2629349	0.18937905	3.0031804	21	4 11.6	20.8
373642 2002 PM_{28}	18.2	X	121.65897	41.93011	264.99611	3.47024	0.1950780	0.27714174	2.3298864	21	—	—
373643 2002 PR_{34}	17.9	X	121.12286	95.57759	175.27591	4.61100	0.1922961	0.27325440	2.3519312	21	12 12.9	21.7
373644 2002 PU_{80}	17.9	X	73.38045	284.06979	57.97644	2.18962	0.2043665	0.27352940	2.3503545	21	—	—
373645 2002 PS_{100}	16.1	X	158.81062	239.10469	134.91525	14.17632	0.1819639	0.18521383	3.0480385	21	3 5.2	21.1
373646 2002 PT_{101}	15.8	X	225.08351	106.49431	244.29778	9.03595	0.0776187	0.19338432	2.9615692	21	4 1.0	20.4
373647 2002 PG_{147}	18.2	X	71.43339	210.15864	162.22985	1.60363	0.2013258	0.27609312	2.3357821	21	—	—
373648 2002 PK_{165}	16.6	X	96.76370	29.00196	333.76022	9.60182	0.2511382	0.22561687	2.6723192	21	—	—
373649 2002 PA_{172}	16.1	X	169.52725	107.56710	286.76682	3.84713	0.2315530	0.18904198	3.0067492	21	4 4.6	21.4
373650 2002 PB_{172}	16.2	X	146.72590	248.88658	153.86396	8.18829	0.1148297	0.18824171	3.0152649	21	3 21.2	20.7
373651 2002 PZ_{176}	17.6	X	74.96086	161.70297	184.25427	6.81486	0.1403800	0.27454798	2.3445377	21	—	—
373652 2002 PR_{180}	18.1	X	92.33823	143.73413	175.79431	2.28443	0.1980020	0.27425333	2.3462167	21	—	—
373653 2002 QD_{6}	15.3	X	153.44560	78.31603	272.86760	25.47133	0.1859948	0.17905027	3.1175929	21	1 24.4	20.6
373654 2002 QW_{12}	16.5	X	180.50636	197.82318	184.11014	7.44939	0.1976511	0.18878788	3.0094466	21	3 30.9	21.5
373655 2002 QV_{27}	18.0	X	86.56878	313.58458	356.87670	4.32208	0.2038839	0.27202822	2.3589935	21	12 31.8	21.8
373656 2002 QV_{56}	16.8	X	178.11930	266.18216	64.38471	2.77667	0.2712672	0.18169482	3.0872681	21	2 2.4	22.3
373657 2002 QO_{62}	18.1	X	253.39755	110.00248	329.75831	18.59665	0.0947272	0.36429914	1.9416187	21	9 4.7	19.9
373658 2002 QW_{66}	18.2	X	68.85188	235.04346	109.54483	3.89985	0.1920089	0.27280410	2.3545185	21	—	—
373659 2002 QU_{67}	18.0	X	121.67418	101.29972	216.77386	1.77028	0.2067708	0.27757933	2.3274372	21	—	—
373660 2002 QU_{69}	16.5	X	187.04603	340.85508	16.32802	2.19246	0.1997159	0.18696318	3.0289957	21	3 7.9	21.5
373661 2002 QA_{70}	16.0	X	121.90770	72.91494	323.40827	15.29340	0.2428551	0.18116818	3.0932482	21	2 26.8	20.8
373662 2002 QW_{73}	16.3	X	196.83810	304.34459	19.33831	4.16537	0.1618962	0.18445292	3.0564152	21	2 6.0	21.3
373663 2002 QF_{80}	16.4	X	145.05198	129.81128	285.55176	4.77797	0.2001847	0.18735076	3.0248168	21	4 7.0	21.3
373664 2002 QJ_{81}	16.2	X	177.56245	45.10476	334.37714	9.25387	0.1166436	0.18951564	3.0017373	21	3 19.9	20.9
373665 2002 QP_{81}	16.6	X	140.84539	293.26299	92.75848	4.46502	0.3250095	0.18208538	3.0828519	21	3 14.7	22.0
373666 2002 QY_{82}	16.9	X	156.22563	203.38994	191.76617	4.18461	0.2672522	0.18628915	3.0362977	21	3 30.2	22.1
373667 2002 QX_{88}	17.1	X	246.55592	39.74439	228.52613	1.05777	0.2226942	0.18570282	3.0426854	21	1 10.9	22.3
373668 2002 QS_{89}	18.4	X	63.22203	142.32221	176.50474	1.10439	0.1881002	0.26907505	2.3762225	21	12 17.5	21.7
373669 2002 QL_{92}	16.4	X	213.23889	258.92412	56.07152	1.68840	0.1775424	0.18529240	3.0471768	21	2 8.7	21.4
373670 2002 QC_{96}	16.2	X	157.22273	258.15640	123.01664	11.23279	0.1404272	0.18618143	3.0374687	21	3 10.0	21.0
373671 2002 QB_{103}	17.0	X	120.62585	16.37769	29.65067	4.71688	0.2184619	0.18260425	3.0770092	21	3 10.5	21.6
373672 2002 QE_{106}	15.8	X	206.23168	226.71474	110.02570	10.75552	0.0924701	0.18684945	3.0302247	21	3 2.8	20.6
373673 2002 QM_{114}	16.1	X	157.32809	44.93960	307.86426	9.74872	0.1935221	0.18148035	3.0897000	21	2 5.8	21.0
373674 2002 QE_{115}	16.5	X	141.70083	75.13670	337.66156	6.14594	0.2506131	0.18686162	3.0300931	21	4 5.2	21.7
373675 2002 QY_{117}	16.2	X	102.39358	54.80955	323.20449	17.97354	0.0753146	0.17861714	3.1226308	21	—	—
373676 2002 QE_{122}	16.3	X	87.12090	116.45525	303.78818	10.82123	0.0848388	0.18059448	3.0997957	21	1 27.2	20.3
373677 2002 QC_{125}	17.6	X	71.07564	325.10147	26.95741	3.38459	0.2094480	0.27391804	2.3481308	21	—	—
373678 2002 QG_{127}	17.3	X	50.95611	19.81318	356.82224	7.58037	0.0970182	0.27472773	2.3435149	21	—	—
373679 2002 QQ_{135}	16.2	X	197.49486	7.47983	10.16608	11.23393	0.1772291	0.19019458	2.9945895	21	4 7.2	21.1
373680 2002 QA_{151}	17.0	X	165.75040	147.56390	209.19290	4.15902	0.2122225	0.18298082	3.0727862	21	2 17.5	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373681 2002 RJ_4	16.0	X	186.54986	98.81949	246.32979	10.37402	0.1596284	0.18501999	3.0501670	21	2 15.9	21.2
373682 2002 RT_5	16.3	X	157.34511	88.81572	301.08135	9.83096	0.3275320	0.18336967	3.0684405	21	3 23.5	22.0
373683 2002 RH_9	15.9	X	170.02578	28.69072	8.80328	3.24034	0.2836963	0.18785714	3.0193787	21	4 12.0	21.3
373684 2002 RG_{12}	15.6	X	206.70053	335.55533	352.16804	12.12594	0.1712135	0.18423869	3.0587841	21	2 20.0	20.7
373685 2002 RB_{20}	16.9	X	55.31797	11.72178	15.12482	7.18973	0.1542084	0.27349399	2.3505574	21	—	—
373686 2002 RT_{31}	15.5	X	212.47570	335.13622	327.86435	10.26370	0.1400433	0.18241640	3.0791212	21	1 27.0	20.4
373687 2002 RB_{45}	17.6	X	82.49934	228.07209	115.17366	2.93274	0.2298011	0.27362590	2.3498019	21	—	—
373688 2002 RL_{68}	15.8	X	208.57164	114.37323	178.05308	17.61046	0.2641955	0.18150424	3.0894289	21	1 9.3	21.6
373689 2002 RN_{76}	17.2	X	50.72941	342.81828	20.56892	2.67159	0.2365036	0.27050008	2.3678696	21	—	—
373690 2002 RL_{78}	15.7	X	253.97127	308.89729	345.03010	11.11380	0.0779001	0.18692822	3.0293733	21	2 26.9	20.1
373691 2002 RT_{80}	16.2	X	183.85660	151.06178	179.62105	9.52542	0.2931371	0.18152275	3.0892189	21	2 4.5	21.9
373692 2002 RM_{89}	17.8	X	59.49428	155.66937	181.10931	2.04508	0.2318739	0.26964968	2.3728454	21	—	—
373693 2002 RL_{114}	16.0	X	171.21735	206.47237	155.20364	8.52660	0.2018092	0.18283234	3.0744495	21	2 28.7	21.1
373694 2002 RC_{115}	17.6	X	76.45566	27.82911	300.88043	5.12129	0.1749460	0.27140566	2.3625995	21	—	—
373695 2002 RJ_{117}	17.3	X	41.60741	305.47641	82.56302	6.15958	0.2394589	0.26971346	2.3724713	21	—	—
373696 2002 RE_{141}	17.0	X	1.79965	15.91070	39.69207	11.08558	0.1879390	0.26834236	2.3805459	21	—	—
373697 2002 RH_{143}	16.4	X	149.96165	189.90927	185.24940	4.94122	0.1608193	0.18187246	3.0852576	21	2 22.0	21.3
373698 2002 RY_{150}	16.3	X	196.19780	120.54119	213.86157	8.60274	0.1384131	0.18479731	3.0526168	21	2 12.9	21.4
373699 2002 RL_{158}	17.9	X	85.87299	30.91658	303.04743	1.36672	0.2227772	0.27276402	2.3547492	21	—	—
373700 2002 RG_{171}	17.3	X	86.30632	251.86870	83.06922	3.50752	0.2136554	0.27347388	2.3506726	21	—	—
373701 2002 RK_{175}	15.7	X	230.78825	313.08625	337.93211	23.22948	0.2283976	0.18442435	3.0567309	21	1 31.1	21.2
373702 2002 RX_{197}	17.9	X	59.03101	233.48368	137.37432	1.95580	0.1933982	0.27250619	2.3562342	21	—	—
373703 2002 RS_{204}	16.5	X	156.73299	205.11650	166.98981	5.47541	0.2540198	0.18306075	3.0718916	21	3 3.6	21.7
373704 2002 RD_{237}	16.3	X	155.48150	1.40527	4.70337	5.45947	0.1436790	0.18278651	3.0749634	21	2 17.7	21.1
373705 2002 RK_{237}	15.7	X	146.06133	26.24166	358.38266	10.67884	0.1043345	0.18344283	3.0676247	21	2 27.2	20.3
373706 2002 RY_{241}	16.6	X	200.20184	88.24562	278.29425	3.78353	0.1362744	0.18929883	3.0040288	21	3 26.6	21.6
373707 2002 RK_{247}	18.0	X	47.79816	2.71486	3.73206	4.13336	0.2084926	0.27149476	2.3620826	21	—	—
373708 2002 RB_{249}	16.5	X	162.34847	29.65761	344.27176	5.11570	0.1398247	0.18451779	3.0556989	21	3 3.3	21.3
373709 2002 RZ_{252}	18.4	X	68.61775	129.34020	196.48502	4.82408	0.1532555	0.26938899	2.3743759	21	12 27.8	21.8
373710 2002 RC_{256}	16.5	X	214.03690	123.86423	202.67010	10.10800	0.1302996	0.18719976	3.0264431	21	2 19.5	21.5
373711 2002 RL_{258}	16.1	X	222.43625	307.01377	345.87867	10.82071	0.0751657	0.18168617	3.0873661	21	1 26.9	20.9
373712 2002 RR_{259}	16.2	X	178.37566	330.67093	25.45823	3.64973	0.1178574	0.18439215	3.0570867	21	2 25.6	20.9
373713 2002 RJ_{260}	16.6	X	204.55727	277.53878	23.79425	3.40456	0.1637465	0.18172056	3.0869766	21	1 17.8	21.6
373714 2002 RA_{261}	17.7	X	56.08277	279.91439	39.73907	10.67616	0.2397471	0.26796263	2.3827944	21	12 15.7	21.2
373715 2002 RH_{267}	16.0	X	267.63452	272.24338	356.35255	8.82243	0.0290440	0.18316968	3.0706736	21	2 18.9	20.4
373716 2002 RE_{269}	16.2	X	125.51253	64.09222	339.40186	8.55720	0.0828427	0.18393566	3.0621427	21	2 22.9	20.6
373717 2002 RF_{273}	16.1	X	64.84032	154.50430	341.52383	9.61599	0.0596589	0.18906375	3.0065184	21	3 25.5	20.2
373718 2002 RS_{276}	16.7	X	117.80254	211.80034	199.50387	3.20952	0.2085919	0.18122585	3.0925919	21	3 10.5	21.3
373719 2002 RX_{277}	16.3	X	146.63492	161.42044	253.03333	7.50450	0.1035934	0.18722420	3.0261798	21	3 29.6	21.0
373720 2002 RG_{278}	16.2	X	159.86323	115.98615	261.80683	2.46176	0.2530953	0.18459737	3.0548206	21	3 11.2	21.4
373721 2002 RV_{282}	17.6	X	15.30730	237.60317	200.68931	1.74945	0.1624659	0.27265895	2.3553541	21	—	—
373722 2002 SR_5	16.6	X	144.10012	303.69322	107.01335	2.24926	0.3342873	0.18237927	3.0795392	21	4 13.6	22.1
373723 2002 SV_{12}	15.9	X	147.79886	205.67196	192.96236	15.34239	0.1953883	0.18217878	3.0817981	21	3 22.2	20.9
373724 2002 SW_{16}	17.0	X	3.91652	65.23323	354.17765	2.11331	0.1822129	0.26813732	2.3817593	21	—	—
373725 2002 SZ_{22}	15.5	X	171.88220	323.54129	31.92019	8.27612	0.2745778	0.18241135	3.0791781	21	2 28.5	21.0
373726 2002 SO_{24}	17.4	X	111.83668	291.32422	30.17987	6.92434	0.2066309	0.27416244	2.3467351	21	—	—
373727 2002 SX_{29}	17.6	X	57.66470	267.87466	127.34547	3.02226	0.2248065	0.27409327	2.3471300	21	—	—
373728 2002 SF_{43}	17.4	X	57.90982	17.78658	350.25003	2.34582	0.2078485	0.27075431	2.3663871	21	—	—
373729 2002 SM_{49}	17.7	X	32.29986	31.65008	15.04642	7.05125	0.1403696	0.27192954	2.3595642	21	—	—
373730 2002 SL_{64}	17.4	X	71.36263	228.84361	113.90489	5.27499	0.1712768	0.27272821	2.3549554	21	—	—
373731 2002 SA_{69}	17.7	X	9.13185	29.88753	350.20085	2.86521	0.1071085	0.26576232	2.3959281	21	12 15.0	20.3
373732 2002 TC_{12}	15.8	X	109.21092	216.62845	181.94512	27.92478	0.1398554	0.17775537	3.1327150	21	2 3.2	20.7
373733 2002 TS_{14}	17.5	X	58.43250	322.25211	52.58264	2.98095	0.2135253	0.27152815	2.3618889	21	—	—
373734 2002 TH_{19}	15.6	X	153.24969	48.24186	8.48004	18.94695	0.1219570	0.18579275	3.0417035	21	4 9.8	20.4
373735 2002 TB_{25}	18.0	X	43.37722	217.67123	163.82858	2.51732	0.1842856	0.26953528	2.3735168	21	—	—
373736 2002 TQ_{27}	17.2	X	32.77671	161.30139	212.68370	2.42782	0.2014265	0.26694958	2.3888189	21	—	—
373737 2002 TF_{33}	17.5	X	49.86929	176.27243	208.59066	2.19326	0.1859465	0.27172275	2.3607611	21	—	—
373738 2002 TA_{35}	15.7	X	157.73723	11.91106	14.38973	13.35650	0.1159332	0.18202107	3.0835780	21	3 15.2	20.5
373739 2002 TE_{52}	17.0	X	21.24479	332.09776	50.59221	6.58944	0.2912862	0.26483511	2.4015171	21	—	—
373740 2002 TY_{60}	17.5	X	0.26096	63.21036	7.90235	2.08816	0.1855446	0.26796634	2.3827723	21	—	—
373741 2002 TK_{67}	15.6	X	171.82352	71.10414	252.64717	8.11265	0.2975895	0.17845776	3.1244897	21	1 20.4	21.2
373742 2002 TE_{72}	15.3	X	154.41025	158.01181	210.49669	27.53586	0.1386663	0.17948497	3.1125571	21	2 11.1	20.7
373743 2002 TH_{73}	16.0	X	159.36399	127.28311	234.20813	7.36095	0.2171128	0.17966879	3.1104338	21	2 16.9	21.3
373744 2002 TO_{74}	15.7	X	151.29478	54.93335	31.22012	10.60948	0.2341459	0.18829164	3.0147319	21	5 21.6	20.9
373745 2002 TL_{84}	15.6	X	120.30908	306.47303	99.01230	6.51621	0.1677720	0.17894636	3.1187996	21	3 5.1	20.3
373746 2002 TS_{85}	15.7	X	134.56766	212.98613	210.02373	9.73617	0.1430608	0.18356354	3.0662797	21	4 2.7	20.4
373747 2002 TF_{94}	16.2	X	152.85677	155.07846	197.61122	0.62845	0.1746656	0.17889714	3.1193717	21	2 1.1	21.2
373748 2002 TM_{130}	17.6	X	63.54081	132.91390	236.62225	3.78896	0.1552155	0.27293420	2.3537703	21	—	—
373749 2002 TN_{138}	17.3	X	38.60648	10.18107	355.47824	11.92156	0.2533997	0.26682433	2.3895664	21	—	—
373750 2002 TW_{142}	17.4	X	24.40398	310.41164	92.12259	4.37900	0.2337844	0.26866460	2.3786420	21	—	—
373751 2002 TF_{143}	16.0	X	195.98757	198.20612	145.32153	8.37712	0.2276919	0.18350946	3.0668820	21	2 28.1	21.2
373752 2002 TW_{144}	17.4	X	355.74561	114.81853	256.28722	1.19410	0.1869641	0.26191652	2.4193245	21	11 18.9	19.5
373753 2002 TK_{155}	17.4	X	42.73653	154.82632	221.98074	7.95011	0.1740132	0.27119847	2.3638027	21	—	—
373754 2002 TU_{164}	15.4	X	156.07629	264.60919	104.59764	17.40699	0.2527460	0.17884278	3.1200037	21	3 5.8	20.9
373755 2002 TY_{165}	17.3	X	58.59835	92.81681	261.39103	9.32312	0.2596021	0.27095312	2.3652295	21	—	—
373756 2002 TF_{169}	15.9	X	134.74550	157.17509	239.70561	15.80418	0.1710068	0.18074288	3.0980987	21	2 28.2	21.0
373757 2002 TM_{169}	15.6	X	141.87746	42.55711	332.08379	16.68924	0.1872274	0.17912016	3.1167818	21	2 18.2	20.4
373758 2002 TF_{187}	17.6	X	85.22972	101.37212	244.43591	3.68837	0.2293758	0.27300497	2.3533635	21	—	—
373759 2002 TS_{200}	17.1	X	88.60361	93.37242	211.36857	12.36520	0.2124038	0.26893550	2.3770444	21	12 25.3	21.1
373760 2002 TZ_{202}	15.4	X	140.45131	345.64279	26.15603	24.76839	0.1729327	0.17878981	3.1206199	21	2 24.9	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373761 2002 TQ_{204}	15.5	X	156.25605	13.19274	39.68413	12.04085	0.1636568	0.18507745	3.0495356	21	4 15.9	20.5
373762 2002 TE_{211}	15.4	X	100.12892	35.15341	42.78767	20.25996	0.2142099	0.17674939	3.1445905	21	4 2.7	20.1
373763 2002 TO_{221}	15.5	X	199.42670	295.56849	9.93416	14.96227	0.2847938	0.17951897	3.1121641	21	1 24.1	21.3
373764 2002 TF_{239}	15.8	X	83.87094	257.35303	217.31813	14.57605	0.3715478	0.17678278	3.1441946	21	5 12.9	20.4
373765 2002 TW_{246}	17.8	X	82.41899	183.86932	168.63907	1.06323	0.2115850	0.27219348	2.3580386	21	—	—
373766 2002 TA_{247}	15.4	X	99.76063	56.46942	32.21571	16.55708	0.0377238	0.18095744	3.0956493	21	3 19.7	19.9
373767 2002 TS_{247}	16.0	X	161.55267	181.78023	202.00924	22.34465	0.1538425	0.18175202	3.0866203	21	3 12.2	21.2
373768 2002 TT_{255}	15.7	X	72.19166	235.04597	199.84428	25.37854	0.2531580	0.17276999	3.1926932	21	2 13.3	20.1
373769 2002 TE_{268}	17.3	X	34.40227	48.14186	339.83460	5.50205	0.1943878	0.26862419	2.3788806	21	—	—
373770 2002 TM_{273}	17.4	X	346.48705	85.58269	358.00724	4.59178	0.1950520	0.26768077	2.3844667	21	—	—
373771 2002 TM_{282}	15.3	X	131.94556	149.23079	244.89337	8.69093	0.1349178	0.17746397	3.1361435	21	2 21.5	20.2
373772 2002 TJ_{290}	17.2	X	22.01220	155.50912	257.23892	6.47817	0.2390169	0.26864929	2.3787324	21	—	—
373773 2002 TR_{303}	18.4	X	28.26879	270.94692	109.95237	3.35027	0.2249546	0.26754851	2.3852525	21	—	—
373774 2002 TL_{305}	16.0	X	154.98606	340.36699	38.71222	16.46404	0.0806034	0.18100318	3.0951278	21	3 6.3	20.9
373775 2002 TJ_{307}	17.5	X	354.25720	327.31012	55.26873	8.73251	0.0800512	0.26273110	2.4143213	21	11 20.7	20.2
373776 2002 TF_{320}	15.8	X	89.11685	107.61001	350.71877	7.50883	0.2424063	0.18117157	3.0932097	21	4 7.6	20.0
373777 2002 TQ_{321}	16.7	X	133.08889	34.36971	320.69944	0.15595	0.1531865	0.17639096	3.1488490	21	1 14.3	21.5
373778 2002 TS_{331}	18.0	X	340.14178	22.20067	68.54733	2.38708	0.1561889	0.26922861	2.3753188	21	—	—
373779 2002 TH_{336}	15.8	X	118.13918	61.90404	32.97573	12.61212	0.0852275	0.18580802	3.0415368	21	4 18.5	20.1
373780 2002 TK_{341}	16.3	X	64.61393	353.34526	95.17822	6.18586	0.1302586	0.17573616	3.1566659	21	2 8.0	20.2
373781 2002 TG_{344}	15.5	X	172.82886	313.36997	54.27955	12.86375	0.0748524	0.18172895	3.0868816	21	3 9.2	20.4
373782 2002 TS_{346}	15.7	X	126.88981	356.58808	62.31084	11.31685	0.1444491	0.18062539	3.0994420	21	3 28.0	20.5
373783 2002 TG_{350}	15.8	X	170.94406	164.08803	224.28901	9.60970	0.1285363	0.18806960	3.0171042	21	3 24.7	20.7
373784 2002 TM_{355}	17.8	X	309.84673	296.19496	197.24477	7.10566	0.0545370	0.27432484	2.3458089	21	—	—
373785 2002 TL_{356}	18.4	X	86.75807	104.61717	205.88178	2.12221	0.2253865	0.27054459	2.3676099	21	—	—
373786 2002 UU_{4}	15.2	X	94.81386	300.13829	126.05739	18.60163	0.2665621	0.17459624	3.1703907	21	3 17.7	19.9
373787 2002 UJ_{5}	15.6	X	159.97718	313.52388	52.12630	16.36503	0.2399900	0.18086012	3.0967597	21	3 6.8	21.1
373788 2002 UL_{20}	16.0	X	160.46489	66.80935	339.06388	6.09038	0.3341239	0.18455200	3.0553212	21	4 15.4	21.7
373789 2002 UU_{32}	17.5	X	39.65526	149.86429	234.48767	4.28099	0.2427883	0.26774515	2.3840845	21	—	—
373790 2002 UQ_{41}	17.2	X	29.59987	293.16816	99.30099	3.25727	0.2144218	0.26692918	2.3889406	21	—	—
373791 2002 UJ_{61}	15.9	X	6.68225	274.46646	270.62397	9.16385	0.0311853	0.18834854	3.0141246	21	3 4.4	20.2
373792 2002 UN_{61}	16.9	X	198.91211	93.79706	207.94780	15.86962	0.2976098	0.18256672	3.0774309	21	1 11.9	22.8
373793 2002 UB_{72}	15.5	X	150.65718	355.60907	15.73923	9.55665	0.0748531	0.17648338	3.1477496	21	2 15.9	20.2
373794 2002 UP_{72}	15.8	X	152.25895	324.57175	37.63866	8.74873	0.1078519	0.17637116	3.1490847	21	2 9.9	20.7
373795 2002 UY_{74}	15.6	X	135.95634	289.11187	77.90474	15.55332	0.2605736	0.17492695	3.1663936	21	2 15.8	21.0
373796 2002 UP_{75}	16.3	X	168.24343	277.87339	66.54231	2.26931	0.1601650	0.17725100	3.1386550	21	2 5.5	21.2
373797 2002 VQ_{2}	15.5	X	87.40310	219.04952	231.97745	16.04216	0.2077172	0.17651688	3.1473514	21	3 19.8	20.0
373798 2002 VG_{17}	17.1	X	68.12123	349.80117	73.68965	5.21166	0.2173579	0.27463261	2.3440560	21	—	—
373799 2002 VL_{29}	17.1	X	359.30145	11.56574	45.89404	5.06737	0.1578736	0.26435815	2.4044047	21	—	—
373800 2002 VU_{32}	17.2	X	8.11564	313.26226	97.08992	3.16966	0.1901358	0.26457735	2.4030765	21	—	—
373801 2002 VA_{36}	17.4	X	20.56317	333.11286	56.67381	2.15730	0.1911792	0.26527777	2.3988448	21	—	—
373802 2002 VP_{41}	15.4	X	194.71209	315.01918	44.93001	10.30296	0.1061774	0.18148767	3.0896169	21	3 20.8	20.3
373803 2002 VE_{45}	15.5	X	117.53079	128.27248	290.04503	9.99962	0.1887072	0.17682670	3.1436739	21	3 12.3	20.4
373804 2002 VY_{67}	16.0	X	110.66171	281.91678	120.49269	6.44437	0.1583692	0.17279305	3.1924090	21	2 16.9	20.5
373805 2002 VG_{75}	15.8	X	158.40370	239.95955	115.77895	2.99010	0.1796234	0.17630743	3.1498435	21	2 10.9	20.9
373806 2002 VW_{92}	15.6	X	118.32948	202.24306	209.85543	7.87120	0.2001786	0.17620666	3.1510442	21	3 10.1	20.4
373807 2002 VW_{113}	15.5	X	126.80373	315.40753	53.96794	11.52677	0.2038844	0.17293727	3.1906339	21	2 3.5	20.5
373808 2002 VW_{114}	16.0	X	121.64090	68.74335	315.19340	8.64615	0.2356676	0.17562029	3.1580543	21	2 13.9	20.9
373809 2002 VZ_{114}	15.9	X	91.72502	170.47735	258.18938	16.78101	0.1980229	0.17613839	3.1518584	21	2 21.2	20.6
373810 2002 VV_{125}	15.5	X	81.05725	187.42392	269.00137	13.61999	0.0595621	0.17618506	3.1513018	21	2 23.3	20.1
373811 2002 VY_{129}	16.3	X	125.48362	146.05017	219.47936	10.18936	0.1042616	0.17280158	3.1923040	21	1 10.9	21.1
373812 2002 VC_{134}	16.0	X	155.54347	304.48475	66.17662	1.90671	0.1827755	0.17868635	3.1218244	21	2 25.8	20.9
373813 2002 VP_{139}	12.9	X	270.29962	302.79859	31.56197	17.04817	0.0276809	0.08189223	5.2517929	21	5 15.4	20.0
373814 2002 VU_{141}	15.6	X	134.20841	323.70073	68.80291	16.90623	0.0849057	0.17577075	3.1562518	21	2 28.6	20.6
373815 2002 VW_{142}	16.4	X	167.16496	148.35561	202.44631	8.00722	0.2079552	0.17754811	3.1351526	21	2 11.4	21.8
373816 2002 WA_{23}	17.0	X	262.22576	89.44999	67.62442	7.39654	0.2189217	0.26131858	2.4230136	21	12 8.2	19.6
373817 2002 WL_{24}	16.4	X	141.24958	300.57668	78.28147	2.17852	0.1746537	0.17572909	3.1567507	21	2 22.1	21.3
373818 2002 WV_{26}	16.0	X	62.20380	49.45086	48.10269	11.85412	0.0898053	0.17459907	3.1703565	21	2 15.5	20.3
373819 2002 WH_{27}	15.8	X	155.28889	285.25930	96.76299	8.66479	0.2372206	0.17890432	3.1192882	21	3 17.4	21.2
373820 2002 WG_{29}	13.2	X	181.94742	10.71868	58.97808	11.92003	0.0467877	0.08292881	5.2079375	21	5 29.7	20.3
373821 2002 XG_{8}	17.5	X	16.11075	315.71740	96.32966	2.33979	0.1792991	0.26621956	2.3931839	21	—	—
373822 2002 XH_{8}	17.4	X	357.89711	331.44528	93.46971	2.61832	0.1659541	0.26488397	2.4012218	21	—	—
373823 2002 XJ_{10}	17.3	X	0.07638	1.84947	46.84141	2.36474	0.1820586	0.26360463	2.4089846	21	—	—
373824 2002 XJ_{11}	16.8	X	326.85180	5.18190	73.71749	7.75090	0.1727163	0.26195689	2.4190759	21	12 30.0	18.8
373825 2002 XD_{12}	17.6	X	257.62435	145.52592	273.99999	9.36695	0.2004166	0.35534221	1.9741108	21	7 23.7	20.0
373826 2002 XP_{15}	15.7	X	162.81782	14.53869	352.74449	12.11830	0.1842310	0.17866492	3.1220740	21	3 1.1	20.8
373827 2002 XD_{20}	15.9	X	118.45225	107.86867	326.32300	4.94635	0.1565791	0.17801096	3.1297157	21	3 31.5	20.6
373828 2002 XH_{39}	17.3	X	17.66284	150.27485	256.45946	4.90617	0.1868796	0.26571134	2.3962345	21	—	—
373829 2002 XN_{50}	17.5	X	317.09397	15.25911	82.67563	3.69277	0.1568527	0.26175113	2.4203435	21	—	—
373830 2002 XC_{58}	15.9	X	285.11116	257.16087	256.31173	20.30983	0.3006804	0.26068179	2.4269580	21	12 31.9	17.8
373831 2002 XQ_{72}	17.1	X	352.61000	17.40063	32.52784	6.14419	0.1904771	0.26187404	2.4195861	21	—	—
373832 2002 XO_{87}	15.4	X	148.28816	5.79289	8.91435	16.01437	0.2848382	0.17837222	3.1254884	21	3 7.2	20.8
373833 2002 XY_{92}	16.0	X	99.55095	347.27567	62.83544	5.91174	0.1621443	0.17162839	3.2068351	21	2 15.1	20.5
373834 2002 XD_{113}	17.9	X	12.90532	40.74513	51.80481	2.96174	0.3167904	0.26814100	2.3817375	21	—	—
373835 2002 YX_{15}	15.4	X	119.97883	123.30719	250.61784	14.32715	0.2171901	0.17233735	3.1980342	21	1 26.3	20.4
373836 2002 YG_{17}	16.8	X	286.40301	189.63345	265.76741	9.71065	0.2208464	0.25601502	2.4563623	21	10 16.6	19.5
373837 2003 AA_{65}	17.0	X	343.33937	359.00673	71.37007	12.08698	0.2246769	0.26052839	2.4279105	21	—	—
373838 2003 BG_{30}	16.7	X	179.10037	207.56430	308.45370	13.08782	0.1221191	0.24374208	2.5381408	21	9 5.9	20.7
373839 2003 BO_{45}	17.6	X	349.23276	300.02114	119.48665	2.97504	0.2010958	0.25918305	2.4363050	21	—	—
373840 2003 EA_{26}	16.7	X	86.38357	191.80416	14.10995	4.75136	0.1701945	0.23144772	2.6272463	21	8 14.6	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373841 2003 ED_{43}	16.5	X	36.69953	101.93379	164.13917	15.23934	0.0900437	0.23090742	2.6313430	21	8 10.6	19.8
373842 2003 FT	16.4	X	55.87893	226.96365	27.95821	11.93503	0.0787892	0.23375921	2.6098982	21	8 30.8	19.9
373843 2003 FE_{67}	16.5	X	37.98517	210.45555	27.76888	12.26239	0.1608290	0.22675654	2.6633578	21	7 18.2	19.7
373844 2003 FE_{79}	16.2	X	348.64994	64.76254	211.72044	8.31035	0.2226634	0.22280473	2.6947581	21	5 26.4	18.5
373845 2003 FO_{82}	16.3	X	69.96458	48.12910	175.74835	11.61273	0.1309354	0.22891927	2.6465564	21	8 7.4	19.9
373846 2003 GN_{5}	16.0	X	91.11156	227.03491	14.93396	14.82041	0.0427560	0.23638547	2.5905314	21	9 21.9	19.5
373847 2003 GM_{12}	16.6	X	22.62812	234.73578	8.20689	8.09567	0.1935127	0.22545635	2.6735875	21	6 24.9	19.3
373848 2003 GU_{25}	16.5	X	356.66516	249.87988	11.41635	14.76404	0.2492632	0.22410848	2.6842967	21	5 12.3	19.0
373849 2003 GD_{39}	17.3	X	85.99392	130.96487	72.46556	2.21187	0.1377835	0.23002651	2.6380567	21	8 5.0	20.8
373850 2003 HK_{43}	17.1	X	92.07409	345.39841	217.89734	4.84877	0.2553435	0.22900150	2.6459228	21	8 24.1	21.2
373851 2003 HW_{43}	15.9	X	280.45579	266.21953	51.64308	13.52910	0.2681720	0.21500610	2.7595326	21	4 5.5	20.3
373852 2003 JD_{5}	16.3	X	65.62647	36.69765	203.93904	13.04466	0.1363954	0.22912800	2.6449488	21	8 23.3	20.1
373853 2003 OP_{23}	18.3	X	158.57758	93.91286	223.86208	1.49382	0.1852675	0.29916578	2.2140875	21	—	—
373854 2003 OO_{33}	16.4	X	184.43919	78.68212	257.55241	13.16902	0.2075836	0.19200824	2.9757022	21	2 4.3	21.7
373855 2003 QY_{6}	17.7	X	148.77146	43.48308	318.67699	4.22590	0.2039871	0.30123989	2.2039127	21	1 24.1	20.6
373856 2003 QV_{10}	18.2	X	118.80489	303.63758	340.65305	32.37945	0.1351968	0.39812073	1.8300355	21	—	—
373857 2003 QB_{19}	17.9	X	197.95397	156.63784	161.83173	1.56174	0.1993603	0.30443640	2.1884586	21	1 14.9	21.4
373858 2003 QV_{35}	17.8	X	162.95255	352.85900	332.92226	6.08992	0.2242795	0.30025761	2.2087168	21	—	—
373859 2003 QW_{83}	17.1	X	245.21208	79.50914	263.80271	0.91600	0.0768868	0.20497392	2.8488547	21	4 15.6	21.4
373860 2003 QQ_{101}	17.2	X	182.60112	204.88654	95.05436	6.53091	0.1974339	0.29894757	2.2151648	21	—	—
373861 2003 RO_{2}	16.0	X	247.23016	17.91370	338.28256	15.03488	0.1527989	0.20603465	2.8390685	21	4 20.0	20.7
373862 2003 RK_{4}	15.5	X	331.58934	17.64258	256.92945	12.94835	0.2027528	0.21000823	2.8031425	21	4 17.2	18.9
373863 2003 SA_{2}	17.0	X	258.86608	346.52748	344.15042	1.46429	0.0669874	0.20303152	2.8669959	21	4 16.5	20.9
373864 2003 SO_{7}	16.6	X	145.19157	241.05310	180.59106	9.25567	0.0145824	0.20022950	2.8936812	21	3 29.9	20.5
373865 2003 SP_{9}	16.7	X	228.89578	40.16053	319.46173	6.78862	0.0651186	0.20234134	2.8735117	21	4 16.0	21.0
373866 2003 SX_{23}	18.0	X	174.99366	154.54921	157.72916	1.96046	0.1705318	0.29899146	2.2149479	21	—	—
373867 2003 SG_{33}	16.7	X	203.99545	358.48057	13.02586	6.39303	0.1262857	0.19977155	2.8981017	21	4 5.9	21.4
373868 2003 SY_{40}	16.5	X	242.46042	130.66889	206.57501	14.09481	0.1956618	0.20203685	2.8763981	21	3 25.9	21.4
373869 2003 SF_{49}	17.4	X	162.29583	149.87929	197.38660	4.13633	0.1930673	0.30013990	2.2092942	21	1 16.8	20.4
373870 2003 SW_{51}	18.0	X	138.77156	199.50238	155.94935	5.39619	0.1670203	0.29731807	2.2232511	21	—	—
373871 2003 ST_{53}	16.8	X	196.74059	28.37227	317.82150	5.15265	0.1231937	0.19580761	2.9370838	21	2 27.5	21.4
373872 2003 SN_{63}	16.1	X	69.08750	217.27987	292.74509	4.83781	0.0091536	0.20096255	2.8866400	21	4 10.8	20.1
373873 2003 SO_{65}	17.6	X	183.30616	79.44909	224.53126	6.71234	0.2214459	0.30057447	2.2071643	21	—	—
373874 2003 SL_{87}	16.2	X	229.32480	335.01355	29.99273	13.16369	0.1664012	0.20316890	2.8657034	21	4 20.0	20.8
373875 2003 SP_{117}	17.8	X	140.81188	124.85677	194.32737	6.01542	0.2278542	0.29352826	2.2423467	21	—	—
373876 2003 SH_{124}	16.7	X	195.10298	295.74895	77.61878	2.29770	0.1479578	0.19824580	2.9129524	21	4 1.3	21.4
373877 2003 SQ_{139}	17.1	X	108.16858	185.25352	142.83737	7.05513	0.2352394	0.28989842	2.2610256	21	—	—
373878 2003 SO_{158}	17.8	X	152.43748	314.22756	27.99097	7.92037	0.1985855	0.29979468	2.2109899	21	1 1.8	20.8
373879 2003 SM_{174}	16.3	X	228.13457	99.75269	184.27292	9.97961	0.0832267	0.19097622	2.9864129	21	1 16.2	21.0
373880 2003 SD_{214}	16.2	X	167.81886	44.69636	47.44345	12.96034	0.0762903	0.20009868	2.8949422	21	6 6.1	20.6
373881 2003 SU_{222}	17.6	X	105.64950	0.90024	344.11196	2.77521	0.1671136	0.29082280	2.2562320	21	—	—
373882 2003 SG_{227}	17.8	X	145.42661	4.16678	18.69006	1.96005	0.0363208	0.30343582	2.1932669	21	1 23.7	20.3
373883 2003 SB_{234}	17.7	X	181.15304	176.48348	112.40752	3.60954	0.2723524	0.29734312	2.2231262	21	—	—
373884 2003 SB_{247}	18.1	X	146.53512	170.10768	172.65938	1.82869	0.2420901	0.29738183	2.2229333	21	1 1.3	21.0
373885 2003 SA_{275}	16.2	X	128.80556	66.83341	349.10132	9.36141	0.1162716	0.19213139	2.9744305	21	3 15.6	20.6
373886 2003 SM_{301}	16.3	X	216.07494	306.99482	76.07814	3.08755	0.0848743	0.20281702	2.8690170	21	5 4.2	20.7
373887 2003 SS_{306}	15.5	X	195.67346	99.57481	247.14583	8.75280	0.1230827	0.19140624	2.9819383	21	2 24.6	20.5
373888 2003 SA_{319}	16.5	X	50.78881	311.10525	193.62665	10.09834	0.0515462	0.19690712	2.9261400	21	3 16.4	20.5
373889 2003 SC_{323}	16.5	X	217.08771	18.71642	341.15082	11.48344	0.0926988	0.20049100	2.8911644	21	4 1.6	21.1
373890 2003 SQ_{326}	17.0	X	183.19424	33.36602	358.44905	11.65192	0.0495559	0.19923446	2.9033078	21	4 6.3	21.2
373891 2003 SU_{328}	17.0	X	215.83998	302.40784	52.06372	2.91708	0.0849100	0.19810891	2.9142941	21	3 30.3	21.3
373892 2003 SJ_{329}	18.3	X	93.16356	93.26289	305.28480	1.82053	0.1955695	0.29436590	2.2380909	21	—	—
373893 2003 SG_{333}	16.7	X	173.32213	214.54683	176.78158	12.15719	0.1590575	0.19708786	2.9243508	21	4 3.9	21.5
373894 2003 SN_{334}	16.8	X	159.74307	248.72157	182.98394	10.38001	0.1184612	0.20047458	2.8913223	21	5 8.5	21.3
373895 2003 SM_{335}	18.1	X	171.08718	216.73247	64.33645	6.66982	0.1368618	0.29165220	2.2519524	21	—	—
373896 2003 SO_{338}	16.6	X	187.59791	231.54221	143.08660	2.90414	0.0925077	0.19648044	2.9303748	21	3 25.9	21.2
373897 2003 TK_{14}	18.5	X	80.27413	119.13878	217.05395	20.18643	0.0979925	0.39549097	1.8381389	21	—	—
373898 2003 TO_{31}	16.3	X	183.78295	340.68149	22.93376	9.59147	0.0568566	0.19326302	2.9628082	21	3 10.2	20.7
373899 2003 TS_{42}	17.6	X	86.01824	79.87611	342.80338	4.07752	0.1051790	0.29674090	2.2261330	21	1 2.0	19.7
373900 2003 TB_{55}	17.9	X	54.88249	17.28484	56.07767	7.36744	0.1158250	0.29301410	2.2449691	21	—	—
373901 2003 UP_{13}	18.3	X	16.27799	3.45617	8.67615	21.12077	0.0847312	0.38978178	1.8560444	21	—	—
373902 2003 UE_{19}	16.5	X	135.50170	209.77465	225.94044	8.25253	0.1912600	0.19282196	2.9673246	21	4 23.3	21.2
373903 2003 UR_{23}	17.7	X	91.04661	149.61684	218.61049	9.67960	0.2308866	0.28956457	2.2627632	21	—	—
373904 2003 UO_{29}	17.4	X	114.78883	163.11963	246.73196	5.01061	0.2261199	0.29797883	2.2199632	21	2 16.3	19.9
373905 2003 UC_{31}	17.0	X	241.94441	38.53747	321.61429	1.28976	0.1093069	0.20187646	2.8779214	21	4 30.2	21.3
373906 2003 UK_{36}	17.4	X	171.17152	11.50227	305.68921	6.91395	0.1685332	0.29607158	2.2294868	21	—	—
373907 2003 UE_{63}	17.9	X	134.61022	244.34659	87.57303	4.99695	0.3179592	0.29491252	2.2353245	21	—	—
373908 2003 UG_{75}	17.8	X	145.68928	5.47676	347.53930	6.63715	0.1363645	0.29740309	2.2228274	21	—	—
373909 2003 UA_{77}	17.9	X	128.49165	15.99481	331.80230	6.81243	0.1640710	0.29326769	2.2436748	21	—	—
373910 2003 UV_{92}	15.9	X	201.04785	355.20060	29.74786	8.90890	0.1597529	0.19727561	2.9224951	21	4 19.5	20.6
373911 2003 UO_{106}	15.6	X	220.18401	67.33276	275.83336	9.30734	0.1509951	0.19525786	2.9425941	21	3 13.2	20.6
373912 2003 UT_{114}	17.6	X	128.14956	334.64686	32.13527	5.41952	0.2102423	0.29523593	2.2336918	21	1 7.4	20.2
373913 2003 UT_{125}	17.8	X	112.48577	244.01054	150.50714	2.57567	0.0849827	0.29654395	2.2271185	21	1 1.3	20.1
373914 2003 UL_{129}	16.2	X	197.41920	73.98129	244.21588	14.92344	0.2527173	0.18988289	2.9978656	21	1 25.9	21.8
373915 2003 UO_{129}	17.4	X	147.33495	15.57216	311.26813	6.32787	0.1979087	0.29372417	2.2413495	21	—	—
373916 2003 UC_{137}	17.4	X	92.74913	7.71437	42.46896	6.28033	0.1469442	0.29524669	2.2336375	21	1 1.2	19.4
373917 2003 UN_{158}	16.5	X	123.05311	214.83059	232.08767	9.02643	0.0465964	0.19197042	2.9760931	21	4 5.8	20.9
373918 2003 UH_{161}	16.5	X	156.19450	200.83686	202.95740	5.18522	0.2051698	0.19279162	2.9676359	21	4 4.9	21.5
373919 2003 UN_{182}	16.1	X	218.13268	117.17693	213.74357	9.39770	0.0957075	0.19319364	2.9635176	21	2 28.3	20.8
373920 2003 UU_{194}	17.8	X	64.41557	168.86081	220.77922	6.80959	0.1371826	0.28884591	2.2665149	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
373921 2003 UH_{200}	18.0	X	117.05823	179.05759	175.28633	2.67062	0.1760822	0.29259740	2.2471000	21	—	—
373922 2003 UH_{201}	16.1	X	170.52872	354.61967	27.98453	14.41322	0.1345002	0.19293074	2.9662091	21	3 24.3	20.9
373923 2003 UN_{219}	17.4	X	175.00398	75.51268	247.54962	5.08676	0.1389840	0.29680349	2.2258200	21	—	—
373924 2003 UD_{227}	17.7	X	138.27442	43.30278	304.37734	2.92818	0.1964987	0.29464419	2.2366814	21	—	—
373925 2003 UV_{236}	17.6	X	119.85900	317.99730	61.74335	6.55069	0.1504059	0.29592355	2.2302302	21	1 2.9	20.0
373926 2003 UE_{243}	18.0	X	228.53546	203.38239	191.44103	1.82393	0.2148830	0.25791766	2.4442671	21	5 21.1	21.9
373927 2003 UX_{246}	16.2	X	210.35273	11.02145	358.38904	1.27256	0.1202033	0.19756596	2.9196310	21	4 9.7	20.7
373928 2003 UD_{247}	15.0	X	211.85374	270.62206	56.54268	16.75896	0.1184723	0.18930975	3.0039133	21	3 1.6	20.1
373929 2003 UV_{248}	17.3	X	49.27206	3.51583	71.92570	6.52797	0.1063379	0.29215158	2.2493855	21	—	—
373930 2003 UN_{256}	17.8	X	121.42053	250.04787	124.85553	2.79341	0.1881555	0.29453239	2.2372474	21	1 4.7	20.2
373931 2003 UT_{256}	17.0	X	189.90206	194.66552	195.78955	5.73540	0.3063519	0.19615572	2.9336079	21	4 17.9	22.3
373932 2003 UA_{286}	16.4	X	95.81020	237.46440	211.11793	9.76059	0.0872544	0.18964043	3.0004203	21	3 10.6	20.6
373933 2003 UP_{287}	16.5	X	249.88451	310.27577	62.18701	1.07309	0.1807046	0.20483748	2.8501197	21	5 17.5	20.8
373934 2003 UG_{288}	17.4	X	83.98582	61.19104	21.11533	5.77502	0.1052165	0.29784477	2.2206293	21	1 29.4	19.5
373935 2003 UO_{295}	16.3	X	155.97783	353.17706	16.10247	9.88890	0.1058033	0.18927422	3.0042893	21	2 20.1	20.9
373936 2003 UV_{298}	16.5	X	186.68484	208.83780	166.31696	15.34858	0.2183764	0.19505859	2.9445978	21	3 29.4	21.6
373937 2003 UM_{311}	16.4	X	157.46023	349.63968	91.25280	2.06665	0.1670338	0.19730497	2.9222052	21	5 18.9	21.0
373938 2003 UM_{323}	16.8	X	155.99905	29.14546	31.21846	2.22042	0.0663602	0.19560724	2.9390892	21	4 15.3	21.2
373939 2003 UR_{329}	16.4	X	175.28137	206.69597	221.49734	5.56273	0.0487512	0.20402700	2.8576626	21	5 15.8	20.6
373940 2003 US_{354}	16.4	X	280.01990	290.11409	21.27439	14.91844	0.1550311	0.20277023	2.8694583	21	4 7.1	20.4
373941 2003 UL_{363}	16.3	X	158.35122	197.28349	115.54456	5.97971	0.1006975	0.18194774	3.0844064	21	—	—
373942 2003 UJ_{372}	17.5	X	124.11426	94.79617	286.78534	7.94788	0.1773462	0.30022346	2.2088843	21	1 14.5	19.9
373943 2003 UJ_{375}	17.1	X	236.58847	24.58436	305.92687	3.47327	0.2064672	0.20017589	2.8941978	21	3 13.0	22.0
373944 2003 UU_{397}	16.7	X	66.66702	306.42599	183.31858	18.95069	0.3045911	0.18579575	3.0416707	21	5 1.1	20.6
373945 2003 UA_{403}	16.8	X	260.89763	176.88705	164.64590	2.32464	0.0760545	0.20368482	2.8608622	21	5 2.9	20.9
373946 2003 UT_{408}	17.9	X	3.97173	355.37747	137.86437	6.76341	0.1253253	0.29285867	2.2457633	21	—	—
373947 2003 VC_{10}	16.3	X	287.74610	142.38701	34.24805	25.66431	0.1621952	0.28471769	2.2883709	21	—	—
373948 2003 WZ	15.9	X	179.30543	159.48976	231.36432	9.45406	0.1121872	0.19276832	2.9678750	21	4 3.9	20.7
373949 2003 WW_{10}	17.3	X	118.54656	30.98224	342.25719	6.52809	0.1118542	0.29426096	2.2386229	21	—	—
373950 2003 WT_{24}	17.5	X	274.97093	195.49653	264.28034	17.59650	0.0937657	0.38340123	1.8765799	21	11 26.2	18.7
373951 2003 WF_{31}	17.8	X	140.27220	62.90056	305.08494	3.58430	0.1420219	0.29693162	2.2251797	21	1 13.6	20.5
373952 2003 WK_{48}	18.0	X	75.29771	324.03504	86.34167	7.49365	0.1297548	0.29072823	2.2567212	21	—	—
373953 2003 WP_{61}	18.0	X	128.19315	126.16815	227.84538	2.43968	0.1836307	0.29232142	2.2485141	21	—	—
373954 2003 WN_{62}	16.0	X	71.67748	232.13459	223.26824	5.13212	0.2100329	0.18290821	3.0735993	21	3 5.3	19.8
373955 2003 WH_{69}	15.4	X	11.58311	239.86210	244.07422	15.78546	0.1145668	0.17703566	3.1411997	21	—	—
373956 2003 WS_{76}	18.1	X	11.23977	148.64242	311.25550	5.10709	0.1072926	0.28741634	2.2740242	21	—	—
373957 2003 WK_{78}	15.6	X	185.61610	106.83436	260.32785	8.93652	0.0679937	0.19060021	2.9903393	21	3 9.3	20.3
373958 2003 WB_{91}	17.6	X	81.03443	359.87651	53.57910	5.87027	0.1318319	0.29176907	2.2513510	21	—	—
373959 2003 WB_{99}	15.9	X	127.15282	193.19260	251.58065	8.20569	0.2021555	0.19078622	2.9883954	21	4 26.5	20.6
373960 2003 WN_{110}	16.3	X	159.61158	198.44914	251.56394	7.09206	0.1966313	0.19625588	2.9326097	21	6 2.1	21.2
373961 2003 WJ_{144}	17.6	X	130.89814	294.15768	56.04946	7.44226	0.1704367	0.29254704	2.2473579	21	—	—
373962 2003 WM_{159}	15.8	X	184.42041	294.97992	72.36924	15.41786	0.2144398	0.19094851	2.9867018	21	3 25.2	21.2
373963 2003 WV_{182}	16.2	X	176.07235	124.41467	227.77475	11.07834	0.1714363	0.18882295	3.0090740	21	2 15.2	21.3
373964 2003 WV_{190}	17.8	X	70.72610	329.03632	113.19807	5.74478	0.1907071	0.29350615	2.2424593	21	1 11.3	19.2
373965 2003 WD_{194}	16.9	X	167.46951	326.41958	61.30740	12.82874	0.1974255	0.19016806	2.9948678	21	4 1.6	22.0
373966 2003 XO_{4}	15.1	X	57.05673	223.96499	247.36916	16.63603	0.2683284	0.18016198	3.1047546	21	3 3.9	18.9
373967 2003 XJ_{5}	15.4	X	141.09837	2.72325	41.73347	9.85828	0.1449154	0.18491045	3.0513715	21	3 23.1	20.2
373968 2003 XA_{29}	16.4	X	170.68510	166.08307	248.83356	9.09035	0.0949904	0.19351471	2.9602386	21	4 24.4	21.1
373969 2003 YM_{4}	17.4	X	49.83259	147.78006	279.64956	5.76040	0.2242285	0.28562680	2.2835126	21	—	—
373970 2003 YM_{10}	15.5	X	93.47989	77.91351	20.94951	10.44546	0.0367175	0.18558066	3.0440205	21	3 19.4	19.7
373971 2003 YB_{48}	16.2	X	157.67132	151.61490	278.87650	3.30754	0.2222208	0.19231886	2.9724973	21	5 8.3	21.2
373972 2003 YK_{48}	16.0	X	148.60289	346.54840	72.69932	10.80143	0.1003740	0.18882414	3.0090614	21	4 14.0	20.7
373973 2003 YP_{55}	15.3	X	188.62356	105.18303	252.70232	9.67795	0.2458706	0.18960755	3.0007672	21	3 5.5	20.8
373974 2003 YW_{79}	16.5	X	289.71302	84.21381	75.26867	6.14148	0.1191913	0.27745488	2.3281331	21	—	—
373975 2003 YW_{95}	17.5	X	28.81046	332.02887	97.45655	7.50440	0.1856903	0.28418130	2.2912495	21	—	—
373976 2003 YJ_{99}	15.7	X	108.95456	137.07198	273.71127	15.56307	0.2391844	0.18124868	3.0923323	21	2 25.2	20.5
373977 2003 YP_{111}	15.7	X	103.39431	162.35120	271.90532	15.88103	0.1060638	0.18457956	3.0550171	21	2 28.1	20.3
373978 2003 YN_{126}	17.2	X	45.23667	117.81349	353.61668	5.66912	0.2153805	0.29018166	2.2595541	21	—	—
373979 2003 YM_{132}	15.8	X	85.92403	152.38913	327.61466	11.97773	0.0962088	0.18472612	3.0534010	21	4 5.1	20.2
373980 2003 YQ_{137}	15.6	X	125.17955	110.15064	309.99253	10.91823	0.1412245	0.18188633	3.0851007	21	3 16.5	20.4
373981 2003 YW_{141}	15.4	X	184.29406	337.74356	47.19452	12.06961	0.1079775	0.18799538	3.0178983	21	4 8.2	20.2
373982 2003 YZ_{141}	16.4	X	136.28875	87.79562	3.19350	8.87418	0.2609975	0.18960603	3.0007832	21	5 16.3	21.5
373983 2003 YG_{160}	14.8	X	5.41955	221.24495	285.39940	21.19851	0.0191599	0.17767596	3.1336484	21	1 19.4	19.2
373984 2003 YE_{163}	16.0	X	154.79332	26.01851	66.23560	17.20882	0.3068156	0.19111071	2.9850117	21	6 4.8	21.5
373985 2003 YL_{165}	13.0	X	264.66804	252.80054	90.74877	12.60115	0.0552122	0.08453391	5.1418028	21	5 21.5	19.9
373986 2004 AK	15.4	X	49.49136	171.82391	282.87284	8.15927	0.0600195	0.17518476	3.1632863	21	1 16.7	19.4
373987 2004 AG_{25}	16.4	X	106.37407	304.66771	118.08108	9.79007	0.2409987	0.18089469	3.0963652	21	3 20.9	21.0
373988 2004 BU_{3}	16.1	X	95.06807	108.09430	342.09392	4.30384	0.1213672	0.17991403	3.1076065	21	3 19.9	20.3
373989 2004 BX_{9}	15.7	X	79.67206	0.68287	118.54454	8.83949	0.1091011	0.18032607	3.1028709	21	4 8.2	20.0
373990 2004 BE_{14}	16.8	X	120.31393	103.63885	354.20594	3.49300	0.2484254	0.18567760	3.0429609	21	5 11.4	21.7
373991 2004 BB_{28}	16.5	X	219.69165	84.86113	121.86634	11.74876	0.1413428	0.27007913	2.3703294	21	12 30.7	19.7
373992 2004 BN_{31}	18.2	X	9.66522	99.81110	346.58425	3.39849	0.1856912	0.28030003	2.3123521	21	—	—
373993 2004 BP_{35}	16.7	X	80.06549	36.91463	61.23528	2.56588	0.1611955	0.17877198	3.1208274	21	3 17.9	20.7
373994 2004 BW_{40}	17.5	X	330.55372	198.78526	298.46834	1.36374	0.1528444	0.27881196	2.3205724	21	—	—
373995 2004 BZ_{66}	17.9	X	285.96324	249.67701	277.71618	1.23914	0.1648163	0.27612665	2.3355930	21	—	—
373996 2004 BU_{71}	17.4	X	315.59671	301.66231	194.59048	4.82915	0.1675080	0.27717813	2.3296825	21	—	—
373997 2004 BM_{82}	15.7	X	67.77051	213.22498	258.24996	11.12340	0.2404561	0.17794348	3.1305068	21	3 21.9	19.7
373998 2004 BG_{92}	15.7	X	99.97987	163.55812	297.43259	10.07400	0.1870046	0.18140927	3.0905070	21	4 13.2	20.4
373999 2004 BS_{115}	15.4	X	20.41536	137.14615	23.01166	15.13348	0.2201732	0.17518596	3.1632719	21	3 4.6	18.8
374000 2004 BT_{119}	15.7	X	104.97548	80.32128	33.64783	15.68072	0.2235245	0.18337646	3.0683648	21	5 11.9	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374001 2004 BX_{121}	15.3	X	46.65592	143.19417	7.43538	21.20702	0.1267950	0.18088799	3.0964416	21	3 28.3	18.9
374002 2004 BW_{128}	18.0	X	70.72218	96.50391	298.01975	2.06737	0.1839200	0.28293503	2.2979729	21	—	—
374003 2004 BW_{161}	15.9	X	89.75323	300.67185	139.82493	13.11100	0.1441833	0.17810680	3.1285928	21	3 7.7	20.1
374004 2004 BL_{162}	15.6	X	89.01527	153.67337	311.33357	16.48964	0.1742911	0.17837926	3.1254063	21	3 29.9	20.2
374005 2004 CA_{13}	17.3	X	307.01914	341.34108	150.21804	5.88462	0.0637752	0.27325426	2.3519320	21	—	—
374006 2004 CT_{22}	17.2	X	163.05602	21.48680	47.04641	2.51981	0.2882398	0.18996014	2.9970528	21	5 13.6	22.6
374007 2004 CZ_{36}	15.9	X	67.12230	229.02989	250.14700	8.65577	0.1982773	0.17743818	3.1364473	21	3 26.2	20.0
374008 2004 CL_{42}	15.9	X	116.34339	113.61991	335.65640	17.59966	0.2268791	0.18253516	3.0777856	21	4 17.6	21.0
374009 2004 CS_{57}	15.8	X	79.93580	60.20688	52.42426	11.79666	0.1753486	0.17922476	3.1155690	21	4 10.1	20.0
374010 2004 CH_{71}	16.1	X	288.80452	182.75358	5.57605	4.11411	0.2258854	0.16306997	3.3180789	21	—	—
374011 2004 CX_{99}	17.2	X	240.99640	130.56182	60.05672	3.28568	0.1648997	0.26823157	2.3812013	21	—	—
374012 2004 CZ_{114}	15.5	X	47.87583	93.29404	35.83298	16.84321	0.1444727	0.17566271	3.1575459	21	3 13.8	19.5
374013 2004 DP_{7}	18.3	X	339.59060	169.91635	325.10431	1.71786	0.1012739	0.27817621	2.3241067	21	—	—
374014 2004 DB_{8}	17.3	X	184.76245	228.00322	340.65243	2.20438	0.1311538	0.26306345	2.4122874	21	11 23.7	20.8
374015 2004 DW_{13}	17.7	X	334.16227	85.84890	14.34686	10.22649	0.1595413	0.27348117	2.3506308	21	—	—
374016 2004 DD_{43}	17.1	X	264.47735	150.13243	4.84955	3.03239	0.1283606	0.26915838	2.3757320	21	12 26.0	19.6
374017 2004 DZ_{48}	17.1	X	262.64546	149.25993	353.27696	5.32446	0.1777608	0.26623961	2.3930638	21	11 25.3	19.8
374018 2004 DG_{61}	17.7	X	311.72607	331.06260	158.96748	4.75624	0.1670841	0.27346003	2.3507520	21	—	—
374019 2004 DY_{65}	17.5	X	346.59165	11.79550	113.77348	1.86427	0.1609836	0.27766155	2.3269777	21	—	—
374020 2004 EC_{5}	17.1	X	161.99943	216.07220	1.42493	7.40923	0.0905035	0.25948974	2.4343849	21	11 11.2	20.8
374021 2004 EP_{19}	17.5	X	326.02655	146.91957	349.07810	4.57594	0.1310378	0.27526264	2.3404779	21	—	—
374022 2004 EM_{23}	17.9	X	291.15496	111.94710	347.00726	20.25026	0.1860663	0.37818719	1.8937886	21	—	—
374023 2004 EE_{43}	17.4	X	217.78752	156.97822	21.07179	3.09479	0.1642086	0.26249219	2.4157860	21	11 16.3	20.8
374024 2004 EX_{45}	15.7	X	90.71143	17.28346	2.58728	6.39144	0.1537102	0.16235484	3.3278154	21	—	—
374025 2004 EB_{62}	16.2	X	102.82803	293.38700	171.85548	10.14945	0.1924174	0.17912919	3.1166771	21	4 30.1	20.8
374026 2004 EA_{82}	17.2	X	219.89082	114.43239	62.45670	3.74538	0.1581227	0.26264794	2.4148308	21	11 18.7	20.6
374027 2004 FS_{3}	17.6	X	263.80795	269.95180	180.93445	22.29486	0.0828427	0.37150807	1.9164194	21	10 22.6	19.3
374028 2004 FN_{6}	17.8	X	31.20113	282.05513	17.83284	21.05924	0.0925133	0.36421358	1.9419228	21	10 10.3	19.3
374029 2004 FJ_{9}	16.4	X	108.76297	125.37418	307.28169	2.65690	0.2627278	0.17677254	3.1443160	21	4 2.1	21.2
374030 2004 FR_{19}	17.7	X	218.47753	347.40830	181.21592	3.42345	0.1472056	0.26232667	2.4168021	21	11 8.5	21.1
374031 2004 FA_{47}	15.6	X	0.85092	238.39315	296.93386	3.38987	0.0781001	0.17358176	3.1827314	21	2 16.3	19.6
374032 2004 FK_{59}	15.7	X	94.85618	286.97527	165.64060	14.59411	0.2449860	0.17787288	3.1313352	21	4 13.2	20.3
374033 2004 FF_{111}	16.7	X	228.45454	330.10279	210.50226	8.89621	0.1848305	0.26182721	2.4198746	21	11 30.2	20.1
374034 2004 FG_{115}	16.8	X	322.09505	68.02959	40.13771	6.98468	0.1001858	0.26795484	2.3828405	21	—	—
374035 2004 FZ_{142}	16.8	X	241.88362	155.58907	25.11246	10.52231	0.1627241	0.26419266	2.4054087	21	12 19.7	20.0
374036 2004 GH_{4}	17.9	X	184.63343	136.95940	20.09331	19.56840	0.0434976	0.36603602	1.9354717	21	10 8.1	19.8
374037 2004 GO_{80}	17.9	X	284.33730	14.93410	114.03673	2.19454	0.1290786	0.26726050	2.3869658	21	12 22.2	20.0
374038 2004 HW	17.1	X	315.51332	62.90407	219.83192	0.83021	0.6345761	0.22288072	2.6941455	21	2 7.1	21.7
374039 2004 HP_{14}	17.0	X	326.93633	76.70911	42.75759	5.05000	0.0840469	0.27104383	2.3647017	21	—	—
374040 2004 HV_{44}	17.3	X	259.14386	147.22864	34.51979	7.69246	0.1877561	0.26729172	2.3867799	21	—	—
374041 2004 JB_{41}	16.4	X	30.85844	98.47560	186.15194	11.92571	0.2420070	0.23863682	2.5742126	21	9 22.5	19.1
374042 2004 KZ_{3}	17.0	X	167.59209	349.58563	235.20618	3.91300	0.1518902	0.25504165	2.4626082	21	11 25.3	20.7
374043 2004 LH_{6}	17.4	X	344.27178	48.77682	245.58566	18.46327	0.0796226	0.35052326	1.9921628	21	6 20.2	19.0
374044 2004 MU_{7}	15.6	X	301.85545	182.04451	149.94466	32.91165	0.1471501	0.23260505	2.6185244	21	6 7.7	19.7
374045 2004 ND_{13}	18.0	X	308.25309	21.71956	257.16450	2.37591	0.3324431	0.22261801	2.6962647	21	3 1.3	21.9
374046 2004 OV_{8}	16.6	X	342.07931	356.80391	304.21767	9.89755	0.1502853	0.22973241	2.6403076	21	6 26.2	19.3
374047 2004 OF_{11}	16.8	X	277.42920	325.97203	351.19047	8.78466	0.3155740	0.21959556	2.7209487	21	3 21.3	21.2
374048 2004 PJ_{3}	17.2	X	281.11842	348.12163	331.84989	3.99242	0.2980138	0.22091752	2.7100831	21	3 29.1	21.4
374049 2004 PM_{4}	16.8	X	303.54114	127.77629	254.63472	10.33728	0.2997571	0.23018748	2.6368267	21	7 16.0	19.8
374050 2004 PK_{14}	16.2	X	303.14229	23.94284	334.95263	13.46665	0.2698821	0.22735081	2.6587146	21	6 19.7	19.7
374051 2004 PM_{34}	16.4	X	280.37535	68.14861	320.35833	12.23454	0.1888481	0.22785458	2.6547943	21	7 12.9	20.0
374052 2004 PM_{35}	16.1	X	312.58409	337.70159	333.11057	10.60611	0.0724711	0.22279626	2.6948264	21	5 26.9	19.7
374053 2004 PQ_{43}	16.8	X	293.76670	182.86009	182.61906	2.75150	0.2473371	0.22668714	2.6639013	21	6 18.3	20.1
374054 2004 PB_{69}	16.9	X	303.16682	21.36482	357.34450	4.49420	0.1926093	0.23010370	2.6374667	21	8 2.1	19.9
374055 2004 PY_{70}	16.4	X	277.64093	210.60345	141.62889	17.22642	0.3079142	0.22456417	2.6806641	21	5 10.5	20.9
374056 2004 PP_{84}	16.4	X	1.15001	320.30428	32.49384	4.78928	0.2816794	0.23389837	2.6088628	21	11 8.5	18.5
374057 2004 PN_{89}	16.5	X	319.01727	178.37466	170.55987	14.65856	0.2697546	0.22972918	2.6403324	21	7 2.6	19.5
374058 2004 PU_{90}	15.9	X	212.01546	13.65329	359.12527	9.35582	0.2434901	0.21119964	2.7925906	21	4 9.7	20.8
374059 2004 PZ_{96}	16.6	X	278.28833	57.47349	330.95227	12.58418	0.2169423	0.22486265	2.6782914	21	7 5.9	20.4
374060 2004 PY_{104}	16.0	X	346.22566	11.89796	285.72910	13.16999	0.2439555	0.22852728	2.6495819	21	6 21.2	18.1
374061 2004 RY_{5}	16.3	X	285.85296	296.38327	7.53925	16.19088	0.1547065	0.21784508	2.7355052	21	4 1.1	20.2
374062 2004 RS_{8}	16.6	X	348.51576	50.76082	241.20510	5.82560	0.2318117	0.22716538	2.6601612	21	6 18.3	18.6
374063 2004 RY_{29}	17.1	X	319.15958	309.24658	355.31203	4.73337	0.2694411	0.22464357	2.6800324	21	4 27.4	20.1
374064 2004 RF_{33}	16.4	X	256.08929	32.64216	354.78103	13.25743	0.2136966	0.22306486	2.6926627	21	6 5.4	20.8
374065 2004 RF_{35}	16.1	X	245.01863	15.19073	354.28900	12.37595	0.1987814	0.21922722	2.7239955	21	5 2.0	20.7
374066 2004 RR_{47}	16.8	X	278.83103	19.59174	351.24075	2.83011	0.2704868	0.22356989	2.6886060	21	6 2.9	20.8
374067 2004 RK_{58}	17.3	X	306.97368	155.98973	221.16736	4.95460	0.2035764	0.22889986	2.6467060	21	8 1.2	20.3
374068 2004 RE_{70}	17.6	X	286.28135	216.91822	138.79909	4.26989	0.1867327	0.28176975	2.3043041	21	6 2.8	20.5
374069 2004 RJ_{100}	16.3	X	323.73598	313.96333	340.40017	12.78021	0.2504041	0.22297764	2.6933647	21	4 19.4	19.6
374070 2004 RH_{113}	16.9	X	64.66245	42.31247	183.68969	8.95261	0.0913715	0.22657248	2.6647999	21	7 27.5	20.4
374071 2004 RS_{124}	16.8	X	204.43971	259.54943	179.90521	8.53414	0.1816002	0.22084396	2.7106849	21	6 26.9	21.4
374072 2004 RY_{127}	17.2	X	19.57697	309.17880	313.54947	1.93043	0.0353113	0.22444615	2.6816038	21	7 6.3	20.4
374073 2004 RZ_{138}	16.1	X	309.55112	152.92267	225.57496	11.72254	0.1659288	0.22967689	2.6407331	21	8 10.6	19.4
374074 2004 RD_{139}	16.5	X	326.02292	106.35488	220.18004	12.31335	0.0662178	0.22586144	2.6703898	21	7 9.5	20.0
374075 2004 RO_{142}	16.7	X	226.75942	211.68165	167.85799	7.71227	0.1404153	0.21609074	2.7502908	21	5 8.3	21.1
374076 2004 RA_{146}	16.7	X	215.85912	81.60300	352.26615	11.33078	0.1474301	0.22193352	2.7018057	21	7 4.5	21.2
374077 2004 RD_{149}	16.4	X	227.23072	256.28427	174.84905	22.01370	0.0436682	0.22496130	2.6775084	21	7 18.9	20.6
374078 2004 RB_{151}	16.8	X	291.38014	4.39934	359.08358	7.89474	0.0906740	0.22514511	2.6760509	21	7 9.2	20.3
374079 2004 RD_{154}	16.2	X	265.90456	104.07115	287.21264	8.49705	0.0683371	0.22437727	2.6821525	21	7 13.7	19.9
374080 2004 RA_{165}	16.8	X	11.48287	99.71099	237.58336	6.64165	0.1511965	0.23663370	2.5887195	21	10 17.8	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374081 2004 RJ_{167}	16.7	X	296.31020	344.54286	16.04538	13.49781	0.1375007	0.22561110	2.6723648	21	7 5.1	20.3
374082 2004 RU_{168}	16.6	X	276.76243	172.83959	184.41758	13.75837	0.1902581	0.22281203	2.6946992	21	5 26.9	20.7
374083 2004 RT_{181}	16.5	X	313.08801	3.67446	329.46028	10.69418	0.0792515	0.22371625	2.6874333	21	7 1.2	20.0
374084 2004 RY_{188}	16.3	X	247.66664	198.94866	224.87994	8.24753	0.2686233	0.22214184	2.7001163	21	7 8.7	20.8
374085 2004 RR_{199}	16.3	X	277.35650	80.55295	279.07170	7.39632	0.2803643	0.21918279	2.7243636	21	5 15.9	20.6
374086 2004 RX_{205}	16.0	X	312.63282	357.29699	328.99451	16.34714	0.1745638	0.22309752	2.6923998	21	6 2.2	19.6
374087 2004 RQ_{207}	16.5	X	348.08708	71.12466	230.03749	12.65189	0.2720768	0.22826596	2.6516037	21	6 27.3	18.6
374088 2004 RK_{210}	17.0	X	305.09940	135.38362	235.22661	12.32466	0.2595854	0.22816362	2.6523965	21	7 8.4	20.2
374089 2004 RV_{211}	16.6	X	281.21415	81.12526	297.24589	12.20687	0.2188173	0.22492297	2.6778126	21	6 24.3	20.4
374090 2004 RX_{226}	16.0	X	316.45218	315.08362	16.37866	12.11494	0.2063851	0.22326499	2.6910533	21	6 11.4	19.3
374091 2004 RT_{229}	16.7	X	309.38597	106.77436	193.49510	9.51263	0.3157618	0.21968462	2.7202132	21	4 2.3	20.4
374092 2004 RV_{230}	17.5	X	271.61224	148.72573	203.53261	2.91234	0.2091469	0.21834396	2.7313368	21	5 10.9	21.5
374093 2004 RX_{233}	16.3	X	228.70402	35.14076	32.55684	5.20114	0.1428218	0.22009186	2.7168567	21	7 9.0	20.5
374094 2004 RA_{235}	16.6	X	274.77372	194.93653	212.84356	10.28532	0.2058191	0.22612396	2.6683226	21	7 23.9	20.5
374095 2004 RM_{237}	17.0	X	263.74221	89.99490	321.41369	3.30775	0.2200262	0.22498920	2.6772870	21	7 16.7	20.7
374096 2004 RL_{239}	17.2	X	66.05871	10.25750	206.58502	1.70560	0.1374695	0.22472691	2.6793698	21	7 25.8	20.5
374097 2004 RZ_{256}	17.1	X	272.88342	224.99794	146.16904	3.33214	0.1132017	0.22321919	2.6914214	21	6 19.1	20.7
374098 2004 RX_{259}	17.3	X	24.42141	52.80374	181.49273	5.02120	0.0520715	0.22021312	2.7158592	21	6 5.4	20.7
374099 2004 RW_{270}	17.3	X	210.89224	42.30083	358.34034	5.50836	0.0717975	0.21760761	2.7374950	21	5 18.3	21.3
374100 2004 RL_{280}	17.2	X	295.82020	18.53605	323.21931	2.83979	0.1100301	0.22270590	2.6955552	21	6 10.6	20.7
374101 2004 RO_{289}	16.4	X	340.86667	255.34125	47.29068	12.37690	0.2879190	0.22766848	2.6562408	21	6 5.8	18.5
374102 2004 RT_{289}	15.8	X	275.99155	313.31320	58.60799	15.38698	0.0645866	0.22093705	2.7099234	21	7 1.3	19.6
374103 2004 RT_{291}	17.0	X	266.04462	125.56402	214.49443	10.73157	0.2177183	0.21756134	2.7378831	21	4 18.2	21.2
374104 2004 RR_{315}	17.1	X	320.23759	292.73621	45.29230	11.26713	0.3308918	0.22773360	2.6557344	21	6 5.5	19.8
374105 2004 RJ_{339}	16.2	X	2.19421	268.04179	19.41691	12.60945	0.1451495	0.22342034	2.6898057	21	7 20.7	19.3
374106 2004 RP_{356}	17.2	X	228.96535	174.70319	187.50125	7.30869	0.1557036	0.21243352	2.7817666	21	4 17.1	21.5
374107 2004 SE	16.1	X	269.69069	173.14891	231.95158	28.93700	0.1191691	0.22689981	2.6622365	21	7 19.0	20.4
374108 2004 SY_{7}	17.1	X	250.52577	11.18215	10.30015	4.78334	0.2721850	0.21942719	2.7223404	21	5 19.3	21.6
374109 2004 SZ_{23}	17.2	X	253.26251	227.34523	179.45479	3.74877	0.1830326	0.22093148	2.7099689	21	7 2.9	21.3
374110 2004 SH_{24}	16.8	X	295.89765	282.04107	38.68356	5.14281	0.1224262	0.21715078	2.7413329	21	5 11.1	20.4
374111 2004 SU_{28}	16.4	X	259.30307	226.05183	178.30475	12.23295	0.1896085	0.22215092	2.7000427	21	7 4.9	20.7
374112 2004 SW_{34}	16.6	X	214.84847	14.73063	24.15610	13.58635	0.1911516	0.21432744	2.7653549	21	5 13.6	21.4
374113 2004 SQ_{35}	16.6	X	265.33910	339.91450	26.61116	12.74128	0.1745235	0.21878993	2.7276240	21	5 23.3	20.8
374114 2004 SP_{50}	16.7	X	268.56264	188.35154	193.73751	12.07648	0.1130441	0.22103807	2.7090977	21	6 27.3	20.7
374115 2004 TO_{2}	16.4	X	250.29724	196.60639	209.27772	10.57432	0.1840404	0.22069083	2.7119387	21	6 27.7	20.7
374116 2004 TG_{6}	16.4	X	347.55207	263.52933	35.55619	12.48060	0.2823025	0.22823313	2.6518579	21	6 21.5	18.5
374117 2004 TO_{17}	16.7	X	220.90203	181.27498	222.02783	12.83149	0.2804705	0.21465831	2.7625125	21	5 23.9	21.7
374118 2004 TR_{19}	16.5	X	234.18204	331.12821	88.48506	5.01795	0.1805783	0.21944032	2.7222318	21	6 30.2	20.7
374119 2004 TU_{27}	17.0	X	333.77151	286.10677	1.67508	2.90478	0.1816450	0.22061902	2.7125271	21	5 15.5	20.0
374120 2004 TJ_{35}	16.8	X	164.07892	104.02636	15.82737	4.27629	0.0794180	0.21786776	2.7353154	21	7 10.0	20.9
374121 2004 TN_{36}	17.3	X	201.87749	69.89169	21.94522	3.43705	0.1677152	0.21838459	2.7309980	21	7 11.7	21.8
374122 2004 TR_{45}	16.4	X	281.58186	167.77351	212.15570	7.11074	0.1657140	0.22191049	2.7019926	21	7 3.4	20.2
374123 2004 TP_{65}	16.2	X	235.96989	308.05916	84.56371	10.50615	0.2242417	0.21637639	2.7478697	21	5 26.7	20.7
374124 2004 TC_{69}	15.8	X	354.84896	260.31340	30.62284	15.20907	0.0698780	0.22218500	2.6997667	21	7 10.1	19.4
374125 2004 TM_{69}	16.6	X	272.64717	355.48526	24.69739	12.78148	0.1969341	0.22210446	2.7004193	21	6 17.3	20.7
374126 2004 TQ_{72}	16.4	X	278.00957	321.78364	36.70758	6.47809	0.0516752	0.21853015	2.7297852	21	6 17.8	20.1
374127 2004 TO_{74}	15.8	X	144.29675	133.10263	33.42360	24.07432	0.2111322	0.21883062	2.7272859	21	9 5.9	20.9
374128 2004 TR_{106}	16.4	X	318.77223	314.78986	41.81797	9.43300	0.1417577	0.22686234	2.6625296	21	8 8.3	19.5
374129 2004 TY_{106}	16.3	X	267.34670	20.12292	14.65046	6.68139	0.0656490	0.22301612	2.6930549	21	7 23.1	20.0
374130 2004 TP_{114}	16.5	X	274.67054	311.68947	64.83790	9.58905	0.2148395	0.22429716	2.6827911	21	6 13.1	20.4
374131 2004 TS_{115}	16.5	X	249.94171	175.88808	236.74610	9.14000	0.2436623	0.21949628	2.7217691	21	6 29.7	20.9
374132 2004 TQ_{116}	15.6	X	208.22377	195.12652	249.83717	12.76320	0.1015083	0.21830233	2.7316841	21	7 9.6	19.9
374133 2004 TQ_{122}	16.5	X	270.45206	174.72569	197.21799	5.60336	0.0587037	0.22029554	2.7151818	21	6 24.9	20.3
374134 2004 TA_{125}	16.5	X	296.53446	136.82470	213.33570	5.34789	0.0889507	0.22239835	2.6980397	21	6 26.6	19.9
374135 2004 TO_{130}	16.7	X	301.28398	191.61242	142.06328	5.04674	0.2321509	0.22168715	2.7038071	21	5 20.4	20.2
374136 2004 TW_{132}	16.4	X	303.39755	59.32925	282.38305	7.74455	0.1887871	0.22136042	2.7064670	21	6 9.2	19.7
374137 2004 TH_{133}	16.0	X	293.21485	321.92541	5.48187	14.06631	0.2205296	0.21763432	2.7372710	21	4 27.2	19.9
374138 2004 TB_{136}	16.1	X	281.96536	180.44018	228.06966	13.50970	0.1568527	0.22551925	2.6730903	21	8 8.9	19.9
374139 2004 TQ_{137}	17.1	X	293.54607	314.66517	45.73304	4.44225	0.3140145	0.22300783	2.6931216	21	5 31.2	20.8
374140 2004 TP_{160}	16.7	X	167.66195	227.97988	227.20800	3.90206	0.0874937	0.21284558	2.7781752	21	6 11.7	20.9
374141 2004 TU_{174}	16.5	X	299.48774	345.15408	28.11971	9.31991	0.0814361	0.22540035	2.6740303	21	8 8.2	20.0
374142 2004 TB_{187}	16.6	X	2.22184	298.90199	9.88009	6.32579	0.0707129	0.22571647	2.6715330	21	8 17.5	19.8
374143 2004 TJ_{191}	17.0	X	292.30414	346.96969	27.83237	3.26059	0.0911530	0.22416013	2.6838844	21	7 25.8	20.3
374144 2004 TO_{204}	16.4	X	182.66965	37.43310	39.54839	7.67781	0.1969975	0.21067552	2.7972203	21	6 4.3	21.2
374145 2004 TQ_{207}	16.5	X	271.23615	335.30772	49.61893	7.89998	0.1094449	0.21850198	2.7300198	21	7 6.6	20.3
374146 2004 TV_{212}	16.3	X	272.37908	169.00089	220.20719	17.56961	0.0756614	0.22022983	2.7157218	21	7 13.9	20.4
374147 2004 TY_{212}	16.2	X	286.02325	130.56906	216.19150	18.23332	0.2576009	0.21890739	2.7266482	21	5 13.8	20.2
374148 2004 TW_{214}	16.5	X	261.04272	313.01805	40.12922	16.95822	0.3033616	0.21601297	2.7509508	21	4 23.6	21.2
374149 2004 TL_{249}	16.2	X	182.93417	259.33579	205.73215	13.83737	0.1857390	0.21613766	2.7498927	21	7 7.9	21.0
374150 2004 TL_{252}	17.1	X	269.49676	163.40377	209.51861	4.48188	0.1271359	0.22068013	2.7120263	21	6 15.1	20.8
374151 2004 TH_{257}	16.7	X	265.74316	14.25125	18.77715	9.06549	0.1703124	0.22124551	2.7074040	21	7 1.8	20.7
374152 2004 TA_{275}	17.2	X	216.18846	59.63796	36.46314	15.19214	0.2274003	0.21777014	2.7361327	21	7 31.1	22.1
374153 2004 TO_{278}	16.6	X	205.55497	36.62334	49.11634	10.08151	0.2196659	0.21551651	2.7551739	21	7 5.1	21.4
374154 2004 TD_{283}	16.9	X	261.66831	315.00607	43.18266	5.10295	0.0869078	0.21445011	2.7643002	21	5 22.0	20.8
374155 2004 TK_{307}	16.5	X	266.32551	102.10883	277.46190	6.55358	0.1919832	0.22024893	2.7155648	21	6 11.1	20.5
374156 2004 TL_{327}	16.3	X	333.59957	84.65126	234.23191	12.19727	0.1952377	0.22403824	2.6848577	21	6 28.6	19.1
374157 2004 TL_{340}	17.0	X	202.84380	224.32558	155.53926	1.85915	0.0883077	0.20940111	2.8085580	21	4 15.5	21.3
374158 2004 UL	18.8	X	209.20301	149.57911	39.56041	23.78909	0.9266848	0.69166807	1.2663028	21	10 19.2	20.7
374159 2004 UJ_{5}	16.3	X	235.37883	172.26180	234.84914	7.83523	0.2255944	0.21662815	2.7457402	21	6 11.9	20.9
374160 2004 VB_{4}	16.3	X	285.56784	98.50190	270.07877	3.57964	0.1109439	0.22114011	2.7082642	21	7 2.9	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374161 2004 VZ_{7}	17.2	X	237.56614	258.30379	150.02196	2.38858	0.1916067	0.21695786	2.7429577	21	6 18.3	21.5
374162 2004 VF_{16}	15.9	X	205.57317	344.11515	92.40432	13.16724	0.2277006	0.21390015	2.7690364	21	6 23.0	20.7
374163 2004 VY_{19}	16.5	X	200.27427	32.74454	50.68596	9.63016	0.1716852	0.21550278	2.7552909	21	6 28.8	21.1
374164 2004 VD_{29}	16.2	X	194.09483	15.54595	59.08186	7.65597	0.0222168	0.21369146	2.7708389	21	6 14.8	20.2
374165 2004 VG_{40}	16.3	X	183.81856	8.65433	54.86186	15.26697	0.0697009	0.20979407	2.8050498	21	5 18.9	20.4
374166 2004 VX_{46}	15.8	X	316.61344	225.75338	77.51102	10.21926	0.1487741	0.21355746	2.7719978	21	5 16.2	19.1
374167 2004 VT_{53}	16.2	X	299.41523	283.25985	51.19567	13.44235	0.1464300	0.21714351	2.7413941	21	5 29.9	19.7
374168 2004 VS_{56}	16.3	X	219.15860	133.07221	260.18051	5.68214	0.1713332	0.21176004	2.7876615	21	5 13.9	20.9
374169 2004 VE_{60}	16.1	X	269.42348	344.74369	27.07157	5.83814	0.0901683	0.21568507	2.7537383	21	6 18.6	19.9
374170 2004 VX_{65}	17.3	X	214.23169	134.95864	281.92007	2.15479	0.0854494	0.21486674	2.7607256	21	6 13.0	21.5
374171 2004 VC_{75}	15.8	X	286.94666	131.00278	226.96428	13.04540	0.1669144	0.21889936	2.7267148	21	6 11.4	19.6
374172 2004 VM_{82}	16.3	X	229.26441	44.21959	32.65664	14.98944	0.1920842	0.21816999	2.7327886	21	7 19.8	20.9
374173 2004 VH_{115}	17.0	X	252.12466	163.38777	212.87164	3.80939	0.0919977	0.21575096	2.7531776	21	6 3.4	21.0
374174 2004 WA_{8}	16.1	X	233.64035	0.68317	63.88298	7.88248	0.0758812	0.21746520	2.7386899	21	7 17.6	20.1
374175 2004 XM_{4}	16.3	X	223.05054	276.35523	133.36589	14.00689	0.2083173	0.21293257	2.7774185	21	6 7.9	21.1
374176 2004 XG_{12}	16.1	X	212.08104	341.13848	74.33134	8.44127	0.1317352	0.21085721	2.7956132	21	6 6.5	20.3
374177 2004 XA_{39}	16.2	X	247.03972	292.02370	141.70674	11.07038	0.3111270	0.21857399	2.7294201	21	7 17.4	20.7
374178 2004 XJ_{69}	16.3	X	169.47771	40.78660	57.67046	13.34081	0.1359488	0.21067312	2.7972415	21	6 18.1	20.8
374179 2004 XQ_{76}	16.1	X	220.84847	174.92365	256.69113	6.27223	0.1862365	0.21570682	2.7535531	21	7 1.8	20.6
374180 2004 XZ_{107}	16.5	X	211.83007	30.34365	56.79365	8.62838	0.2018859	0.21303814	2.7765008	21	7 13.5	21.2
374181 2004 XV_{111}	16.2	X	220.35682	13.06711	56.65264	12.74730	0.0980102	0.21639159	2.7477410	21	7 6.0	20.4
374182 2004 XX_{132}	16.3	X	233.01599	105.25971	304.62529	7.69295	0.2356080	0.21512567	2.7585100	21	6 12.4	21.0
374183 2004 XV_{159}	13.4	X	211.53773	80.38443	307.31048	16.46237	0.0516991	0.08318521	5.1972305	21	5 8.4	20.7
374184 2004 XJ_{186}	16.1	X	221.41265	165.59783	270.61650	12.97748	0.1600398	0.21648600	2.7469421	21	7 9.2	20.4
374185 2004 YZ_{2}	15.9	X	235.41806	163.06400	224.55149	12.27696	0.1871334	0.21309533	2.7760040	21	5 22.0	20.4
374186 2004 YF_{20}	15.9	X	78.67100	186.13130	288.83437	10.41953	0.1002632	0.19214952	2.9742435	21	3 19.4	20.0
374187 2004 YY_{32}	16.8	X	235.11582	255.02081	151.78058	5.45219	0.2362429	0.21552759	2.7550795	21	6 11.1	21.4
374188 2005 AD_{3}	17.4	X	106.76269	277.81403	293.98340	14.55819	0.5044099	0.26474793	2.4020442	21	9 28.2	22.5
374189 2005 AR_{49}	16.0	X	113.69427	185.98622	279.05539	9.61776	0.0994994	0.19657579	2.9294271	21	4 22.6	20.4
374190 2005 AN_{66}	16.3	X	170.89146	107.93399	259.91561	2.74471	0.0175117	0.18971158	2.9996700	21	2 22.3	20.6
374191 2005 AV_{68}	16.6	X	106.49145	98.28750	12.87520	3.67462	0.1639519	0.19477576	2.9474477	21	5 3.5	20.9
374192 2005 BF_{9}	17.5	X	71.82720	113.53650	358.98008	3.98352	0.0694438	0.30938561	2.1650569	21	2 14.6	19.6
374193 2005 CZ_{29}	17.9	X	199.42972	245.95621	354.86328	4.80910	0.1721087	0.28632694	2.2797886	21	—	—
374194 2005 CZ_{54}	16.7	X	101.48688	126.10356	344.08345	6.95268	0.1495216	0.19316216	2.9638394	21	4 22.5	21.0
374195 2005 CQ_{63}	16.2	X	93.52828	329.63186	129.99307	5.56035	0.2126744	0.19099366	2.9862311	21	4 13.9	20.4
374196 2005 EL_{26}	15.6	X	67.32344	107.44907	350.60126	14.11659	0.0583327	0.18163611	3.0879334	21	2 16.6	19.8
374197 2005 EQ_{27}	16.0	X	17.45675	174.94164	346.27179	10.37681	0.0851318	0.18351604	3.0668087	21	2 22.9	19.9
374198 2005 EU_{43}	17.6	X	296.94122	264.16566	268.45350	3.03438	0.0869249	0.29156183	2.2524177	21	—	—
374199 2005 EC_{50}	15.6	X	351.74073	183.59254	353.86948	15.84668	0.1838205	0.18047365	3.1011791	21	1 30.4	19.5
374200 2005 EP_{50}	15.6	X	342.85810	169.24978	350.09364	17.10288	0.1568375	0.17640196	3.1487181	21	—	—
374201 2005 EW_{51}	15.7	X	47.91908	148.33680	8.91481	23.84081	0.1658137	0.18528244	3.0472859	21	4 7.7	19.2
374202 2005 EQ_{74}	15.9	X	22.97757	341.41310	165.51869	12.62847	0.1295152	0.18314821	3.0709136	21	2 9.9	19.6
374203 2005 EE_{84}	17.4	X	40.69460	107.51675	339.39409	7.97218	0.0638690	0.29572578	2.2312245	21	—	—
374204 2005 EQ_{104}	16.3	X	348.82501	211.37480	323.46494	4.73414	0.0851682	0.18404675	3.0609104	21	1 28.2	20.1
374205 2005 EU_{120}	16.2	X	85.21739	197.46036	292.82578	6.10582	0.1304885	0.19034874	2.9929723	21	4 25.0	20.4
374206 2005 EK_{181}	15.6	X	312.56106	190.05687	6.52197	17.59260	0.1624142	0.17589279	3.1547917	21	—	—
374207 2005 EZ_{181}	17.3	X	335.78667	6.59015	140.47557	6.10361	0.0749953	0.29459946	2.2369078	21	—	—
374208 2005 EZ_{194}	15.7	X	328.85157	172.75870	355.84403	11.11190	0.1282018	0.17424769	3.1746172	21	—	—
374209 2005 EW_{197}	16.2	X	46.65358	296.17943	197.56804	14.01037	0.1441920	0.18168418	3.0873887	21	3 4.7	20.0
374210 2005 ED_{210}	16.2	X	99.57862	93.99929	343.21646	4.43129	0.1242260	0.18371258	3.0646211	21	3 9.9	20.3
374211 2005 EH_{212}	15.6	X	139.25788	42.51423	15.12359	9.67333	0.0314510	0.18710717	3.0274415	21	3 22.3	19.9
374212 2005 EK_{244}	16.7	X	98.13302	216.03121	179.70972	7.91813	0.0615961	0.17510960	3.1641913	21	1 9.1	21.2
374213 2005 ER_{272}	13.7	X	171.88832	205.57827	244.51568	3.11838	0.0768663	0.08231312	5.2338751	21	6 12.6	21.0
374214 2005 EC_{277}	16.3	X	300.55480	11.57506	192.48477	11.16442	0.1464762	0.17207281	3.2013111	21	—	—
374215 2005 EN_{282}	15.9	X	192.71138	312.32378	9.70436	9.90356	0.0298810	0.17403191	3.1772408	21	1 31.5	20.6
374216 2005 ER_{285}	16.3	X	46.86867	307.28246	195.67571	22.44291	0.1016626	0.18244062	3.0788487	21	3 13.7	20.4
374217 2005 EL_{292}	15.3	X	330.51812	170.66258	54.52411	11.42657	0.1203773	0.18057612	3.1000057	21	3 8.1	19.5
374218 2005 EJ_{306}	15.8	X	166.75726	3.04156	5.38845	9.04808	0.1668020	0.18100724	3.0950814	21	3 4.9	20.9
374219 2005 EZ_{312}	17.9	X	136.10313	23.17811	4.18713	6.91114	0.1635645	0.30285119	2.1960886	21	2 7.9	20.6
374220 2005 EP_{317}	16.1	X	103.99393	95.69316	14.93054	11.23402	0.1566853	0.18941691	3.0027803	21	4 27.6	20.4
374221 2005 ED_{324}	17.7	X	97.87975	220.28681	11.79527	4.17532	0.1430206	0.26600352	2.3944795	21	9 29.1	21.1
374222 2005 EK_{324}	16.0	X	23.67499	305.10591	196.13907	11.03882	0.0541622	0.17687907	3.1430534	21	2 4.4	20.4
374223 2005 FZ_{6}	15.2	X	310.01761	7.20921	168.68681	21.16028	0.1004900	0.17057733	3.2199949	21	—	—
374224 2005 FS_{14}	17.4	X	254.68324	110.95469	66.33413	5.87953	0.1322100	0.28545308	2.2844390	21	—	—
374225 2005 GK_{2}	15.8	X	173.04395	343.35163	30.79557	10.22081	0.0794636	0.18002221	3.1063615	21	3 14.8	20.6
374226 2005 GN_{2}	16.0	X	83.56323	49.32071	35.38639	8.55130	0.1621513	0.17994583	3.1072404	21	3 8.6	20.1
374227 2005 GM_{8}	16.5	X	183.55466	284.04063	233.10046	23.00453	0.3964339	0.21172988	2.7879263	21	8 30.6	22.4
374228 2005 GT_{15}	16.1	X	176.42613	332.59995	9.85311	8.95826	0.0547157	0.17745237	3.1362801	21	2 7.1	20.8
374229 2005 GR_{20}	17.1	X	217.89451	224.41516	36.41831	6.77829	0.0919505	0.28579978	2.2825911	21	—	—
374230 2005 GE_{21}	16.1	X	278.76836	224.45899	9.19382	10.76229	0.0591844	0.17318887	3.1875431	21	1 20.2	20.9
374231 2005 GG_{26}	16.0	X	107.13809	58.74505	23.86424	9.82018	0.1617341	0.18239695	3.0793402	21	4 1.7	20.4
374232 2005 GF_{27}	17.4	X	288.60218	212.42602	338.21255	6.99142	0.1768421	0.29117252	2.2544250	21	—	—
374233 2005 GJ_{33}	16.7	X	8.82395	195.62206	352.33953	4.78586	0.1129382	0.18631200	3.0360494	21	3 12.9	20.3
374234 2005 GF_{34}	18.2	X	317.09672	348.31788	176.92413	5.60437	0.1031238	0.29227631	2.2487455	21	—	—
374235 2005 GB_{40}	17.9	X	170.95486	84.77073	193.24450	5.99934	0.1082243	0.28198265	2.3031442	21	—	—
374236 2005 GT_{49}	15.7	X	114.85506	33.15005	28.32802	22.61942	0.2604110	0.18099340	3.0952393	21	4 1.3	20.6
374237 2005 GK_{88}	17.7	X	60.79111	78.13668	10.61919	3.74106	0.0835895	0.29568569	2.2314261	21	—	—
374238 2005 GA_{97}	17.7	X	150.77441	124.35527	172.91117	4.16223	0.1183541	0.28147595	2.3059073	21	—	—
374239 2005 GC_{98}	16.3	X	72.05222	245.91460	192.99424	7.85306	0.0420501	0.17340701	3.1848693	21	1 24.9	20.8
374240 2005 GP_{99}	18.3	X	126.96500	254.22084	26.98318	1.72415	0.1743846	0.27277450	2.3546889	21	12 29.9	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374241 2005 GC_{108}	16.1	X	137.05514	235.36502	192.84790	10.17271	0.2168871	0.18646503	3.0343881	21	4 19.9	21.0
374242 2005 GN_{108}	18.1	X	111.37684	118.11093	187.65775	5.55514	0.1289013	0.27636348	2.3342585	21	—	—
374243 2005 GL_{122}	16.7	X	117.92235	85.27892	344.19701	3.32586	0.1636514	0.18649911	3.0340183	21	3 26.5	21.3
374244 2005 GQ_{125}	16.2	X	194.78810	97.12536	216.04822	22.46462	0.1024745	0.16883901	3.2420586	21	1 17.1	21.7
374245 2005 GG_{140}	15.4	X	72.16533	81.24702	23.88123	19.63768	0.0241034	0.17687240	3.1431323	21	3 6.5	20.0
374246 2005 GU_{151}	17.9	X	172.40330	32.21390	197.32696	2.79186	0.1996570	0.27456934	2.3444161	21	12 5.9	21.6
374247 2005 GZ_{152}	17.0	X	178.59141	51.30843	203.35970	22.49513	0.1729996	0.27837453	2.3230027	21	—	—
374248 2005 GM_{168}	15.6	X	93.72010	41.75520	40.82946	10.78181	0.0704817	0.17878379	3.1206899	21	3 7.9	20.0
374249 2005 GZ_{177}	18.0	X	97.39855	62.67609	233.68763	0.72544	0.1887903	0.27075993	2.3663544	21	12 22.6	21.5
374250 2005 GT_{182}	16.2	X	287.38785	16.83326	193.61336	16.06778	0.0675441	0.17093258	3.2155319	21	—	—
374251 2005 GN_{200}	15.6	X	169.16394	127.70344	232.10429	12.94356	0.0867808	0.16900936	3.2398797	21	2 14.7	20.9
374252 2005 GR_{201}	17.9	X	65.83262	260.87950	195.04086	2.81903	0.1129742	0.29772078	2.2212458	21	1 14.2	19.9
374253 2005 GJ_{204}	16.3	X	84.86655	238.58938	179.05685	9.03107	0.0661640	0.17471331	3.1689744	21	1 18.7	20.7
374254 2005 GH_{221}	15.6	X	21.81374	156.48008	7.54889	10.41228	0.0428983	0.17923945	3.1153988	21	3 7.1	19.7
374255 2005 HK_{6}	17.5	X	181.69326	143.73444	96.95931	7.19252	0.0949349	0.27563545	2.3383669	21	—	—
374256 2005 JL_{7}	15.9	X	111.40048	30.02329	29.73293	11.90080	0.1095176	0.17771056	3.1332417	21	3 7.3	20.5
374257 2005 JW_{30}	15.7	X	160.81816	307.61980	15.64640	11.65852	0.1000380	0.16850209	3.2463787	21	1 2.8	20.8
374258 2005 JX_{37}	16.7	X	241.67035	41.09405	237.10370	6.34592	0.0860449	0.29378860	2.2410219	21	1 5.1	19.9
374259 2005 JK_{38}	15.4	X	8.62879	153.71664	55.04971	29.14464	0.1398576	0.18192521	3.0846611	21	4 21.6	19.3
374260 2005 JX_{52}	17.7	X	128.45707	168.39183	97.98274	6.60234	0.1984846	0.27001845	2.3706845	21	12 13.3	21.5
374261 2005 JX_{64}	18.2	X	314.62885	19.97525	137.19046	3.06008	0.1233367	0.28796219	2.2711496	21	—	—
374262 2005 JP_{91}	15.2	X	324.01698	300.82684	239.29503	10.23706	0.0023721	0.16813768	3.2510677	21	1 13.3	20.0
374263 2005 JO_{130}	17.7	X	168.55771	350.36057	245.43003	2.44330	0.1866755	0.27409366	2.3471277	21	12 10.6	21.5
374264 2005 JC_{142}	17.9	X	145.28420	156.91456	93.77543	3.33301	0.1780154	0.27058470	2.3673759	21	12 8.4	21.7
374265 2005 JW_{177}	17.5	X	83.27936	152.45885	144.32317	3.01262	0.1938448	0.26637628	2.3922452	21	12 10.3	21.2
374266 2005 LF	17.6	X	215.33635	266.57326	307.87867	6.20011	0.0790485	0.27932636	2.3177225	21	—	—
374267 2005 LW	18.9	X	52.56438	354.78399	138.09404	3.13528	0.6409919	0.55464895	1.4670917	21	—	—
374268 2005 LQ_{30}	17.8	X	30.75232	120.69121	239.29134	0.27659	0.2100419	0.26024908	2.4296474	21	—	—
374269 2005 LA_{43}	17.7	X	208.99361	278.98901	254.70675	18.23372	0.1044901	0.39168926	1.8500137	21	12 1.9	19.5
374270 2005 MW_{14}	17.4	X	58.92771	51.27757	275.51540	4.54302	0.2366810	0.25925802	2.4358353	21	12 26.7	20.9
374271 2005 MV_{18}	16.6	X	2.38967	119.55450	244.55719	7.95936	0.2938281	0.25286793	2.4767008	21	12 7.4	18.6
374272 2005 NS_{6}	17.2	X	19.08559	83.69489	280.32934	6.98778	0.2580986	0.25697830	2.4502200	21	12 30.4	20.0
374273 2005 NL_{22}	16.9	X	250.59347	239.21586	271.27882	5.48256	0.0725855	0.26313756	2.4118344	21	12 5.6	19.7
374274 2005 NF_{31}	17.2	X	28.59954	78.82530	264.39040	2.65352	0.2474415	0.25663239	2.4524213	21	12 14.0	20.0
374275 2005 NS_{55}	17.2	X	28.05619	121.74182	227.39343	8.50415	0.2802815	0.25603434	2.4562387	21	12 25.4	20.3
374276 2005 NL_{62}	16.9	X	71.07747	358.68743	302.77184	6.47305	0.1638524	0.25882345	2.4385610	21	11 28.4	20.5
374277 2005 NQ_{81}	17.6	X	160.62221	283.90789	305.15844	4.10517	0.1855753	0.26539596	2.3981325	21	11 23.5	21.4
374278 2005 NL_{95}	17.6	X	101.64033	312.77163	294.25792	1.33169	0.2052156	0.25882442	2.4385550	21	10 25.9	21.4
374279 2005 OO_{31}	17.0	X	218.42694	6.66813	212.64348	6.21734	0.0660696	0.26893932	2.3770219	21	—	—
374280 2005 PP_{14}	17.4	X	111.77380	275.14665	44.17537	2.50101	0.1459637	0.26614890	2.3936075	21	—	—
374281 2005 PE_{21}	17.7	X	35.29746	146.27838	205.16749	3.67548	0.2381207	0.25690118	2.4507103	21	12 31.5	21.0
374282 2005 QK_{15}	17.7	X	38.29100	14.54094	335.05850	3.22234	0.1863554	0.25663119	2.4524289	21	12 25.8	20.8
374283 2005 QF_{43}	15.1	X	12.93742	14.77271	317.35289	11.57924	0.2147244	0.12518442	3.9576361	21	9 27.1	19.8
374284 2005 QT_{53}	17.5	X	36.41653	349.29135	351.15655	1.70708	0.1824099	0.25549166	2.4597156	21	12 10.3	20.6
374285 2005 QW_{60}	17.6	X	17.59353	121.17862	212.21590	4.98082	0.1384836	0.25108874	2.4883868	21	10 25.6	20.1
374286 2005 QB_{72}	17.3	X	352.63514	210.40045	187.73606	3.86776	0.2481895	0.25322289	2.4743857	21	12 29.7	19.5
374287 2005 QT_{87}	16.9	X	43.51432	56.89880	259.60690	6.49863	0.1242812	0.25239277	2.4798083	21	11 7.4	20.0
374288 2005 QE_{88}	16.6	X	349.04525	39.41746	312.73942	1.16747	0.2886886	0.12229506	4.0197289	21	9 9.2	20.5
374289 2005 QU_{104}	17.0	X	36.53338	9.09590	321.18027	5.79299	0.1264690	0.25325171	2.4741981	21	11 15.9	20.1
374290 2005 QQ_{122}	17.9	X	333.71939	204.42076	210.29348	0.90635	0.1752017	0.25342339	2.4730805	21	12 5.0	19.8
374291 2005 QS_{148}	17.3	X	2.51312	313.79017	45.96242	6.94849	0.2431280	0.25188706	2.4831263	21	11 20.9	19.5
374292 2005 RA_{1}	17.3	X	6.40102	147.88168	216.72094	19.57431	0.0790563	0.37674297	1.8986254	21	12 11.1	19.2
374293 2005 SR_{15}	15.3	X	32.23158	47.24467	269.21042	1.59063	0.2035251	0.12417483	3.9790586	21	10 13.6	20.1
374294 2005 SY_{32}	16.7	X	74.50220	355.45482	40.82166	6.40258	0.0720950	0.26563117	2.3967166	21	—	—
374295 2005 SD_{38}	17.5	X	30.38830	331.07629	39.01146	1.88793	0.2035988	0.25581992	2.4576110	21	—	—
374296 2005 SX_{41}	16.9	X	82.92031	110.02652	267.83103	2.43804	0.2123545	0.26478416	2.4018251	21	—	—
374297 2005 SD_{49}	17.7	X	355.77318	312.40038	39.56675	1.41270	0.1810219	0.24595738	2.5228774	21	10 16.1	19.8
374298 2005 SS_{61}	17.9	X	338.74743	199.51696	176.44168	1.97244	0.1799339	0.24628968	2.5206076	21	10 15.6	19.8
374299 2005 SC_{79}	17.8	X	11.96679	349.23930	40.47208	3.31460	0.2029712	0.25463189	2.4652494	21	—	—
374300 2005 SW_{98}	17.6	X	252.07967	115.05364	338.58293	7.22227	0.1599212	0.24115543	2.5562580	21	9 5.3	21.0
374301 2005 SR_{139}	17.0	X	211.83128	99.47136	47.37990	3.50246	0.0453787	0.24732300	2.5135819	21	10 13.5	20.2
374302 2005 SB_{150}	16.8	X	329.39159	303.18314	29.10502	12.59271	0.0703383	0.23742520	2.5829629	21	7 31.0	20.1
374303 2005 SH_{150}	17.8	X	347.08096	305.36460	59.07917	2.54621	0.1633680	0.24598288	2.5227030	21	10 15.9	19.9
374304 2005 SZ_{152}	16.8	X	237.31684	231.05338	193.89620	11.18649	0.1729415	0.23370138	2.6103287	21	7 9.2	21.0
374305 2005 SE_{154}	17.8	X	23.28741	103.35525	205.33992	5.60421	0.1790482	0.24668628	2.5179053	21	10 4.5	20.3
374306 2005 SL_{155}	17.6	X	320.74855	222.56527	191.45720	21.64149	0.0817501	0.37727113	1.8968530	21	12 10.7	19.6
374307 2005 SB_{164}	17.6	X	323.30445	260.67763	90.58407	4.74902	0.3153953	0.24158254	2.5532442	21	7 8.2	19.5
374308 2005 SX_{175}	17.4	X	38.28314	117.16843	232.30528	5.36502	0.0936450	0.25331629	2.4737775	21	12 10.9	20.6
374309 2005 SC_{188}	17.3	X	146.45263	343.10541	192.92183	8.39681	0.1000478	0.23918092	2.5703072	21	8 31.7	21.3
374310 2005 SG_{198}	18.4	X	17.72151	112.25732	179.14623	21.61429	0.0540166	0.36770497	1.9296108	21	8 21.4	20.3
374311 2005 SP_{221}	18.1	X	335.21562	313.73062	15.86858	4.75871	0.2789890	0.24062476	2.5600150	21	7 11.3	19.9
374312 2005 SV_{226}	17.8	X	335.34421	9.94885	15.30734	3.10702	0.1034054	0.24746501	2.5126202	21	10 21.0	20.5
374313 2005 SL_{229}	17.8	X	24.51453	285.07428	359.77737	4.85266	0.2114599	0.24418218	2.5350901	21	9 7.7	20.1
374314 2005 SC_{238}	17.1	X	290.20184	80.33018	354.34088	3.26350	0.0509688	0.24544818	2.5263655	21	10 19.6	20.2
374315 2005 SN_{246}	16.9	X	201.68113	298.15805	212.36656	9.13807	0.1089363	0.24325580	2.5415222	21	9 26.6	20.7
374316 2005 SU_{259}	17.4	X	332.63283	258.95799	116.36098	8.35927	0.2542644	0.24604042	2.5223097	21	10 2.5	19.2
374317 2005 SJ_{279}	17.4	X	246.58648	236.14737	226.99053	1.21267	0.0918571	0.23899893	2.5716118	21	9 20.6	20.9
374318 2005 SG_{286}	15.6	X	35.21719	278.61212	31.65956	1.73661	0.1209850	0.12341219	3.9954345	21	10 1.0	20.9
374319 2005 TO_{6}	17.5	X	319.91553	20.23126	318.66550	6.63827	0.3235983	0.24009502	2.5637792	21	6 8.0	20.0
374320 2005 TG_{7}	16.2	X	202.07776	126.94070	325.56106	11.74753	0.1842900	0.23219538	2.6216035	21	7 13.6	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374321 2005 TW_{16}	17.3	X	6.52806	340.05604	21.13572	5.40443	0.2537386	0.25151172	2.4855961	21	12 2.4	19.6
374322 2005 TQ_{17}	17.7	X	3.07532	83.22726	182.12618	4.60566	0.2384884	0.23688159	2.5869131	21	6 13.2	19.6
374323 2005 TO_{38}	17.8	X	295.26922	22.32843	43.71655	2.00659	0.0951559	0.24734434	2.5134374	21	10 11.8	20.7
374324 2005 TT_{54}	17.2	X	289.47816	199.67929	193.21779	13.70055	0.1840887	0.23936245	2.5690075	21	7 27.7	20.6
374325 2005 TL_{62}	17.5	X	257.95014	262.75950	184.58809	4.64207	0.1837345	0.23986946	2.5653861	21	8 30.9	21.1
374326 2005 TN_{64}	17.9	X	2.68232	313.81832	35.91776	1.68350	0.1702123	0.24664826	2.5181640	21	10 25.8	20.1
374327 2005 TU_{69}	17.5	X	42.08574	211.06415	62.33544	3.77974	0.1838619	0.24358297	2.5392459	21	9 18.7	20.4
374328 2005 TV_{80}	18.1	X	357.50974	119.53836	218.93065	8.10057	0.2374733	0.24607252	2.5220904	21	10 2.2	20.1
374329 2005 TZ_{93}	17.6	X	350.04859	39.37110	356.70248	6.28266	0.0878403	0.25101159	2.4888967	21	11 29.4	20.5
374330 2005 TO_{117}	16.2	X	113.55394	196.45136	5.16240	7.10988	0.2599311	0.23981240	2.5657930	21	9 14.4	20.4
374331 2005 TH_{120}	15.1	X	69.72846	258.80572	23.69919	3.09321	0.1728008	0.12386058	3.9857861	21	10 18.5	20.7
374332 2005 TF_{125}	18.0	X	347.20549	176.23933	233.65761	1.46949	0.2200458	0.25115689	2.4879367	21	12 30.9	20.2
374333 2005 TJ_{128}	16.8	X	134.19720	171.95990	19.51262	12.32825	0.0987314	0.24003987	2.5641718	21	9 13.9	20.7
374334 2005 TJ_{129}	16.7	X	110.46891	321.81515	37.33089	2.85212	0.1078792	0.20300678	2.8672288	21	—	—
374335 2005 TT_{134}	17.7	X	326.35183	328.25736	19.30629	8.22922	0.1717181	0.24140325	2.5545082	21	8 6.2	20.3
374336 2005 TG_{171}	16.6	X	273.58058	156.04234	302.22022	9.24925	0.2250122	0.24440629	2.5335402	21	9 25.6	19.8
374337 2005 TV_{190}	17.7	X	252.14260	76.51112	47.73148	25.49307	0.0655801	0.37308493	1.9110157	21	11 21.7	19.4
374338 2005 UZ_{4}	17.1	X	74.13257	321.40684	308.95890	4.30437	0.0922368	0.24368007	2.5385714	21	10 10.1	20.6
374339 2005 UP_{6}	17.5	X	26.51437	243.06884	31.46683	21.62134	0.0678420	0.36312770	1.9457922	21	8 31.0	19.8
374340 2005 US_{11}	17.4	X	306.78548	165.02573	199.55369	8.72184	0.1977597	0.23746808	2.5826520	21	7 14.3	20.5
374341 2005 UW_{57}	17.8	X	289.21469	54.69347	335.71850	1.90399	0.1258978	0.23705289	2.5856667	21	8 6.3	20.8
374342 2005 UY_{61}	16.9	X	51.47450	60.12371	224.85448	13.00733	0.1361064	0.24071892	2.5593473	21	10 5.4	20.2
374343 2005 UO_{73}	16.2	X	257.86100	238.47580	223.17360	21.64637	0.0644865	0.24202362	2.5501411	21	10 5.1	19.7
374344 2005 UN_{92}	17.3	X	355.80797	357.61796	333.38543	3.36261	0.1412489	0.24053552	2.5606481	21	9 9.1	19.8
374345 2005 US_{93}	17.9	X	275.68028	126.07944	274.64729	3.33101	0.1456849	0.23639933	2.5904302	21	7 27.7	21.2
374346 2005 UB_{104}	17.9	X	270.25088	213.12880	188.99728	3.51332	0.1426869	0.23469120	2.6029841	21	7 22.4	21.5
374347 2005 UF_{126}	17.1	X	173.81534	230.01270	229.74115	4.18610	0.0984283	0.22655429	2.6649426	21	6 24.0	21.2
374348 2005 US_{132}	16.6	X	322.59653	252.24771	162.06417	13.62096	0.1803376	0.24518703	2.5281590	21	11 11.4	19.1
374349 2005 UN_{148}	17.6	X	0.18454	78.39131	287.79801	1.06354	0.1628702	0.24688063	2.5165836	21	11 12.9	19.9
374350 2005 UH_{155}	16.1	X	24.12977	240.34369	49.12617	11.86367	0.1473421	0.23710558	2.5852836	21	9 9.9	19.1
374351 2005 US_{155}	17.5	X	322.05741	303.44712	81.34117	7.95062	0.2527930	0.24402486	2.5361795	21	9 17.9	19.5
374352 2005 UK_{156}	17.5	X	11.16501	281.54039	41.00201	22.23203	0.1181261	0.36865711	1.9262869	21	10 22.4	19.0
374353 2005 UO_{156}	16.6	X	95.38925	135.96536	36.46866	13.82021	0.1178433	0.22716436	2.6601691	21	7 2.9	20.5
374354 Pesquet	17.7	X	261.95574	106.42405	287.41986	0.38482	0.2294311	0.23230165	2.6208038	21	6 20.0	21.6
374355 2005 UT_{163}	17.5	X	348.69916	85.90050	227.81418	6.00411	0.2255947	0.23923260	2.5699370	21	7 24.6	19.6
374356 2005 UT_{176}	16.7	X	258.61666	84.69268	41.82833	11.87552	0.2458688	0.24294600	2.5436824	21	10 17.7	20.0
374357 2005 UV_{181}	17.1	X	151.09157	80.96649	75.75834	4.39270	0.0430684	0.23194664	2.6234774	21	8 12.3	20.8
374358 2005 UM_{198}	17.3	X	282.13850	110.02552	320.36779	2.84820	0.0091519	0.24333904	2.5409426	21	10 6.8	20.5
374359 2005 UL_{200}	17.0	X	306.60587	162.52365	212.41281	4.84068	0.1067846	0.23750975	2.5823499	21	8 12.7	20.1
374360 2005 UN_{212}	16.1	X	45.17274	46.77383	227.49561	29.27863	0.0720615	0.23622459	2.5917075	21	8 23.1	20.2
374361 2005 US_{217}	17.8	X	323.20165	209.40753	211.22013	11.32532	0.2187076	0.24640579	2.5198157	21	11 18.8	19.7
374362 2005 UR_{232}	17.4	X	2.98798	247.80843	50.24139	14.94169	0.1955762	0.23664446	2.5886410	21	8 15.3	20.1
374363 2005 UB_{236}	17.3	X	341.48541	247.00941	96.98289	4.16469	0.2531128	0.24127456	2.5554165	21	8 30.2	18.9
374364 2005 UB_{242}	17.0	X	288.90070	5.65388	23.66872	5.48343	0.0650032	0.23463189	2.6034227	21	8 16.0	20.3
374365 2005 UN_{292}	16.8	X	311.29467	347.96844	21.19191	6.27157	0.0816654	0.23726925	2.5840946	21	8 20.4	19.9
374366 2005 UO_{293}	17.5	X	245.76066	42.35200	7.24725	3.44678	0.0958398	0.23193196	2.6235881	21	7 9.6	21.2
374367 2005 US_{295}	18.0	X	273.74935	136.18885	278.20594	0.37060	0.1214421	0.23701081	2.5859728	21	8 17.5	21.2
374368 2005 UU_{302}	16.9	X	258.10457	0.92464	76.69817	10.42154	0.2046504	0.23633878	2.5908726	21	8 20.2	20.7
374369 2005 UE_{312}	17.2	X	142.06181	346.64146	180.95282	3.88510	0.1646937	0.23331617	2.6132010	21	8 20.0	21.4
374370 2005 UU_{322}	17.6	X	323.60445	240.65864	159.27538	4.22613	0.2144811	0.24473715	2.5312563	21	10 17.4	19.5
374371 2005 UH_{331}	17.6	X	325.94204	259.60332	112.05714	1.60900	0.1779536	0.24412820	2.5354638	21	9 9.1	19.8
374372 2005 UV_{343}	17.2	X	228.85591	133.53413	331.45661	3.75333	0.0905983	0.23813459	2.5778307	21	9 1.3	20.9
374373 2005 UK_{361}	17.7	X	290.80109	164.38807	204.99231	1.91667	0.0938505	0.23511742	2.5998373	21	7 14.2	21.0
374374 2005 UN_{362}	16.9	X	197.06699	108.82638	34.73163	14.30535	0.0964712	0.23823588	2.5771000	21	9 21.5	20.9
374375 2005 UY_{367}	17.6	X	266.53078	214.44823	200.21512	2.50357	0.0148141	0.23578297	2.5949426	21	8 23.8	21.1
374376 2005 UV_{382}	16.6	X	82.38431	357.06661	193.10448	4.71096	0.2129391	0.22550373	2.6732130	21	7 22.5	20.4
374377 2005 UM_{387}	17.4	X	307.09958	112.90243	241.55511	11.37977	0.2116597	0.23522973	2.5990097	21	6 28.2	20.4
374378 2005 UM_{400}	17.0	X	40.13052	352.49214	267.83131	2.62515	0.0624762	0.23306463	2.6150810	21	8 5.2	20.1
374379 2005 UD_{405}	17.4	X	310.86215	332.08581	69.42320	6.46503	0.1188508	0.24077507	2.5589494	21	10 2.6	20.3
374380 2005 UR_{425}	18.4	X	327.17406	122.94084	247.46550	2.40273	0.2908921	0.24251239	2.5467135	21	8 25.1	19.9
374381 2005 UQ_{432}	17.5	X	174.26564	321.26137	165.43133	1.64070	0.0335097	0.23087652	2.6315778	21	7 29.6	21.1
374382 2005 UA_{434}	15.2	X	313.96264	69.12869	44.94609	9.70652	0.2059702	0.12597976	3.9409615	21	12 4.9	19.8
374383 2005 UC_{448}	17.0	X	224.82516	121.87177	315.08042	4.59610	0.2301103	0.23212562	2.6221287	21	7 10.0	21.3
374384 2005 UG_{468}	16.2	X	94.76081	28.74718	240.89644	14.57650	0.0957506	0.24527604	2.5275473	21	11 4.5	19.8
374385 2005 UO_{476}	16.5	X	34.33284	247.88704	39.72800	14.87813	0.1260763	0.23898142	2.5717374	21	9 22.3	19.7
374386 2005 UN_{478}	17.8	X	212.75550	187.78991	258.25941	1.34197	0.0421004	0.23271629	2.6176899	21	7 22.9	21.5
374387 2005 UG_{479}	17.4	X	283.74941	46.67771	352.75829	9.27642	0.2060202	0.23808215	2.5782092	21	7 31.3	20.7
374388 2005 UW_{481}	17.0	X	327.31540	276.99151	105.06484	13.81093	0.2498067	0.24405858	2.5359459	21	10 2.3	19.2
374389 2005 UV_{520}	17.9	X	48.39691	127.53355	192.79258	5.88780	0.1159693	0.25222609	2.4809007	21	11 20.1	21.1
374390 2005 UQ_{527}	16.8	X	339.00225	243.13325	124.87438	6.35575	0.1531552	0.24295116	2.5436464	21	10 5.8	19.2
374391 2005 UU_{529}	17.2	X	323.92128	283.61920	92.58510	8.74087	0.1481636	0.24183933	2.5514365	21	9 18.9	19.9
374392 2005 VA_{3}	17.5	X	304.50049	187.53254	239.98570	4.42141	0.1416400	0.24587245	2.5234583	21	10 22.5	20.2
374393 2005 VW_{13}	17.5	X	271.64965	342.91730	105.37503	6.48272	0.2108700	0.24110567	2.5566097	21	9 19.8	20.7
374394 2005 VQ_{14}	17.6	X	357.34383	336.82492	3.28024	3.19728	0.1638891	0.24338131	2.5406484	21	9 28.7	19.9
374395 2005 VE_{41}	17.1	X	114.18647	33.71562	153.64237	3.03202	0.0704807	0.22995203	2.6386263	21	8 8.3	20.7
374396 2005 VC_{48}	17.6	X	33.14312	110.24610	195.27539	3.61400	0.2473874	0.24488733	2.5302213	21	10 28.9	20.4
374397 2005 VN_{58}	16.7	X	50.83718	299.11006	345.01215	4.86875	0.0802925	0.24168015	2.5525567	21	9 26.5	19.8
374398 2005 VE_{79}	17.6	X	101.80377	303.97904	277.69945	1.49912	0.1122970	0.23861335	2.5743814	21	9 12.9	21.4
374399 2005 VA_{97}	17.5	X	296.51163	142.49875	253.93231	2.54613	0.0930297	0.23832241	2.5764761	21	8 29.9	20.6
374400 2005 VZ_{97}	16.3	X	334.20990	72.30242	258.66351	22.97360	0.2924968	0.23833102	2.5764141	21	7 2.7	18.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374401 2005 VW_{105}	17.0	X	19.45985	299.89182	333.20522	4.07863	0.1735976	0.23602778	2.5931480	21	8 3.2	19.5
374402 2005 VB_{126}	18.1	X	330.97439	345.91719	24.71498	3.22054	0.1741764	0.24551250	2.5259242	21	9 19.7	20.3
374403 2005 VK_{131}	16.9	X	0.37793	190.23804	165.54208	8.78736	0.1298092	0.24677515	2.5173007	21	10 28.5	19.6
374404 2005 WM	17.4	X	288.90211	350.61429	65.81267	3.84994	0.2038625	0.23883299	2.5728028	21	9 1.1	20.4
374405 2005 WL_{3}	16.2	X	317.56066	20.58058	12.78613	19.62602	0.2483934	0.23976643	2.5661210	21	9 20.6	18.4
374406 2005 WN_{25}	16.1	X	5.88653	249.40469	56.29725	11.68037	0.1889744	0.23526640	2.5987397	21	9 2.5	18.7
374407 2005 WO_{26}	16.3	X	246.55415	164.49125	252.74295	14.15861	0.1359514	0.23102685	2.6304360	21	7 12.2	20.3
374408 2005 WW_{29}	17.2	X	338.91521	65.11884	296.01322	2.13974	0.2670121	0.24151067	2.5537507	21	9 17.9	18.7
374409 2005 WK_{34}	16.8	X	293.70205	141.22972	274.46088	5.15341	0.1905707	0.23910860	2.5708254	21	9 5.2	19.7
374410 2005 WM_{39}	16.7	X	217.93269	203.17585	245.52290	2.80242	0.0487909	0.23042486	2.6350154	21	7 31.6	20.4
374411 2005 WJ_{45}	17.4	X	349.13172	291.05706	64.03903	11.31372	0.3378643	0.24418293	2.5350849	21	10 26.4	18.6
374412 2005 WY_{48}	17.2	X	301.56861	309.11454	63.06782	4.71547	0.2417725	0.23547377	2.5972137	21	7 11.2	20.2
374413 2005 WW_{49}	17.5	X	314.04629	269.09477	70.52536	4.36706	0.2107794	0.23417144	2.6068344	21	6 19.8	20.3
374414 2005 WL_{50}	17.4	X	300.56875	31.97087	338.86887	0.47124	0.1427356	0.23506721	2.6002075	21	7 24.2	20.5
374415 2005 WJ_{53}	17.3	X	249.87461	356.23869	79.13356	3.02268	0.1424894	0.23460197	2.6036441	21	8 12.6	21.0
374416 2005 WN_{62}	17.2	X	293.81768	293.37430	157.19024	2.29696	0.1671372	0.24451422	2.5327946	21	11 3.8	19.6
374417 2005 WR_{62}	17.1	X	342.28493	262.72556	123.62284	5.22229	0.2192380	0.24516455	2.5283136	21	11 13.2	19.1
374418 2005 WZ_{66}	17.0	X	75.82720	184.87647	65.19310	2.75897	0.0900020	0.23484968	2.6018129	21	9 17.8	20.4
374419 2005 WB_{69}	15.9	X	254.68180	191.82837	251.69443	13.93581	0.2239750	0.23492893	2.6012278	21	8 10.7	20.1
374420 2005 WS_{69}	17.4	X	264.95674	186.46969	218.63704	1.61856	0.0601772	0.23139748	2.6276265	21	8 1.4	20.9
374421 2005 WG_{74}	16.9	X	340.01894	19.95853	83.61578	25.28395	0.1066222	0.37653533	1.8993233	21	—	—
374422 2005 WB_{85}	17.7	X	322.33523	335.41570	44.25228	8.02318	0.1515372	0.24368052	2.5385682	21	9 19.9	20.2
374423 2005 WX_{109}	17.4	X	7.90177	148.45493	222.30014	1.59302	0.1549802	0.24649379	2.5192160	21	12 2.5	19.9
374424 2005 WA_{111}	17.2	X	265.09728	312.45989	81.28313	4.74443	0.1635550	0.23162623	2.6258962	21	7 2.2	20.9
374425 2005 WK_{113}	17.5	X	229.98379	296.99800	184.16313	5.81750	0.2769434	0.23521392	2.5991262	21	9 2.9	21.9
374426 2005 WK_{116}	17.2	X	256.37510	303.90345	100.76030	7.19541	0.2290384	0.23147078	2.6270717	21	6 28.3	21.1
374427 2005 WU_{116}	17.1	X	253.36219	286.23382	91.27189	6.72038	0.0883301	0.22572590	2.6714586	21	6 6.7	20.7
374428 2005 WX_{126}	17.1	X	266.06266	314.82774	155.47902	5.12548	0.2375300	0.24129579	2.5552666	21	10 5.9	20.2
374429 2005 WA_{138}	17.4	X	17.17094	84.63469	263.13333	0.83346	0.1773038	0.24554136	2.5257262	21	11 18.9	20.1
374430 2005 WK_{142}	17.0	X	329.99506	313.67075	67.25723	5.99816	0.0291507	0.23830227	2.5766213	21	10 8.9	20.2
374431 2005 WW_{150}	17.0	X	329.60551	332.52146	46.40581	5.41506	0.2233441	0.24101711	2.5572359	21	9 27.9	18.9
374432 2005 WC_{155}	17.1	X	344.42178	16.00371	339.63964	0.83013	0.1508540	0.23853912	2.5749155	21	9 23.6	19.3
374433 2005 WV_{158}	17.0	X	215.25618	182.70464	261.60305	4.64369	0.2948339	0.22717875	2.6600568	21	7 6.9	21.6
374434 2005 WZ_{158}	16.6	X	316.67340	252.38683	142.33902	9.74261	0.1307268	0.24194166	2.5507170	21	10 2.3	19.3
374435 2005 WM_{163}	14.8	X	59.64391	272.48567	38.33601	12.62290	0.1161205	0.12483894	3.9649344	21	11 1.0	20.3
374436 2005 WM_{165}	16.7	X	137.51115	73.32094	93.40501	3.17539	0.1373910	0.22852455	2.6496030	21	8 14.7	20.7
374437 2005 WA_{168}	17.3	X	276.37216	306.40734	97.54885	1.65784	0.0804837	0.23324838	2.6137074	21	8 13.7	20.7
374438 2005 WQ_{176}	16.0	X	212.64847	217.45799	279.26314	11.65761	0.1143522	0.23355538	2.6114164	21	9 14.8	20.1
374439 2005 WV_{176}	17.5	X	263.70415	18.58135	71.78584	5.26107	0.2001666	0.23592065	2.5939329	21	9 12.6	21.0
374440 2005 WP_{177}	16.8	X	64.81233	125.13244	81.43959	6.14364	0.0496136	0.21993336	2.7181618	21	6 26.3	20.2
374441 2005 WG_{185}	17.6	X	255.92550	115.64928	264.48315	17.40859	0.1059632	0.35146655	1.9885967	21	6 6.5	19.7
374442 2005 WT_{186}	17.5	X	250.68828	100.06817	3.81237	2.87351	0.1405411	0.23957520	2.5674863	21	9 20.5	21.0
374443 2005 WC_{188}	17.1	X	280.20599	338.10941	61.62698	5.03863	0.2003609	0.23341792	2.6124416	21	7 25.7	20.4
374444 2005 WJ_{195}	16.8	X	322.13797	333.45432	68.55649	7.64640	0.2643479	0.24161985	2.5529813	21	10 14.6	18.5
374445 2005 WW_{195}	16.7	X	230.39872	162.04244	299.10886	5.58478	0.1296265	0.22720001	2.6598909	21	8 22.5	20.7
374446 2005 WP_{207}	16.8	X	188.12974	195.81950	285.20121	6.56835	0.1601916	0.23007607	2.6376778	21	8 3.4	21.2
374447 2005 WM_{208}	17.1	X	327.49011	44.32738	347.98004	3.45421	0.2625820	0.24242392	2.5473331	21	10 8.4	18.7
374448 2005 WP_{211}	17.5	X	268.63629	175.58753	232.03899	1.88528	0.1863915	0.23305153	2.6151789	21	7 21.5	21.1
374449 2005 XD_{1}	19.4	X	180.72752	198.69426	287.37686	18.28683	0.3064973	0.47767379	1.6207466	21	8 3.2	22.0
374450 2005 XD_{2}	16.3	X	181.95189	243.11192	255.38968	13.34311	0.0588025	0.23185727	2.6241515	21	8 17.1	20.4
374451 2005 XF_{4}	17.4	X	279.02473	292.06567	89.98491	4.13634	0.1875890	0.23294797	2.6159539	21	6 30.4	20.9
374452 2005 XP_{5}	17.0	X	200.77032	200.96033	268.58903	17.24812	0.0940413	0.36038058	1.9556680	21	8 3.3	19.7
374453 2005 XT_{8}	15.5	X	318.62848	86.86759	11.76247	2.75651	0.2192632	0.12635375	3.9331812	21	11 23.9	19.9
374454 2005 XK_{14}	17.5	X	304.93055	247.74779	137.53760	4.09865	0.2093254	0.23662935	2.5887512	21	8 11.1	20.2
374455 2005 XM_{16}	16.1	X	239.46489	166.09379	267.32186	12.55020	0.1368793	0.22886812	2.6469507	21	7 25.1	20.1
374456 2005 XN_{26}	17.1	X	248.58864	313.96576	101.36387	2.80325	0.0872635	0.22746347	2.6578366	21	7 21.5	20.8
374457 2005 XE_{28}	17.0	X	270.98535	179.17922	270.08483	13.05603	0.2208348	0.23774948	2.5806137	21	9 6.9	20.7
374458 2005 XF_{29}	16.5	X	281.66669	65.00790	13.76568	11.70082	0.1646549	0.23708459	2.5854362	21	9 27.0	19.4
374459 2005 XA_{42}	16.8	X	349.88602	78.75044	253.66088	6.84820	0.1598640	0.23980184	2.5658684	21	8 26.5	19.3
374460 2005 XU_{43}	17.5	X	357.55888	256.88096	60.86439	4.78019	0.1850515	0.23554972	2.5966554	21	8 28.3	19.8
374461 2005 XW_{49}	17.3	X	194.56624	124.20063	336.37196	3.26433	0.1373135	0.22564708	2.6720807	21	7 16.9	21.4
374462 2005 XJ_{53}	17.0	X	52.08218	13.84185	306.32224	2.83797	0.0560289	0.24649570	2.5192029	21	11 12.6	20.2
374463 2005 XO_{54}	17.3	X	141.24755	153.10482	18.44649	2.15872	0.1282648	0.22910459	2.6451290	21	8 24.0	21.2
374464 2005 XN_{59}	17.2	X	298.51462	88.44481	328.02756	1.66385	0.1881609	0.23905606	2.5712021	21	9 17.9	19.8
374465 2005 XZ_{63}	16.8	X	263.33187	138.89548	265.73944	12.42097	0.2526339	0.23226841	2.6210539	21	7 2.0	20.8
374466 2005 XD_{71}	16.6	X	164.41683	69.57732	68.96830	13.91858	0.0888129	0.22646401	2.6656508	21	8 7.6	20.8
374467 2005 XO_{82}	17.3	X	343.76508	75.90611	272.02877	3.62660	0.2288327	0.24015502	2.5633522	21	9 8.2	19.2
374468 2005 XJ_{83}	17.3	X	285.25343	81.51010	328.02366	4.26466	0.2302882	0.23741981	2.5830020	21	8 9.9	20.4
374469 2005 XV_{83}	16.0	X	235.83423	339.87158	91.70572	12.92660	0.1591986	0.22703848	2.6611523	21	7 20.0	20.1
374470 2005 XN_{88}	17.5	X	214.12335	248.60854	188.61207	1.56448	0.0159688	0.22478350	2.6789201	21	7 14.8	21.2
374471 2005 YR_{10}	17.8	X	239.41872	259.41836	174.64178	0.93316	0.1906532	0.23115238	2.6294836	21	7 22.9	21.9
374472 2005 YB_{16}	17.0	X	232.77762	105.14312	289.92164	5.66920	0.0694410	0.21890475	2.7266700	21	6 6.8	20.9
374473 2005 YK_{20}	17.0	X	324.32046	332.32896	73.61759	0.83698	0.0603860	0.23848630	2.5752956	21	10 31.2	20.1
374474 2005 YG_{30}	17.4	X	290.69662	302.07682	112.07999	2.73936	0.1805986	0.23761194	2.5816094	21	9 3.6	20.2
374475 2005 YY_{31}	16.9	X	264.17149	310.67348	104.41339	5.77506	0.1903790	0.22957418	2.6415207	21	7 26.3	20.4
374476 2005 YX_{34}	16.4	X	185.43225	223.15338	286.73757	11.94731	0.1621073	0.22745664	2.6578898	21	9 1.5	21.0
374477 2005 YJ_{39}	17.0	X	243.60404	278.56874	185.93844	4.94867	0.2461652	0.23278230	2.6171950	21	8 28.6	21.0
374478 2005 YB_{40}	16.0	X	237.79856	293.00030	114.23789	14.72387	0.0232591	0.22054324	2.7131484	21	7 4.9	19.8
374479 2005 YK_{46}	16.7	X	286.87906	277.02225	116.38611	12.49067	0.1961495	0.23152535	2.6266589	21	7 26.0	19.8
374480 2005 YO_{46}	16.3	X	282.98741	120.17266	275.44873	10.69481	0.0752618	0.22898027	2.6460863	21	8 7.9	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374481 2005 YG_{51}	16.3	X	292.24152	30.07837	293.80099	5.38280	0.0564811	0.21562329	2.7542642	21	5 20.0	20.0
374482 2005 YM_{55}	16.5	X	250.49480	300.64439	160.34126	30.53954	0.3557338	0.23285407	2.6166571	21	8 19.1	20.9
374483 2005 YV_{57}	17.0	X	266.56599	45.54707	298.27908	5.16883	0.0308425	0.21610214	2.7501941	21	5 16.1	20.7
374484 2005 YH_{59}	16.1	X	292.09644	147.70480	257.08126	13.27394	0.0766178	0.23410573	2.6073221	21	8 30.5	19.7
374485 2005 YO_{74}	18.2	X	307.37127	99.32626	284.53834	4.88275	0.3277415	0.23752167	2.5822635	21	7 21.9	20.8
374486 2005 YT_{79}	17.4	X	305.80428	70.69638	322.65487	1.72421	0.1767018	0.23459826	2.6036715	21	8 29.8	20.1
374487 2005 YG_{90}	16.6	X	205.71051	133.23524	277.37828	4.80061	0.0458159	0.21628500	2.7486437	21	5 27.5	20.4
374488 2005 YO_{90}	16.5	X	260.36062	246.10887	132.09084	6.50372	0.0402207	0.21988600	2.7185521	21	6 23.2	20.3
374489 2005 YJ_{93}	17.0	X	266.50349	249.40999	139.58807	8.06155	0.1823843	0.22629702	2.6669620	21	6 25.1	20.8
374490 2005 YH_{95}	17.1	X	271.45238	125.65063	240.64182	2.41673	0.1593166	0.22348764	2.6892657	21	6 3.9	21.0
374491 2005 YM_{95}	17.6	X	299.01755	210.58462	166.40812	2.27509	0.1173012	0.22931909	2.6434793	21	8 2.8	20.9
374492 2005 YN_{97}	16.5	X	20.56650	216.58554	75.89238	5.89001	0.0950506	0.22764929	2.6563900	21	8 27.2	19.6
374493 2005 YJ_{98}	17.5	X	328.37227	124.80144	235.30937	3.39147	0.1687446	0.23813995	2.5777920	21	8 24.4	19.9
374494 2005 YP_{104}	17.7	X	329.32022	249.29008	153.65119	0.43626	0.1478852	0.24062266	2.5600299	21	11 3.7	19.9
374495 2005 YY_{112}	17.3	X	200.87486	4.91175	108.35540	7.40842	0.1608890	0.22692327	2.6620530	21	8 7.8	21.5
374496 2005 YG_{114}	17.1	X	281.52961	18.37215	3.39549	2.53193	0.1213763	0.22650767	2.6653082	21	7 14.5	20.7
374497 2005 YZ_{114}	17.5	X	257.28747	332.77694	77.47531	3.68387	0.2170401	0.22846320	2.6500773	21	7 8.2	21.4
374498 2005 YF_{136}	16.9	X	342.17681	227.39009	60.32860	3.97069	0.0402254	0.21907505	2.7252568	21	6 14.6	20.4
374499 2005 YW_{153}	17.2	X	255.05606	342.02736	96.67445	8.03361	0.2886530	0.23160031	2.6260921	21	8 4.5	21.2
374500 2005 YH_{154}	17.0	X	298.50736	59.67773	328.19020	2.58918	0.2370153	0.23409852	2.6073756	21	7 29.7	19.8
374501 2005 YN_{154}	16.8	X	232.61921	75.51500	73.90926	4.55293	0.1619367	0.23576024	2.5951094	21	10 26.1	20.4
374502 2005 YS_{164}	17.3	X	290.61928	66.05807	355.77713	4.23957	0.2180433	0.23751153	2.5823370	21	9 7.5	20.1
374503 2005 YY_{170}	16.5	X	272.03680	137.32556	271.51174	13.97909	0.0878104	0.23456324	2.6039306	21	8 7.2	20.1
374504 2005 YU_{174}	16.6	X	229.10595	132.35421	323.54246	13.49067	0.2501824	0.22948368	2.6422152	21	8 5.9	20.8
374505 2005 YJ_{188}	17.0	X	261.86836	352.96626	94.55951	3.23333	0.1852193	0.23270625	2.6177652	21	9 7.0	20.5
374506 2005 YJ_{189}	16.8	X	186.09045	298.45100	107.75375	7.09611	0.0518793	0.21404696	2.7677701	21	5 2.1	20.9
374507 2005 YY_{195}	15.7	X	182.76726	197.85571	285.27095	20.96009	0.0495809	0.22305618	2.6927325	21	7 30.1	19.7
374508 2005 YD_{201}	17.2	X	197.35402	143.33095	283.20539	2.20879	0.1748367	0.21938341	2.7227026	21	6 4.8	21.8
374509 2005 YP_{204}	16.9	X	231.47675	98.69765	293.86015	4.98384	0.0378869	0.21698548	2.7427250	21	6 5.0	20.7
374510 2005 YF_{205}	16.9	X	270.76059	342.78761	84.91574	2.24904	0.1144858	0.23212749	2.6221146	21	9 2.7	20.4
374511 2005 YG_{205}	16.8	X	251.21896	303.53647	98.26294	7.04444	0.0717202	0.22386584	2.6862360	21	7 8.5	20.4
374512 2005 YU_{217}	16.5	X	250.71532	118.79245	279.68889	9.80915	0.0926463	0.22672347	2.6636167	21	6 30.6	20.2
374513 2005 YX_{236}	17.1	X	101.18304	5.81053	164.42588	1.97294	0.1318309	0.21628630	2.7486327	21	7 8.3	20.9
374514 2005 YH_{237}	16.0	X	317.97346	42.64876	282.58634	12.93754	0.1202041	0.22207631	2.7006474	21	6 21.0	19.2
374515 2005 YM_{245}	16.5	X	303.21317	346.59458	342.64940	5.98308	0.0821986	0.21936453	2.7228587	21	6 8.1	20.0
374516 2005 YH_{251}	16.6	X	247.79490	121.20342	269.50023	5.53600	0.0456852	0.21971522	2.7199607	21	6 22.7	20.4
374517 2005 YC_{265}	16.7	X	294.99021	281.02001	83.77085	3.26860	0.1034942	0.22524379	2.6752693	21	7 13.1	20.1
374518 2005 YG_{268}	16.6	X	277.13476	249.64168	122.92599	13.73903	0.2039265	0.22456055	2.6806929	21	6 14.5	20.6
374519 2005 YO_{269}	16.7	X	157.78515	351.65846	140.10642	9.48948	0.2005179	0.21682501	2.7440780	21	7 21.4	21.4
374520 2005 YC_{292}	17.1	X	288.80141	114.85380	239.41956	1.79910	0.0878598	0.22229854	2.6988473	21	6 21.6	20.6
374521 2006 AE_{10}	16.3	X	288.15239	96.83673	295.00776	10.62759	0.1320756	0.22994080	2.6387122	21	8 3.4	19.7
374522 2006 AV_{13}	16.5	X	187.96910	119.27641	306.29616	2.95861	0.0593934	0.21464442	2.7626316	21	5 25.8	20.7
374523 2006 AN_{14}	16.9	X	260.37613	121.06368	299.58910	6.19890	0.2057551	0.22898270	2.6460676	21	7 26.5	20.5
374524 2006 AM_{15}	16.6	X	162.30933	5.22261	125.07503	10.16734	0.0903491	0.22057107	2.7129202	21	7 21.1	20.7
374525 2006 AM_{32}	16.3	X	277.05546	53.07503	38.65378	11.64005	0.1711520	0.23589911	2.5940908	21	10 8.6	19.4
374526 2006 AY_{41}	17.2	X	244.89043	241.82140	176.06677	2.49879	0.0567947	0.22392011	2.6858019	21	7 23.5	21.0
374527 2006 AJ_{47}	16.6	X	301.10262	243.38863	96.81675	14.31212	0.1783330	0.22346585	2.6894405	21	6 6.9	20.0
374528 2006 AO_{53}	16.6	X	272.31496	83.69568	278.48910	5.05658	0.0282076	0.21879110	2.7276142	21	6 19.2	20.2
374529 2006 AZ_{53}	16.8	X	265.10722	85.15075	274.07126	4.94637	0.0256320	0.21671209	2.7450312	21	6 5.8	20.4
374530 2006 AV_{57}	16.2	X	213.09266	150.79662	293.58763	12.89576	0.0515736	0.22249647	2.6972465	21	7 19.9	20.0
374531 2006 AS_{65}	16.5	X	296.90770	22.19821	320.82027	5.26195	0.0713473	0.21936954	2.7228173	21	6 20.5	20.1
374532 2006 AF_{73}	17.1	X	243.04999	292.03287	181.31552	5.26658	0.1508722	0.23335122	2.6129394	21	9 21.2	20.8
374533 2006 AB_{75}	16.4	X	292.68469	219.97540	121.94896	16.25680	0.2177503	0.22280877	2.6947255	21	5 25.5	20.4
374534 2006 AR_{84}	16.6	X	250.29382	91.72546	357.64428	7.15399	0.1721408	0.22975284	2.6401512	21	8 28.1	20.3
374535 2006 AL_{104}	16.8	X	210.49154	268.89636	139.41828	5.97810	0.0488205	0.21321431	2.7749713	21	5 31.9	20.8
374536 2006 AW_{104}	16.3	X	266.65097	25.15585	330.57639	8.24432	0.1408591	0.21346616	2.7727882	21	5 15.6	20.6
374537 2006 BM_{9}	16.9	X	249.82285	278.32052	137.18003	7.01553	0.1555796	0.22729405	2.6591572	21	7 13.7	20.9
374538 2006 BG_{39}	17.0	X	316.26791	308.21651	53.88638	2.68879	0.1184021	0.22889265	2.6467615	21	8 11.8	20.0
374539 2006 BS_{56}	16.6	X	240.30815	255.51819	137.66904	5.99995	0.0775534	0.21853206	2.7297692	21	6 13.4	20.6
374540 2006 BZ_{61}	17.3	X	262.11241	1.32329	81.89634	2.48139	0.2291080	0.23196651	2.6233276	21	8 25.7	20.8
374541 2006 BV_{66}	16.6	X	176.98701	295.32818	114.97114	5.77819	0.0529109	0.20972118	2.8056997	21	4 26.9	20.7
374542 2006 BS_{69}	16.8	X	334.07308	280.55210	18.66787	4.65778	0.0540580	0.21561336	2.7543488	21	6 17.3	20.2
374543 2006 BR_{81}	16.9	X	208.49898	29.26840	50.29307	4.00558	0.1454615	0.21809059	2.7334518	21	7 3.1	21.3
374544 2006 BE_{82}	16.3	X	265.11517	13.15062	68.22482	3.30921	0.1173961	0.22794391	2.6541006	21	9 13.3	19.7
374545 2006 BA_{83}	16.8	X	187.37758	310.27513	150.77876	4.63344	0.1053802	0.22091549	2.7100997	21	7 9.9	21.0
374546 2006 BL_{90}	16.6	X	217.32460	272.60159	135.93137	6.82323	0.0727489	0.21418385	2.7665906	21	6 7.5	20.7
374547 2006 BZ_{93}	16.8	X	266.47409	55.36732	324.22242	5.67515	0.0872023	0.21701663	2.7424625	21	6 26.4	20.5
374548 2006 BQ_{96}	16.6	X	167.33908	300.87143	168.28247	3.61890	0.0488080	0.21369334	2.7708226	21	6 27.9	20.6
374549 2006 BF_{109}	16.8	X	274.19525	60.39275	332.77449	5.77505	0.0442559	0.22287306	2.6942072	21	8 1.6	20.4
374550 2006 BT_{110}	17.0	X	206.16914	65.83469	0.79752	3.65985	0.0488407	0.21670595	2.7450831	21	6 18.4	20.9
374551 2006 BO_{121}	16.4	X	263.71549	50.05232	324.67344	5.58154	0.0261844	0.21736431	2.7395373	21	6 25.2	20.1
374552 2006 BO_{126}	16.7	X	280.89025	168.87293	162.62853	2.49622	0.0685171	0.20919832	2.8103727	21	5 15.5	20.6
374553 2006 BG_{127}	16.7	X	264.79990	31.78069	320.54620	4.78736	0.0245157	0.21060383	2.7978550	21	5 26.7	20.5
374554 2006 BZ_{127}	17.3	X	264.44309	251.79764	174.42968	3.74506	0.1828481	0.22725305	2.6594770	21	8 10.3	21.0
374555 2006 BE_{130}	16.1	X	228.09423	30.42190	330.41781	14.62407	0.1566335	0.20623589	2.8372214	21	4 7.1	20.9
374556 2006 BF_{136}	16.5	X	337.94830	270.78420	36.89571	3.81330	0.0505889	0.22239223	2.6980892	21	7 6.0	19.8
374557 2006 BU_{146}	17.4	X	277.45269	17.61304	33.04678	2.54510	0.2075607	0.23016930	2.6369655	21	8 4.4	20.7
374558 2006 BK_{151}	16.6	X	237.11739	254.14604	123.46823	7.02367	0.0722365	0.21364244	2.7712627	21	5 22.3	20.7
374559 2006 BN_{183}	17.8	X	213.74209	98.84465	357.91877	3.49109	0.2142612	0.22505583	2.6767586	21	7 26.6	22.2
374560 2006 BH_{189}	17.1	X	156.83495	115.97207	356.40305	8.74851	0.1000925	0.21328467	2.7743609	21	6 22.7	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374561 2006 BJ_{192}	17.2	X	245.30134	271.40783	153.51954	5.45621	0.2573011	0.22669545	2.6638362	21	7 10.0	21.5
374562 2006 BH_{214}	17.0	X	268.10828	180.34577	256.33021	3.67521	0.2560909	0.23159218	2.6261536	21	8 17.5	20.6
374563 2006 BM_{222}	17.0	X	205.03718	257.40149	150.84195	4.85450	0.0760901	0.21327124	2.7744774	21	5 24.4	21.2
374564 2006 BD_{226}	13.8	X	264.38661	57.82512	311.47311	4.06471	0.0356607	0.08548897	5.1034359	21	6 19.8	20.6
374565 2006 BN_{226}	16.9	X	158.70801	119.05152	322.51368	3.41135	0.0833223	0.20909727	2.8112781	21	5 14.1	21.2
374566 2006 BG_{230}	16.7	X	244.85119	22.20222	343.54483	6.14685	0.0742587	0.21396416	2.7684841	21	5 11.6	20.8
374567 2006 BY_{231}	16.8	X	285.12479	17.80727	355.68735	5.06255	0.0489484	0.22167094	2.7039389	21	7 20.4	20.4
374568 2006 BU_{239}	16.8	X	34.19543	110.88873	98.14400	3.19011	0.0136168	0.20992521	2.8038815	21	5 14.6	20.6
374569 2006 BH_{250}	16.3	X	290.00997	350.19589	330.56860	3.67723	0.0632911	0.20980494	2.8049529	21	5 11.9	20.1
374570 2006 BN_{254}	17.8	X	219.74459	269.93274	179.35679	1.88960	0.1715218	0.22356233	2.6886666	21	7 24.2	22.2
374571 2006 BC_{277}	16.3	X	266.38249	7.18486	335.29904	8.64558	0.1494086	0.21263833	2.7799801	21	4 26.2	20.5
374572 2006 BD_{278}	16.7	X	53.18153	266.58250	310.02262	3.35646	0.0093063	0.21242376	2.7818518	21	6 18.4	20.4
374573 2006 BR_{280}	17.0	X	202.59572	251.03820	155.56907	9.20914	0.2844683	0.21492252	2.7602480	21	5 16.6	22.1
374574 2006 BT_{280}	17.4	X	208.54145	60.61820	345.39515	4.19827	0.0986796	0.21576501	2.7530580	21	5 22.0	21.6
374575 2006 CE_{10}	17.6	X	246.75527	85.36296	5.06293	18.50946	0.1165802	0.35625996	1.9707190	21	9 15.4	19.5
374576 2006 CD_{25}	16.2	X	227.88000	317.32376	128.04739	15.25899	0.0463085	0.22403628	2.6848734	21	8 10.3	19.9
374577 2006 CM_{26}	16.7	X	240.87306	180.43288	305.41929	4.99757	0.0874402	0.23939679	2.5687618	21	10 11.9	20.3
374578 2006 CF_{40}	17.1	X	147.47972	117.55933	0.94900	7.57839	0.1790198	0.21325959	2.7745784	21	6 25.7	21.7
374579 2006 CM_{41}	17.1	X	237.93714	264.82235	182.13859	6.29552	0.1271117	0.22355103	2.6887573	21	8 12.7	21.2
374580 2006 CJ_{52}	13.6	X	5.55823	105.74112	140.37508	17.05000	0.0403956	0.08379264	5.1720826	21	6 2.9	20.5
374581 2006 CP_{61}	15.5	X	341.10059	330.58682	295.48826	9.03745	0.0721787	0.21012659	2.8020897	21	5 9.3	19.1
374582 2006 DK_{11}	16.0	X	192.28930	124.86627	350.98014	14.33406	0.1524459	0.21995250	2.7180042	21	8 6.7	20.5
374583 2006 DH_{23}	16.9	X	52.04158	211.99987	357.38111	4.09240	0.0119585	0.20998729	2.8033288	21	6 6.9	20.6
374584 2006 DQ_{23}	16.7	X	185.46826	79.35398	7.82660	4.45635	0.0845538	0.21386466	2.7693427	21	6 20.6	20.9
374585 2006 DY_{27}	16.3	X	92.23324	134.39218	353.13727	17.17839	0.1045651	0.20282394	2.8689517	21	4 20.9	20.5
374586 2006 DK_{47}	18.1	X	236.48251	126.71870	328.69282	2.82370	0.3102426	0.22825510	2.6516878	21	8 5.6	22.4
374587 2006 DW_{50}	17.0	X	246.61468	183.81410	245.66096	2.02341	0.1014351	0.22637676	2.6663357	21	8 4.1	20.6
374588 2006 DY_{54}	16.4	X	191.31278	38.16885	357.86647	8.88957	0.0695488	0.20355893	2.8620416	21	4 20.4	20.7
374589 2006 DM_{57}	16.8	X	229.18468	97.93163	339.32356	4.96745	0.1484255	0.21949667	2.7217658	21	7 21.6	21.0
374590 2006 DX_{76}	16.5	X	236.53622	219.99526	127.19241	3.00199	0.0766139	0.20322270	2.8651976	21	4 12.7	20.7
374591 2006 DE_{77}	17.0	X	273.12664	268.36354	153.76244	11.82634	0.2919595	0.22886570	2.6469694	21	7 30.4	20.8
374592 2006 DD_{80}	16.2	X	250.03365	287.75717	341.96223	11.94390	0.1222587	0.18838543	3.0137311	21	1 23.8	21.0
374593 2006 DS_{84}	17.0	X	282.35455	58.51800	176.91907	10.36008	0.1110667	0.18845402	3.0129999	21	1 12.9	21.7
374594 2006 DZ_{86}	16.6	X	149.14780	276.71157	133.94313	2.83906	0.0507351	0.19818528	2.9135454	21	3 25.7	20.8
374595 2006 DO_{90}	15.7	X	149.19508	332.99842	4.00747	15.90598	0.2634350	0.17998816	3.1067532	21	1 23.3	21.1
374596 2006 DY_{94}	16.3	X	229.97758	100.25672	177.46886	11.49351	0.0773662	0.18415540	3.0597063	21	1 12.3	21.2
374597 2006 DL_{95}	16.4	X	158.37772	109.79043	8.76976	3.18502	0.0473836	0.20988939	2.8042004	21	6 29.9	20.4
374598 2006 DN_{105}	15.8	X	285.62698	210.21864	350.19842	16.57079	0.2043846	0.18286700	3.0740611	21	—	—
374599 2006 DR_{106}	17.0	X	303.70459	266.16668	27.98998	2.27373	0.0310240	0.20384082	2.8594024	21	5 1.6	20.8
374600 2006 DM_{110}	16.7	X	121.04815	325.69313	181.13591	7.81305	0.1616419	0.20999298	2.8032782	21	7 3.2	21.2
374601 2006 DH_{115}	16.9	X	295.77581	113.79239	144.52932	2.62591	0.0544378	0.19457124	2.9495128	21	3 5.2	21.0
374602 2006 DW_{124}	16.0	X	210.28434	216.82887	32.88395	6.38852	0.4522955	0.16955299	3.2329507	21	12 28.7	22.1
374603 2006 DN_{126}	16.6	X	278.09258	69.99774	283.49549	3.21968	0.0845130	0.21408795	2.7674168	21	6 6.5	20.2
374604 2006 DP_{131}	15.8	X	354.14112	114.40990	116.39745	7.37393	0.0127492	0.20308264	2.8665148	21	4 22.4	19.8
374605 2006 DK_{133}	13.7	X	321.77089	314.65185	358.40066	18.44344	0.0366686	0.08324968	5.1945470	21	6 22.9	20.7
374606 2006 DS_{136}	16.5	X	182.58747	71.91881	6.47412	9.13228	0.1334573	0.21272286	2.7792435	21	6 4.9	21.1
374607 2006 DS_{144}	16.1	X	209.19190	56.99628	351.00798	11.92403	0.0630028	0.21029954	2.8005533	21	5 24.9	20.5
374608 2006 DT_{149}	16.5	X	220.83024	32.22766	344.42100	10.22863	0.1275948	0.20513897	2.8473265	21	4 23.9	21.2
374609 2006 DH_{150}	16.6	X	146.83374	101.19809	320.42858	4.66417	0.0506413	0.20005516	2.8953620	21	4 2.2	20.8
374610 2006 DD_{164}	16.6	X	188.58509	112.65120	307.35180	2.90883	0.0926798	0.20931310	2.8093452	21	5 19.5	20.9
374611 2006 DB_{169}	16.4	X	301.50667	205.32249	24.62769	6.33665	0.1956060	0.18903643	3.0068081	21	1 19.7	20.8
374612 2006 DU_{212}	16.7	X	319.65144	297.17422	21.25066	3.60586	0.0898506	0.21482589	2.7610756	21	6 17.8	20.0
374613 2006 DQ_{216}	13.3	X	163.82939	112.00146	348.38210	33.84001	0.0753853	0.08291601	5.2084733	21	6 16.2	20.9
374614 2006 EN_{22}	17.1	X	291.16968	256.13812	69.59465	1.55523	0.0676470	0.20958516	2.8069135	21	5 20.9	20.8
374615 2006 ED_{23}	16.6	X	307.97344	208.31916	38.68288	2.33807	0.0579909	0.19752900	2.9199952	21	3 6.0	20.7
374616 2006 EB_{32}	16.0	X	174.01906	84.74064	10.98146	13.99076	0.0758345	0.21161766	2.7889118	21	6 18.0	20.4
374617 2006 EK_{35}	16.8	X	284.36261	265.15167	41.34324	2.52045	0.0748334	0.20126932	2.8837061	21	4 16.7	20.6
374618 2006 EG_{45}	17.0	X	194.62909	317.77322	354.47166	26.68697	0.2204821	0.31491888	2.1396213	21	1 12.3	21.0
374619 2006 EG_{53}	16.1	X	247.18561	100.20241	28.46871	29.11362	0.3299217	0.23279225	2.6171204	21	10 3.6	20.4
374620 2006 EO_{56}	16.1	X	197.77830	279.20367	180.13151	11.83127	0.1394246	0.21827594	2.7319042	21	7 15.9	20.6
374621 2006 FB_{4}	16.1	X	247.21809	232.79042	18.73817	11.05184	0.0299477	0.18259577	3.0771045	21	1 5.5	20.8
374622 2006 FK_{6}	16.0	X	144.14358	115.87747	55.14261	9.83445	0.1772018	0.21653679	2.7465125	21	8 31.9	20.6
374623 2006 FR_{10}	16.9	X	294.19844	135.30767	97.11484	1.14853	0.0972246	0.18904462	3.0067212	21	1 25.6	21.3
374624 2006 FG_{16}	16.0	X	240.28249	284.51930	7.38554	12.96376	0.1736139	0.18712224	3.0272790	21	2 8.7	21.1
374625 2006 FS_{21}	15.6	X	220.69178	260.92787	4.96517	16.21717	0.0960439	0.18104988	3.0945955	21	—	—
374626 2006 GL_{12}	16.2	X	221.82153	292.40494	36.43186	12.56262	0.1243469	0.18990029	2.9976825	21	3 9.8	21.1
374627 2006 GF_{45}	16.7	X	339.62808	265.01712	337.64328	1.21549	0.0450026	0.19934438	2.9022404	21	4 11.9	20.5
374628 2006 HU_{3}	16.2	X	277.15372	100.86798	132.48168	4.23717	0.1547785	0.18175977	3.0865327	21	1 3.1	21.0
374629 2006 HV_{15}	15.6	X	221.03003	242.95572	39.77701	27.09889	0.1610336	0.17883691	3.1200720	21	1 12.6	21.2
374630 2006 HH_{26}	15.9	X	197.70796	112.49589	209.69270	8.78832	0.1132989	0.17981136	3.1087894	21	1 31.8	21.0
374631 2006 HB_{35}	16.1	X	181.01486	262.06768	62.46591	1.76231	0.1532301	0.17645664	3.1480675	21	1 24.4	21.2
374632 2006 HB_{42}	15.8	X	147.30157	213.02178	155.47317	11.26064	0.0604092	0.18047161	3.1012025	21	2 2.1	20.4
374633 2006 HW_{44}	16.4	X	309.22680	26.46133	183.41796	4.82221	0.1506743	0.18659778	3.0329487	21	1 8.5	20.7
374634 2006 HB_{51}	16.6	X	231.09973	63.82521	190.14153	2.33290	0.1411671	0.17818644	3.1276605	21	—	—
374635 2006 HY_{62}	16.2	X	183.23240	257.67542	59.95388	6.03710	0.1332613	0.17690140	3.1427888	21	1 18.1	21.2
374636 2006 HE_{63}	18.5	X	228.19946	103.26513	159.98304	1.97736	0.1858842	0.30596440	2.1811663	21	—	—
374637 2006 HV_{65}	16.4	X	197.88369	302.26100	57.36609	6.14472	0.0588075	0.18893152	3.0079211	21	3 20.8	20.9
374638 2006 HU_{68}	16.2	X	350.47764	357.54755	201.55679	5.84606	0.1031684	0.18835781	3.0140258	21	2 24.9	20.2
374639 2006 HO_{72}	16.0	X	166.94547	181.76823	150.59937	6.02306	0.1433894	0.17512609	3.1639928	21	1 19.5	21.0
374640 2006 HS_{82}	15.7	X	257.96137	235.86652	51.03397	11.23158	0.0575064	0.18563118	3.0434682	21	3 1.9	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374641 2006 HZ_{85}	15.8	X	186.92307	293.76454	61.08700	10.43185	0.0753747	0.18779899	3.0200019	21	3 6.5	20.5
374642 2006 HX_{93}	15.7	X	320.34411	36.83873	124.56778	11.56409	0.1019032	0.17688101	3.1430303	21	—	—
374643 2006 HP_{107}	15.5	X	213.37622	245.62016	67.25523	12.62259	0.0909379	0.18268575	3.0760940	21	2 11.4	20.4
374644 2006 HC_{121}	16.0	X	222.23554	90.24599	217.74501	13.08634	0.1194541	0.18080347	3.0974065	21	2 5.1	21.1
374645 2006 HL_{136}	16.9	X	5.43692	121.36479	77.73500	3.37581	0.0091343	0.19341943	2.9612107	21	3 27.1	20.9
374646 2006 HR_{153}	15.9	X	152.05395	197.56863	155.02761	12.84559	0.1255585	0.17649021	3.1476683	21	1 26.5	20.8
374647 2006 JU_{11}	15.4	X	196.41082	233.79813	84.16636	11.85372	0.0712419	0.17930185	3.1146760	21	1 29.5	20.2
374648 2006 JA_{22}	16.0	X	232.86398	157.53626	121.89102	7.94314	0.0992609	0.17889354	3.1194135	21	1 18.5	20.7
374649 2006 JS_{26}	15.5	X	205.02073	303.00158	318.79577	4.58498	0.1649023	0.17130537	3.2108651	21	—	—
374650 2006 JO_{29}	16.3	X	320.65386	82.85755	117.70136	2.66984	0.1129154	0.18417577	3.0594808	21	1 17.7	20.3
374651 2006 JC_{34}	16.6	X	214.74877	84.16061	197.66069	1.85532	0.1789095	0.17490978	3.1666008	21	1 4.2	22.0
374652 2006 JZ_{48}	15.5	X	257.01020	52.46142	193.91503	28.19937	0.1163083	0.17927803	3.1149518	21	—	—
374653 2006 JR_{62}	16.7	X	329.29041	291.78012	2.01835	5.47590	0.0158388	0.21038244	2.7998175	21	6 5.9	20.4
374654 2006 JD_{72}	16.9	X	155.25540	293.05832	34.00559	1.83697	0.2161348	0.17349668	3.1837718	21	1 9.7	22.0
374655 2006 JZ_{80}	18.1	X	223.37759	221.46704	85.10813	5.64248	0.1385242	0.31058042	2.1595006	21	1 21.4	21.2
374656 2006 KH_{9}	15.7	X	233.97275	215.33520	60.85115	10.26484	0.0565237	0.17850274	3.1239647	21	1 19.5	20.5
374657 2006 KR_{17}	16.0	X	260.43836	137.42589	136.65461	10.13040	0.0452616	0.18594865	3.0400032	21	2 13.2	20.4
374658 2006 KM_{18}	16.6	X	152.62200	99.71387	173.65477	11.47876	0.3077829	0.16219599	3.3299878	21	12 25.6	22.8
374659 2006 KW_{21}	16.4	X	170.16759	166.07680	236.16535	7.40845	0.1078576	0.19016716	2.9948773	21	4 9.2	21.1
374660 2006 KT_{36}	15.8	X	156.69492	222.17287	115.16951	12.30231	0.0198425	0.17899975	3.1181794	21	1 3.7	20.3
374661 2006 KK_{37}	16.1	X	169.17249	153.84816	173.74618	17.55491	0.2109624	0.17438400	3.1729626	21	1 18.9	21.6
374662 2006 KN_{51}	18.4	X	202.42107	92.09917	196.96095	4.21914	0.1849746	0.30368675	2.1920585	21	—	—
374663 2006 KX_{51}	15.5	X	170.91110	125.22751	216.09429	10.63938	0.1022631	0.17762758	3.1342174	21	1 27.8	20.5
374664 2006 KP_{58}	16.5	X	69.62511	283.33767	202.65099	8.21670	0.0767607	0.18926506	3.0043861	21	3 22.7	20.5
374665 2006 KN_{60}	15.9	X	135.25566	167.22246	190.15812	9.10673	0.0725390	0.17397472	3.1779370	21	1 8.9	20.6
374666 2006 KH_{66}	16.6	X	210.51962	181.26534	163.73093	3.62438	0.1357344	0.18774836	3.0205448	21	3 12.8	21.4
374667 2006 KX_{71}	15.9	X	152.27411	195.79351	209.42951	14.05924	0.0797665	0.18652614	3.0337253	21	3 23.2	20.6
374668 2006 KV_{88}	15.8	X	111.04696	265.65242	149.58446	12.00874	0.1618069	0.18559498	3.0438639	21	3 3.1	20.1
374669 2006 KD_{112}	15.9	X	221.80815	238.03495	50.52670	10.17229	0.0484365	0.17852106	3.1237511	21	1 21.9	20.7
374670 2006 KF_{112}	15.6	X	162.59458	81.21808	249.12235	12.29365	0.1433628	0.17310686	3.1885497	21	1 11.8	20.7
374671 2006 KC_{114}	15.3	X	197.02057	177.42624	97.32612	16.76618	0.2368255	0.17394897	3.1782506	21	—	—
374672 2006 KO_{118}	15.5	X	180.58683	290.10588	51.45616	12.37047	0.0760430	0.18088398	3.0964874	21	2 13.0	20.4
374673 2006 MV_{11}	15.8	X	290.25160	163.35293	94.95867	11.01110	0.0598804	0.18688452	3.0298456	21	3 2.9	20.2
374674 2006 PA_{15}	17.6	X	156.12292	336.21255	337.80712	7.19376	0.1191759	0.29216339	2.2493249	21	—	—
374675 2006 PB_{17}	17.8	X	106.18821	356.66602	331.52477	1.51227	0.2423052	0.28350802	2.2948756	21	—	—
374676 2006 QD	17.9	X	119.05029	332.05271	355.52251	4.25991	0.2568855	0.28598888	2.2815848	21	—	—
374677 2006 QE_{18}	17.7	X	150.78284	259.95246	78.15546	4.91658	0.2078355	0.29368100	2.2415692	21	—	—
374678 2006 QC_{27}	17.9	X	119.42163	147.14165	167.86755	2.49977	0.2365127	0.28450133	2.2895309	21	—	—
374679 2006 QF_{43}	17.4	X	95.19815	247.01166	147.09393	6.22319	0.1603504	0.29012108	2.2598686	21	—	—
374680 2006 QL_{44}	17.7	X	196.36338	86.23508	211.12383	3.32101	0.1862919	0.29735327	2.2230756	21	—	—
374681 2006 QC_{50}	18.0	X	97.29401	234.01568	136.28603	4.36980	0.2040380	0.28718788	2.2752301	21	—	—
374682 2006 QR_{50}	17.6	X	105.56354	172.64703	143.66055	3.52146	0.2271206	0.28158592	2.3053069	21	—	—
374683 2006 QM_{57}	17.6	X	115.82018	164.73023	219.82009	1.85689	0.2051264	0.28998684	2.2605660	21	1 13.6	20.0
374684 2006 QD_{64}	17.6	X	158.75640	142.80267	168.33052	8.64291	0.2676514	0.29149797	2.2527467	21	—	—
374685 2006 QK_{70}	17.9	X	244.30772	258.89767	345.80031	3.64324	0.1396735	0.29580570	2.2308225	21	—	—
374686 2006 QY_{111}	17.7	X	117.20609	138.45080	214.88665	4.20429	0.1607509	0.28925158	2.2643952	21	—	—
374687 2006 QN_{116}	18.1	X	92.16565	81.19483	291.49437	4.19803	0.2067467	0.28584523	2.2823492	21	—	—
374688 2006 QP_{121}	17.2	X	112.78947	232.01308	103.15197	4.80729	0.1902700	0.28569677	2.2831398	21	—	—
374689 2006 QX_{121}	17.8	X	141.30905	133.76136	185.70266	9.02386	0.2147873	0.28893735	2.2660366	21	—	—
374690 2006 QM_{138}	17.7	X	82.46492	323.00741	37.83433	5.00680	0.1527369	0.28370821	2.2937959	21	—	—
374691 2006 QM_{184}	17.3	X	137.49168	152.08279	138.75085	5.81425	0.1240883	0.28205256	2.3027636	21	—	—
374692 2006 QK_{185}	17.6	X	40.74216	269.73307	171.87136	5.79520	0.2082617	0.28539536	2.2847470	21	—	—
374693 2006 RB_{4}	16.9	X	53.69597	83.93150	352.48485	8.45382	0.1314726	0.28885250	2.2664804	21	—	—
374694 2006 RL_{5}	17.0	X	236.69364	62.76513	225.99195	8.67509	0.0968304	0.30042744	2.2078843	21	1 11.0	20.2
374695 2006 RK_{17}	17.6	X	65.71609	18.84246	349.73468	4.84679	0.1746797	0.27998714	2.3140745	21	—	—
374696 2006 RZ_{20}	17.8	X	295.01984	223.62720	351.38263	7.23969	0.0222794	0.29436811	2.2380797	21	—	—
374697 2006 RP_{37}	17.5	X	90.53415	229.68140	101.74636	3.45093	0.2223106	0.27974512	2.3154089	21	—	—
374698 2006 RT_{47}	17.5	X	148.24740	294.32056	15.59732	6.24494	0.1624483	0.28616207	2.2806642	21	—	—
374699 2006 RL_{48}	17.6	X	100.73762	322.46191	41.16874	5.71546	0.2340331	0.28465784	2.2886916	21	—	—
374700 2006 RM_{49}	18.0	X	55.95534	18.05931	353.61184	1.49353	0.2160879	0.27710101	2.3301148	21	—	—
374701 2006 RR_{59}	17.3	X	324.62648	138.65995	11.16715	3.71084	0.0727972	0.28435828	2.2902987	21	—	—
374702 2006 RJ_{62}	17.9	X	96.41378	308.65957	44.79373	3.26709	0.2559998	0.28395293	2.2924778	21	—	—
374703 2006 RD_{66}	17.2	X	109.20260	228.20436	109.01701	6.30069	0.1547415	0.28400649	2.2921896	21	—	—
374704 2006 RF_{68}	17.6	X	71.22668	242.07685	175.18574	2.71852	0.1311926	0.28898687	2.2657778	21	—	—
374705 2006 RZ_{84}	17.7	X	162.27196	55.61440	202.57700	2.44913	0.1875357	0.28029856	2.3123601	21	—	—
374706 2006 RK_{92}	17.8	X	31.23614	261.64787	173.85329	0.07674	0.2267250	0.28064840	2.3104381	21	—	—
374707 2006 RQ_{92}	18.1	X	161.81408	94.38016	194.64918	6.88545	0.1618308	0.28518950	2.2858463	21	—	—
374708 2006 RU_{100}	16.9	X	76.12717	328.47897	51.39926	7.84425	0.1193260	0.28472549	2.2883291	21	—	—
374709 2006 RA_{102}	17.6	X	102.94096	305.37392	45.39582	7.95453	0.1453506	0.28276344	2.2989025	21	—	—
374710 `O`o	18.2	X	273.69261	154.74726	5.43092	1.28782	0.1251331	0.27701421	2.3306015	21	—	—
374711 2006 SQ_{11}	17.6	X	131.44852	316.07516	32.10186	3.64081	0.2205524	0.28870325	2.2672614	21	—	—
374712 2006 SR_{13}	17.7	X	99.38649	61.98740	258.99322	1.40481	0.2298401	0.28016008	2.3131221	21	—	—
374713 2006 SR_{15}	17.6	X	88.38830	16.63073	346.25353	6.89842	0.1291549	0.28263999	2.2995718	21	—	—
374714 2006 SJ_{17}	17.7	X	152.45558	306.70514	338.82243	5.28513	0.1558829	0.28201020	2.3029942	21	—	—
374715 2006 SH_{20}	17.6	X	70.33226	14.48077	33.08897	5.95980	0.1239861	0.28624255	2.2802366	21	—	—
374716 2006 SB_{23}	17.2	X	129.95692	198.50189	114.69082	9.35878	0.1693764	0.28409253	2.2917268	21	—	—
374717 2006 SU_{24}	17.5	X	17.47281	182.45723	217.87521	6.05750	0.1163385	0.27479357	2.3431406	21	—	—
374718 2006 SS_{25}	17.5	X	76.80799	6.28190	4.25142	4.61230	0.1709772	0.28275345	2.2989566	21	—	—
374719 2006 SB_{26}	17.5	X	59.57405	60.13147	327.22152	11.73760	0.1373215	0.28116932	2.3075835	21	—	—
374720 2006 SL_{26}	17.6	X	87.51665	22.60842	299.92797	5.77483	0.1501299	0.27730554	2.3289689	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374721 2006 SQ_{27}	17.7	X	104.17217	4.02369	356.46732	4.43511	0.1657926	0.28534996	2.2849893	21	—	—
374722 2006 SY_{35}	17.5	X	167.49453	207.62406	106.22524	5.34508	0.1961897	0.29183078	2.2510336	21	—	—
374723 2006 SJ_{43}	18.1	X	119.59353	101.11460	196.28284	5.20702	0.1738718	0.28031971	2.3122438	21	—	—
374724 2006 SX_{49}	18.1	X	92.99254	4.98202	24.25677	0.49766	0.2241201	0.28644039	2.2791866	21	—	—
374725 2006 SV_{52}	17.4	X	21.43281	41.89884	330.25571	6.74075	0.1317180	0.27204460	2.3588988	21	12 28.8	20.2
374726 2006 SU_{61}	17.7	X	94.97368	159.24404	166.47548	6.82642	0.1360342	0.27757473	2.3274629	21	—	—
374727 2006 SO_{65}	18.3	X	90.17642	316.58557	40.88715	1.54600	0.2214022	0.28283674	2.2985053	21	—	—
374728 2006 SN_{69}	18.1	X	67.84615	221.40530	168.02471	2.77925	0.1704646	0.28267897	2.2993604	21	—	—
374729 2006 SC_{71}	17.9	X	64.84736	251.94402	155.46858	2.13339	0.2057769	0.28253924	2.3001184	21	—	—
374730 2006 SO_{73}	17.7	X	48.10910	13.09687	39.20743	6.82534	0.1031758	0.28058298	2.3107972	21	—	—
374731 2006 SG_{80}	17.7	X	94.76791	179.83180	199.50983	8.36280	0.1464928	0.28628261	2.2800239	21	—	—
374732 2006 SW_{87}	17.9	X	104.50309	174.13077	186.68819	4.01469	0.1688743	0.28431010	2.2905575	21	—	—
374733 2006 SD_{88}	17.9	X	315.10858	4.27277	93.56446	1.84828	0.1767268	0.27020377	2.3696004	21	—	—
374734 2006 SF_{90}	19.1	X	58.48761	91.53037	279.15975	0.38949	0.2085274	0.27697711	2.3308096	21	—	—
374735 2006 SM_{96}	17.1	X	319.99761	313.33996	194.15087	6.24337	0.0623018	0.28161249	2.3051619	21	—	—
374736 2006 SW_{102}	17.3	X	321.76761	152.39482	7.53582	6.48437	0.1010718	0.28657848	2.2784544	21	—	—
374737 2006 SC_{106}	18.3	X	356.85421	261.34341	184.23913	6.47701	0.1922594	0.27616060	2.3354016	21	—	—
374738 2006 SQ_{111}	17.9	X	122.69133	113.08733	203.66746	6.22663	0.1336452	0.28353769	2.2947155	21	—	—
374739 2006 SX_{116}	18.2	X	29.99246	352.36290	26.96246	2.17091	0.1474656	0.27248227	2.3563721	21	—	—
374740 2006 SN_{129}	17.7	X	85.88852	0.09831	3.76039	7.93814	0.1776895	0.28208056	2.3026112	21	—	—
374741 2006 SH_{130}	18.0	X	88.37717	102.59767	254.01064	3.33192	0.1708813	0.28273580	2.2990523	21	—	—
374742 2006 ST_{145}	17.4	X	251.70222	302.72233	2.53004	0.98673	0.0844688	0.23598248	2.5934798	21	3 2.3	21.1
374743 2006 SJ_{149}	17.9	X	123.42949	57.68994	219.94608	3.47444	0.0712810	0.27300024	2.3533907	21	12 20.4	21.2
374744 2006 SP_{159}	18.2	X	41.28178	350.36960	50.54095	1.91638	0.2303198	0.27728853	2.3290641	21	—	—
374745 2006 SH_{167}	18.1	X	57.44949	206.19983	204.87909	5.86388	0.2285355	0.28284148	2.2984796	21	—	—
374746 2006 SV_{176}	17.5	X	337.72333	297.09707	184.22256	5.35685	0.1067218	0.28125993	2.3070879	21	—	—
374747 2006 SR_{179}	17.9	X	179.84895	238.58008	22.95670	5.39013	0.1391063	0.28319377	2.2965730	21	—	—
374748 2006 SA_{181}	18.5	X	125.38722	93.67548	195.43409	1.20818	0.2185729	0.28023904	2.3126875	21	—	—
374749 2006 SY_{187}	18.1	X	71.74512	28.15211	23.58819	5.40566	0.0945772	0.28715483	2.2754046	21	—	—
374750 2006 SP_{196}	17.3	X	13.74665	16.27946	359.41921	12.23074	0.0792266	0.26869838	2.3784427	21	12 11.1	20.4
374751 2006 SQ_{204}	17.4	X	41.71651	8.22255	18.07631	5.87864	0.1690670	0.27692193	2.3311192	21	—	—
374752 2006 SZ_{207}	17.4	X	82.07412	94.01247	318.33857	7.10138	0.0885116	0.29368184	2.2415649	21	—	—
374753 2006 SW_{226}	17.6	X	6.62141	231.42014	236.45470	4.63705	0.0986442	0.28490709	2.2873566	21	—	—
374754 2006 SG_{233}	17.2	X	287.14279	320.03645	193.51087	21.94132	0.1239297	0.27905881	2.3192037	21	—	—
374755 2006 ST_{233}	17.8	X	352.57636	221.98063	216.00509	6.39812	0.0693703	0.27761417	2.3272424	21	—	—
374756 2006 SK_{237}	17.9	X	8.70636	120.21390	4.21454	5.42538	0.1537873	0.28973864	2.2618568	21	—	—
374757 2006 SS_{241}	18.4	X	17.10272	69.37917	18.94820	3.68111	0.2234526	0.28183576	2.3039443	21	—	—
374758 2006 SW_{251}	18.4	X	55.05387	34.65908	359.81342	2.87508	0.1551822	0.28033176	2.3121775	21	—	—
374759 2006 SK_{257}	17.5	X	189.24680	272.21687	7.57222	7.07179	0.1071401	0.28610443	2.2809705	21	—	—
374760 2006 SZ_{259}	17.5	X	223.69429	342.29649	218.92961	2.44819	0.0654485	0.27630426	2.3345920	21	—	—
374761 2006 SV_{260}	17.5	X	108.65208	79.86334	214.07131	5.46517	0.1615175	0.27555369	2.3388295	21	12 28.8	21.2
374762 2006 SH_{275}	17.6	X	92.17065	350.14369	1.15813	2.56444	0.2274653	0.27889961	2.3200861	21	—	—
374763 2006 SW_{278}	17.7	X	141.16006	177.87344	143.57478	2.85093	0.2130829	0.28717948	2.2752744	21	—	—
374764 2006 SH_{282}	17.4	X	71.73356	359.22567	48.76989	3.19161	0.1471564	0.28684333	2.2770517	21	—	—
374765 2006 SA_{283}	17.9	X	114.72707	0.71023	33.83623	4.48224	0.1653969	0.29250658	2.2475651	21	1 20.6	20.3
374766 2006 SB_{283}	17.4	X	82.63533	349.20187	35.38935	6.41624	0.1428046	0.28557045	2.2838130	21	—	—
374767 2006 SP_{285}	17.7	X	83.77300	318.28792	22.48086	2.36741	0.1987361	0.27672748	2.3322111	21	—	—
374768 2006 ST_{292}	17.2	X	34.69329	110.33077	343.35095	5.90655	0.0953995	0.28780605	2.2719709	21	—	—
374769 2006 ST_{321}	17.9	X	238.11375	199.17583	151.74292	3.09024	0.2072784	0.24179157	2.5517725	21	4 6.5	22.0
374770 2006 SL_{336}	18.3	X	44.49348	346.16340	103.45527	3.57787	0.1961514	0.28551094	2.2841303	21	—	—
374771 2006 SO_{347}	17.4	X	281.15203	289.16032	211.85134	5.99739	0.1910485	0.27119155	2.3638429	21	12 27.0	19.5
374772 2006 SA_{350}	17.4	X	190.28484	263.54821	337.43659	7.67686	0.1215818	0.28124991	2.3071427	21	—	—
374773 2006 SM_{352}	17.3	X	112.78431	326.51573	336.30688	6.26358	0.1190795	0.27695223	2.3309492	21	—	—
374774 2006 SF_{356}	17.6	X	101.60036	186.98887	144.05384	2.36877	0.2577232	0.28027661	2.3124809	21	—	—
374775 2006 SB_{365}	17.2	X	134.14552	350.87155	322.97461	5.69398	0.1505117	0.28338132	2.2955596	21	—	—
374776 2006 SA_{403}	18.0	X	103.60455	255.87860	42.69000	4.93060	0.2451872	0.27356157	2.3501702	21	—	—
374777 2006 TZ_{1}	18.0	X	17.38623	91.00539	13.00143	7.99567	0.2880863	0.28017296	2.3130512	21	—	—
374778 2006 TC_{2}	17.5	X	56.62173	310.10316	51.95004	2.20175	0.2053974	0.27550619	2.3390983	21	—	—
374779 2006 TC_{10}	17.1	X	94.79023	297.83272	52.80270	6.16398	0.1900308	0.28026242	2.3125589	21	—	—
374780 2006 TY_{10}	16.5	X	132.05853	108.60341	217.05455	22.36815	0.1841395	0.28487400	2.2875337	21	—	—
374781 2006 TJ_{13}	17.7	X	71.46822	289.44244	101.46048	2.71720	0.1797898	0.28245002	2.3006028	21	—	—
374782 2006 TS_{15}	18.1	X	354.58216	77.03075	354.16349	2.10641	0.1973975	0.27310278	2.3528016	21	—	—
374783 2006 TM_{26}	17.5	X	104.09300	1.03564	28.26610	6.06007	0.1788817	0.28691647	2.2766646	21	—	—
374784 2006 TN_{28}	17.8	X	142.44922	265.18002	42.40304	6.19054	0.1878196	0.28228245	2.3015132	21	—	—
374785 2006 TS_{28}	17.4	X	311.70373	311.88567	206.02213	6.65028	0.0502293	0.28136008	2.3065404	21	—	—
374786 2006 TT_{34}	17.9	X	289.78704	90.74642	24.93688	5.85730	0.2489605	0.26507480	2.4000692	21	11 24.6	19.7
374787 2006 TJ_{38}	17.3	X	193.05293	213.39308	38.81454	6.02482	0.1232313	0.27815925	2.3242011	21	—	—
374788 2006 TA_{40}	17.9	X	86.51253	119.30518	217.39770	7.66929	0.1320994	0.27525015	2.3405486	21	—	—
374789 2006 TD_{53}	17.9	X	62.29445	166.53268	202.26587	4.58457	0.2063108	0.27543316	2.3395118	21	—	—
374790 2006 TC_{58}	17.7	X	53.60357	343.32797	33.87394	5.77698	0.1827156	0.27706174	2.3303349	21	—	—
374791 2006 TC_{63}	18.2	X	57.68209	98.82062	284.87819	1.76940	0.2077854	0.27888664	2.3201581	21	—	—
374792 2006 TE_{66}	17.4	X	10.89808	30.75521	23.32527	8.57473	0.1112332	0.27567837	2.3381243	21	—	—
374793 2006 TM_{73}	18.4	X	49.28469	326.65035	63.72520	3.38385	0.2378978	0.27677959	2.3319184	21	—	—
374794 2006 TK_{76}	18.0	X	90.03392	198.72463	185.33190	7.09527	0.2127565	0.28411231	2.2916204	21	—	—
374795 2006 TV_{77}	17.4	X	127.08317	116.60442	199.27725	5.80094	0.1830376	0.28105959	2.3081841	21	—	—
374796 2006 TD_{79}	17.1	X	60.70315	358.61619	44.04091	11.29088	0.2166627	0.27920701	2.3183829	21	—	—
374797 2006 TA_{98}	18.6	X	59.63861	149.05788	221.19628	0.42618	0.2022734	0.27714596	2.3298628	21	—	—
374798 2006 TZ_{103}	17.2	X	276.04613	281.06420	212.81378	8.22959	0.1600781	0.26721121	2.3872593	21	12 10.5	19.7
374799 2006 TT_{109}	17.3	X	352.09112	308.23940	100.85592	7.41622	0.1172188	0.26914664	2.3758011	21	12 30.8	19.8
374800 2006 TR_{126}	17.8	X	269.51817	303.80586	184.39063	6.50556	0.1220015	0.26645858	2.3917525	21	11 27.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374801 2006 UP_7	17.3	X	42.50393	325.70943	56.21754	6.42741	0.2253856	0.27412739	2.3469352	21	—	—
374802 2006 UP_{11}	17.7	X	114.19865	141.13897	196.95215	4.58574	0.2092131	0.28245521	2.3005746	21	—	—
374803 2006 UL_{17}	17.5	X	349.61873	111.98284	353.16263	7.33427	0.0373665	0.28085168	2.3093231	21	—	—
374804 2006 UT_{28}	17.5	X	11.14726	165.57591	210.39061	6.30364	0.1686503	0.26842303	2.3800689	21	12 22.7	20.1
374805 2006 UF_{33}	17.7	X	123.03666	220.17902	58.04939	3.11054	0.1910985	0.27311816	2.3527133	21	12 23.0	21.4
374806 2006 UP_{35}	17.7	X	111.25102	19.49028	236.04184	5.53060	0.0643276	0.26340061	2.4102284	21	11 5.6	20.9
374807 2006 UB_{39}	17.4	X	139.18355	220.90050	32.69742	7.11729	0.1005861	0.26885746	2.3775043	21	12 5.4	20.9
374808 2006 UW_{42}	16.9	X	59.59109	76.67712	216.23608	11.68128	0.1160500	0.26117939	2.4238744	21	10 29.7	20.0
374809 2006 UU_{43}	17.4	X	270.21389	149.47568	43.14183	7.60917	0.0530057	0.27895752	2.3197650	21	—	—
374810 2006 UY_{65}	17.5	X	51.71861	334.11327	69.54047	7.54449	0.2307097	0.28005005	2.3137279	21	—	—
374811 2006 UM_{67}	16.8	X	305.12305	345.48457	179.81810	5.82970	0.0514158	0.28241083	2.3008156	21	—	—
374812 2006 UK_{68}	16.9	X	58.84120	12.41691	55.39207	7.47297	0.0667113	0.28474615	2.2882184	21	—	—
374813 2006 UA_{78}	17.7	X	90.28194	309.25321	6.92234	4.39142	0.2513668	0.27581756	2.3373376	21	—	—
374814 2006 UP_{81}	17.6	X	44.66435	231.22366	191.29459	3.61152	0.1073998	0.27964085	2.3159845	21	—	—
374815 2006 US_{88}	18.2	X	62.56053	140.91912	254.81152	1.45010	0.1704636	0.27895948	2.3197542	21	—	—
374816 2006 UW_{109}	17.3	X	143.50067	40.22087	249.71376	6.93690	0.1233732	0.28272108	2.2991321	21	—	—
374817 2006 UT_{119}	18.0	X	5.26735	16.87009	38.91616	3.20409	0.1717417	0.27238103	2.3569560	21	—	—
374818 2006 UL_{120}	17.4	X	334.50073	304.92041	194.80490	6.46798	0.0901700	0.28171093	2.3046249	21	—	—
374819 2006 UT_{124}	17.4	X	311.97770	189.58184	304.07035	1.83554	0.1332863	0.27858423	2.3218368	21	—	—
374820 2006 US_{130}	17.6	X	235.08079	155.89488	18.61895	6.37760	0.1021066	0.26985172	2.3716609	21	12 12.9	20.5
374821 2006 UJ_{168}	17.9	X	281.32226	324.79111	185.69059	7.07047	0.0591953	0.27505268	2.3416688	21	—	—
374822 2006 UR_{170}	17.0	X	22.92461	251.31439	114.97755	3.13995	0.0797958	0.20102020	2.8860881	21	11 29.3	20.8
374823 2006 UU_{173}	17.6	X	56.94681	299.90611	60.23934	3.16889	0.2246149	0.26810160	2.3819709	21	—	—
374824 2006 UK_{175}	18.0	X	79.55321	317.43298	97.42550	3.48611	0.2164724	0.28708281	2.2757851	21	—	—
374825 2006 UT_{179}	17.0	X	32.33397	342.49196	86.10533	7.07821	0.0973263	0.27912685	2.3188268	21	—	—
374826 2006 UV_{193}	17.6	X	85.09555	300.95702	33.68331	3.39655	0.2195153	0.27675371	2.3320637	21	—	—
374827 2006 UW_{213}	18.1	X	335.84029	97.97835	354.21604	1.98130	0.1889847	0.26974717	2.3722736	21	—	—
374828 2006 UK_{219}	17.4	X	81.05129	354.79985	23.75214	7.89215	0.1237319	0.28118728	2.3074852	21	—	—
374829 2006 UA_{222}	17.5	X	111.85223	37.80886	286.84216	3.87087	0.1783303	0.28167565	2.3048173	21	—	—
374830 2006 UF_{222}	17.5	X	130.38503	90.23664	215.16611	10.51748	0.2009198	0.28214150	2.3022796	21	—	—
374831 2006 UG_{233}	17.7	X	97.64305	280.65355	76.93706	4.55169	0.2513690	0.28249168	2.3003766	21	—	—
374832 2006 UH_{233}	18.0	X	43.79377	348.64926	22.44026	2.33597	0.2347534	0.27376964	2.3489793	21	—	—
374833 2006 UT_{240}	17.2	X	48.34481	308.49640	84.72803	6.04858	0.2222424	0.27527824	2.3403894	21	—	—
374834 2006 UU_{242}	17.9	X	340.87770	92.72557	25.76085	6.86509	0.1064131	0.27922930	2.3182596	21	—	—
374835 2006 UJ_{243}	18.9	X	43.97811	10.99965	37.32244	1.63126	0.1958453	0.27929760	2.3178816	21	—	—
374836 2006 UA_{249}	18.9	X	54.35634	194.66284	217.58943	1.36373	0.2099575	0.28058780	2.3107708	21	—	—
374837 2006 UY_{256}	18.3	X	340.04442	118.93756	355.07464	4.56546	0.1799989	0.27672401	2.3322306	21	—	—
374838 2006 UZ_{264}	17.3	X	315.02805	315.46811	210.00745	22.84074	0.1868372	0.28231492	2.3013367	21	—	—
374839 2006 UH_{265}	16.8	X	342.96485	180.25719	272.94629	6.26846	0.0673401	0.27447443	2.3449565	21	—	—
374840 2006 US_{267}	18.1	X	242.55834	158.19817	40.74526	1.97438	0.0360055	0.27606577	2.3359364	21	—	—
374841 2006 UJ_{268}	17.2	X	26.63058	140.21809	293.36477	4.28674	0.1803239	0.27702975	2.3305143	21	—	—
374842 2006 UC_{272}	18.2	X	9.59613	207.97138	190.94620	0.72175	0.1900051	0.26873487	2.3782273	21	—	—
374843 2006 UW_{273}	17.8	X	351.85288	145.40077	330.59908	1.64204	0.1396862	0.27675141	2.3320766	21	—	—
374844 2006 UK_{281}	18.3	X	348.04640	247.29640	210.03355	2.35968	0.1824677	0.27336663	2.3512874	21	—	—
374845 2006 UB_{301}	17.3	X	16.90334	119.17830	14.26263	5.91882	0.0940780	0.29451059	2.2373578	21	—	—
374846 2006 UP_{325}	17.3	X	258.35792	265.01513	251.24372	4.11710	0.1099366	0.26860401	2.3789997	21	12 20.6	20.0
374847 2006 UK_{336}	18.2	X	89.04744	330.06704	12.59180	1.75387	0.1952411	0.27549256	2.3391755	21	—	—
374848 2006 VK	17.6	X	342.09793	74.39009	27.14612	3.44453	0.1574471	0.27340635	2.3510597	21	—	—
374849 2006 VO_1	17.8	X	45.98938	213.30409	199.34371	4.18074	0.3105840	0.27702153	2.3305604	21	—	—
374850 2006 VL_2	17.7	X	108.72072	69.56836	277.30841	4.57972	0.1767772	0.28179028	2.3041922	21	—	—
374851 2006 VV_2	16.8	X	319.24877	145.08844	9.81678	23.73195	0.6056989	0.26740352	2.3861146	21	—	—
374852 2006 VF_4	17.4	X	0.63303	352.41403	37.89412	6.25022	0.1215544	0.26629899	2.3927080	21	12 17.7	20.0
374853 2006 VJ_4	17.4	X	353.95654	189.49436	250.43927	3.25377	0.1626659	0.27220563	2.3579684	21	—	—
374854 2006 VV_5	18.1	X	51.72092	314.97387	69.89616	2.32991	0.1997906	0.27533241	2.3400824	21	—	—
374855 2006 VQ_{13}	20.0	X	305.13262	73.81931	233.69414	16.69701	0.4458317	0.85469938	1.0996651	21	1 14.9*	21.3
374856 2006 VJ_{18}	17.4	X	6.37001	184.79011	262.68094	3.62650	0.0791028	0.27665160	2.3326376	21	—	—
374857 2006 VM_{23}	17.9	X	315.72238	44.21963	65.56902	3.70320	0.1389359	0.26911937	2.3759616	21	—	—
374858 2006 VG_{26}	17.4	X	83.50374	306.66097	47.85396	3.28139	0.2296759	0.27722004	2.3294477	21	—	—
374859 2006 VD_{27}	18.2	X	9.21029	27.38960	64.17166	2.15149	0.1505921	0.27583691	2.3372283	21	—	—
374860 2006 VD_{30}	17.6	X	65.74683	31.27570	300.42298	1.97500	0.1845059	0.26868966	2.3784941	21	—	—
374861 2006 VM_{32}	17.9	X	3.30452	59.81479	36.52477	3.00055	0.1571257	0.27749818	2.3278909	21	—	—
374862 2006 VV_{35}	17.9	X	245.59765	48.84346	124.03766	0.25273	0.1346234	0.26779341	2.3837980	21	12 20.4	20.8
374863 2006 VQ_{42}	17.2	X	36.88381	334.73313	74.44446	7.29403	0.2208113	0.27477123	2.3432676	21	—	—
374864 2006 VD_{48}	18.3	X	35.05921	204.38391	159.52225	1.75325	0.1910376	0.26940653	2.3742729	21	—	—
374865 2006 VO_{50}	17.5	X	285.65665	150.82721	308.91822	1.35080	0.1674782	0.26002648	2.4310338	21	11 4.1	19.8
374866 2006 VP_{64}	18.0	X	1.69427	187.77898	192.23258	0.95327	0.1906799	0.26422680	2.4052016	21	12 15.1	20.2
374867 2006 VG_{67}	17.4	X	76.29392	309.64355	65.15906	3.64788	0.2056648	0.27759829	2.3273312	21	—	—
374868 2006 VP_{70}	17.6	X	318.48371	30.72698	73.92348	2.29990	0.1446900	0.26764462	2.3846815	21	—	—
374869 2006 VQ_{81}	17.5	X	56.14933	172.16500	232.09728	5.79525	0.0912477	0.28135562	2.3065648	21	—	—
374870 2006 VZ_{84}	17.1	X	67.51984	346.10881	34.02669	6.75049	0.2285069	0.27703380	2.3304916	21	—	—
374871 2006 VU_{113}	17.7	X	4.04849	137.80914	328.60419	2.65407	0.1478816	0.27625867	2.3348488	21	—	—
374872 2006 VO_{116}	15.2	X	25.89820	283.85568	33.89524	4.54470	0.1313696	0.12353479	3.9927905	21	9 28.7	20.3
374873 2006 VX_{122}	18.0	X	43.70737	0.48562	45.29363	6.92897	0.1106882	0.27525861	2.3405007	21	—	—
374874 2006 VH_{123}	17.9	X	19.81021	64.69867	330.67851	1.81532	0.2218211	0.27003932	2.3705623	21	—	—
374875 2006 VM_{124}	18.2	X	301.01322	87.83548	37.27079	1.81434	0.1340722	0.26796105	2.3828037	21	—	—
374876 2006 VC_{128}	17.7	X	106.82244	354.66612	294.37025	4.65993	0.1039113	0.26773006	2.3841741	21	12 17.3	21.1
374877 2006 VC_{129}	17.6	X	85.47893	23.87710	12.48701	5.89786	0.1583381	0.28258826	2.2998525	21	—	—
374878 2006 VU_{137}	17.8	X	54.91127	250.93480	78.57132	3.13822	0.2487631	0.26761561	2.3848538	21	12 28.9	21.3
374879 2006 VN_{150}	17.2	X	293.06430	213.02238	239.31585	5.80287	0.0934132	0.26372764	2.4082355	21	11 17.3	19.7
374880 2006 VU_{152}	17.7	X	74.33254	266.98245	103.18423	3.73681	0.2222680	0.27789655	2.3256656	21	—	—

* The additional opposition: 12 6.5, $V = 18.1$

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374881 2006 WU_7	18.0	X	327.24984	314.38339	141.60465	3.34822	0.1545638	0.26876990	2.3780207	21	—	—
374882 2006 WX_7	17.8	X	64.49787	280.71059	75.69339	3.12343	0.2368108	0.27591523	2.3367859	21	—	—
374883 2006 WN_8	18.0	X	308.35015	337.78340	130.43838	2.95688	0.1624444	0.26622677	2.3931407	21	—	—
374884 2006 WV_8	17.8	X	344.59436	295.13323	151.89241	2.63361	0.2011367	0.26970320	2.3725315	21	—	—
374885 2006 WO_{11}	16.9	X	48.43891	341.82911	55.51751	8.03658	0.2197093	0.27480205	2.3430923	21	—	—
374886 2006 WH_{27}	18.0	X	2.78640	199.33270	223.99950	1.64018	0.1729527	0.27025599	2.3692951	21	—	—
374887 2006 WR_{34}	17.4	X	63.82833	227.58700	97.33276	5.05909	0.2171452	0.26830167	2.3807866	21	12 28.6	20.9
374888 2006 WV_{38}	16.9	X	218.22620	340.86490	128.53283	2.15305	0.1362937	0.18079764	3.0974731	21	8 18.9	21.7
374889 2006 WM_{56}	17.2	X	307.21687	78.28031	43.70690	3.12439	0.1379120	0.26686605	2.3893173	21	—	—
374890 2006 WU_{70}	18.0	X	301.79706	170.72638	297.03065	1.33124	0.1240236	0.26659828	2.3909169	21	12 23.7	20.0
374891 2006 WH_{71}	18.1	X	9.70908	164.94358	258.24668	2.78916	0.0598683	0.27254121	2.3560324	21	—	—
374892 2006 WU_{85}	17.5	X	351.67435	206.08503	223.04892	4.00027	0.1762417	0.26799757	2.3825872	21	—	—
374893 2006 WT_{88}	18.0	X	50.35591	2.25332	21.75931	4.21796	0.2625164	0.27335368	2.3513616	21	—	—
374894 2006 WF_{96}	17.7	X	46.13959	237.48382	180.07567	5.59945	0.2179305	0.27947743	2.3168872	21	—	—
374895 2006 WJ_{100}	17.7	X	49.62383	305.76064	80.44590	8.27475	0.2586947	0.27614724	2.3354769	21	—	—
374896 2006 WU_{100}	18.1	X	73.52676	348.50110	34.44452	5.76106	0.1723117	0.27868799	2.3212605	21	—	—
374897 2006 WK_{108}	17.3	X	31.17857	170.74835	237.27537	1.93026	0.1671727	0.27278895	2.3546057	21	—	—
374898 2006 WC_{110}	17.2	X	2.49393	283.89165	83.23556	7.77705	0.1176613	0.26007337	2.4307416	21	11 17.8	19.7
374899 2006 WO_{117}	18.1	X	50.78842	55.30313	348.07636	5.12719	0.2268745	0.27743455	2.3282468	21	—	—
374900 2006 WN_{158}	17.6	X	42.48247	46.31698	23.85054	4.70343	0.1582814	0.27822467	2.3238368	21	—	—
374901 2006 WZ_{159}	17.4	X	335.00183	59.93573	16.32387	1.56239	0.1145144	0.26046931	2.4282777	21	—	—
374902 2006 WK_{163}	17.5	X	94.06128	219.07015	76.44456	7.81151	0.1322147	0.26623636	2.3930832	21	12 13.8	20.9
374903 2006 WG_{181}	17.7	X	345.89187	32.40351	91.29993	3.06504	0.1699281	0.27489516	2.3425632	21	—	—
374904 2006 WV_{198}	17.9	X	331.35927	44.54376	72.91740	3.14026	0.1715119	0.26766944	2.3845340	21	—	—
374905 2006 WD_{204}	17.2	X	243.33884	113.39339	56.26307	2.73061	0.1173557	0.25918714	2.4362793	21	12 13.5	20.0
374906 2006 WG_{204}	17.9	X	13.14939	140.23688	277.21394	2.72354	0.1943834	0.26661412	2.3908222	21	—	—
374907 2006 XE_1	17.6	X	98.84094	336.36708	58.52529	21.15626	0.1447128	0.41656198	1.7756184	21	—	—
374908 2006 XR_{10}	17.7	X	21.33834	45.22343	50.47041	3.06562	0.1736911	0.27512142	2.3412787	21	—	—
374909 2006 XV_{11}	17.5	X	359.73187	44.05723	20.47296	1.87447	0.1712635	0.26854117	2.3793708	21	—	—
374910 2006 XT_{12}	16.7	X	220.48033	250.65451	263.69625	5.51746	0.0596557	0.25730763	2.4481289	21	10 31.3	20.1
374911 2006 XM_{18}	17.0	X	283.13300	37.26690	82.00155	6.91901	0.1323230	0.25932446	2.4354192	21	12 3.7	19.3
374912 2006 XV_{19}	17.8	X	324.41763	301.86965	145.52915	1.56382	0.1514468	0.26326914	2.4110307	21	—	—
374913 2006 XT_{23}	17.2	X	321.69320	278.92350	222.70183	9.58369	0.1567047	0.27331572	2.3515794	21	—	—
374914 2006 XF_{39}	17.6	X	346.66396	351.84801	97.72748	2.62203	0.1339847	0.26684031	2.3894710	21	—	—
374915 2006 XL_{53}	16.8	X	272.48159	52.43131	98.96504	3.29910	0.1332677	0.26112187	2.4242304	21	12 31.1	19.4
374916 2006 XP_{54}	17.4	X	11.43761	93.69588	336.08609	2.10292	0.1738005	0.27119576	2.3638184	21	—	—
374917 2006 XG_{60}	17.5	X	41.09521	353.88760	359.93155	2.35655	0.2292835	0.26301241	2.4125994	21	—	—
374918 2006 XT_{62}	18.1	X	341.84943	324.00354	83.45557	3.57145	0.2036246	0.26067637	2.4269916	21	12 16.9	19.9
374919 2006 XB_{68}	17.1	X	297.23285	3.19109	109.10362	3.25487	0.1664402	0.25903137	2.4372560	21	12 16.0	19.2
374920 2006 XT_{70}	17.6	X	56.54045	232.57909	161.21222	1.43933	0.1880385	0.27207600	2.3587173	21	—	—
374921 2006 XE_{71}	17.7	X	237.28482	104.44813	42.88569	2.13471	0.1272096	0.25478109	2.4642869	21	11 3.8	20.8
374922 2006 YY_1	17.8	X	10.81281	17.97803	55.74295	2.17333	0.1567932	0.27162100	2.3613507	21	—	—
374923 2006 YP_4	17.7	X	325.62856	355.65607	118.48970	2.02679	0.1424781	0.26619618	2.3933240	21	—	—
374924 2006 YD_9	17.5	X	24.93402	345.13575	48.49403	1.88897	0.1925991	0.26459780	2.4029527	21	—	—
374925 2006 YQ_{11}	17.1	X	118.89227	50.58308	232.72102	5.86864	0.1176873	0.26612939	2.3937245	21	12 22.6	20.6
374926 2006 YT_{12}	17.3	X	348.98701	300.82078	114.85811	2.39147	0.1738179	0.26107266	2.4245350	21	—	—
374927 2006 YA_{17}	17.3	X	16.54608	291.00081	99.60321	3.30450	0.2229277	0.26367372	2.4085638	21	—	—
374928 2006 YB_{25}	16.4	X	102.55246	106.99266	82.35555	7.77224	0.0601058	0.23807282	2.5782766	21	7 27.9	19.9
374929 2006 YB_{47}	17.2	X	16.31995	348.93191	92.19509	5.81970	0.1776633	0.27403496	2.3474629	21	—	—
374930 2007 AU_{12}	17.7	X	341.38559	5.73184	79.74883	2.06965	0.1489850	0.26435551	2.4044208	21	—	—
374931 2007 AJ_{15}	17.3	X	325.25114	181.77855	298.15498	3.90423	0.1387793	0.26726544	2.3869364	21	—	—
374932 2007 AM_{17}	16.8	X	297.42802	358.12050	107.00794	3.21454	0.1713689	0.25849720	2.4406124	21	12 5.2	18.8
374933 2007 AT_{23}	16.8	X	281.92688	214.29352	269.75176	5.75645	0.0608533	0.25900859	2.4373988	21	12 16.3	19.5
374934 2007 AY_{27}	17.6	X	17.65300	232.45549	156.22760	2.67405	0.2191764	0.26304738	2.4123856	21	—	—
374935 2007 BL	17.0	X	225.43400	204.84151	300.80436	2.86642	0.1659644	0.25187250	2.4832220	21	10 11.7	20.7
374936 2007 BE_3	17.7	X	303.50875	172.75656	302.16163	1.07958	0.1607418	0.26213637	2.4179716	21	—	—
374937 2007 BC_4	17.3	X	327.46707	336.40569	116.30613	1.69880	0.1466174	0.26213221	2.4179972	21	—	—
374938 2007 BU_{19}	17.2	X	308.81876	111.53881	350.43912	11.64588	0.2191315	0.26186564	2.4196379	21	12 25.0	19.2
374939 2007 BL_{23}	18.0	X	4.87564	118.33561	309.15213	1.77560	0.1795631	0.26634072	2.3924581	21	—	—
374940 2007 BU_{35}	17.3	X	160.63535	219.46619	321.33368	2.03213	0.1050784	0.24464002	2.5319262	21	9 23.6	21.0
374941 2007 BE_{38}	17.5	X	301.03018	329.03278	129.00650	9.96908	0.1332621	0.25876153	2.4389501	21	12 6.9	20.0
374942 2007 BN_{41}	18.3	X	6.10190	196.32642	227.82145	0.51792	0.1717578	0.26568315	2.3964040	21	—	—
374943 2007 BX_{49}	17.2	X	271.78394	286.76927	145.04914	13.05062	0.0979004	0.24602929	2.5223858	21	9 15.1	20.3
374944 2007 BV_{54}	17.3	X	195.66190	353.28432	138.78118	7.28198	0.1144780	0.24322541	2.5417339	21	8 29.7	21.1
374945 2007 BH_{57}	17.0	X	18.17301	6.21884	66.67900	4.70099	0.1015265	0.26709030	2.3879798	21	—	—
374946 2007 BU_{61}	17.6	X	40.40795	4.08058	22.77953	1.63692	0.1885378	0.26806515	2.3821868	21	—	—
374947 2007 BA_{65}	17.1	X	105.21086	53.53941	148.33644	6.25810	0.1804680	0.23248471	2.6194279	21	8 30.1	21.1
374948 2007 BE_{74}	16.8	X	133.83051	250.52993	312.27612	4.77510	0.0228520	0.24430226	2.5342593	21	9 17.5	20.2
374949 2007 CR_2	17.6	X	259.98534	171.88100	312.50649	4.84303	0.1485839	0.25272642	2.4776252	21	10 28.4	20.7
374950 2007 CG_6	17.1	X	343.56193	0.77688	24.91169	2.69698	0.2132528	0.25675462	2.4516429	21	11 15.6	18.8
374951 2007 CN_7	17.2	X	23.50362	292.77842	79.75300	3.15086	0.1953428	0.26113594	2.4241433	21	—	—
374952 2007 CZ_{14}	16.5	X	78.93163	67.83536	149.11151	11.71515	0.1249830	0.23135864	2.6279206	21	8 10.9	20.0
374953 2007 CW_{34}	17.7	X	331.75946	279.93243	192.85124	4.74569	0.1920439	0.26522976	2.3991342	21	—	—
374954 2007 CZ_{35}	17.4	X	359.07218	67.38943	332.24120	1.97254	0.1860183	0.25914059	2.4365711	21	—	—
374955 2007 CK_{37}	16.9	X	294.01154	117.74283	353.23080	1.36010	0.1429195	0.25761053	2.4462095	21	12 9.1	19.3
374956 2007 CQ_{39}	17.9	X	346.30623	249.71392	161.39074	1.53720	0.1793597	0.25836378	2.4414526	21	12 27.8	20.1
374957 2007 CN_{46}	17.1	X	334.68282	338.58570	131.20038	3.93307	0.2105443	0.26557241	2.3970701	21	—	—
374958 2007 CF_{47}	16.6	X	26.91864	239.28302	331.78645	11.57366	0.2019303	0.21913156	2.7247883	21	5 11.2	19.4
374959 2007 CV_{47}	17.5	X	336.51401	284.30487	181.89645	2.26909	0.1507765	0.26501764	2.4004143	21	—	—
374960 2007 CC_{50}	15.4	X	29.27593	313.20104	2.86850	12.87311	0.1834956	0.24077720	2.5589344	21	10 21.5	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
374961 2007 CK_{56}	16.2	X	102.11587	262.57652	300.04281	7.92557	0.0699038	0.23430158	2.6058689	21	8 12.7	19.9
374962 2007 CB_{61}	17.1	X	256.76014	184.41710	322.83773	5.62962	0.0846756	0.25404230	2.4690621	21	12 5.6	20.1
374963 2007 DS_{2}	16.7	X	321.12788	244.96802	133.85116	10.05882	0.0088366	0.24208441	2.5497142	21	9 25.4	20.1
374964 2007 DG_{5}	17.4	X	17.65683	310.84564	100.97297	5.26377	0.1905490	0.26652894	2.3913316	21	—	—
374965 2007 DC_{11}	16.8	X	347.70607	288.65114	344.53427	8.25070	0.1364276	0.22090913	2.7101517	21	5 24.5	20.0
374966 2007 DE_{23}	17.3	X	256.90756	265.08346	159.64179	14.75007	0.1527698	0.24014780	2.5634035	21	8 3.0	21.1
374967 2007 DL_{25}	17.2	X	338.95616	151.21447	184.63597	2.05064	0.1474233	0.23534520	2.5981596	21	8 11.6	19.8
374968 2007 DP_{29}	17.4	X	252.24731	111.65011	347.43927	11.61376	0.1311045	0.24426041	2.5345488	21	9 16.7	20.7
374969 2007 DL_{37}	16.6	X	79.93251	231.84491	337.42676	4.03957	0.0311655	0.22796218	2.6539588	21	7 19.4	20.0
374970 2007 DD_{41}	17.8	X	52.66844	280.57781	356.94515	19.32105	0.0768393	0.37511679	1.9041086	21	10 2.9	19.7
374971 2007 DV_{43}	17.8	X	200.45438	317.43968	172.81487	10.53214	0.0979310	0.23968486	2.5667032	21	8 31.5	21.7
374972 2007 DA_{50}	16.8	X	115.05616	220.73240	330.04997	3.65471	0.1358292	0.23360687	2.6110327	21	8 21.5	20.7
374973 2007 DA_{52}	16.8	X	70.20296	65.72660	176.58742	6.88883	0.0542933	0.23229931	2.6208215	21	8 22.1	20.3
374974 2007 DF_{75}	17.6	X	3.31805	338.93463	82.52721	0.56954	0.1998202	0.26004903	2.4308933	21	—	—
374975 2007 DW_{90}	16.6	X	283.37644	283.59025	353.06633	8.55107	0.1960013	0.20945298	2.8080943	21	2 22.2	20.9
374976 2007 DN_{97}	17.2	X	142.62230	174.36664	354.70817	3.65656	0.1522983	0.23206341	2.6225973	21	8 23.5	21.4
374977 2007 DR_{105}	16.9	X	303.00212	79.77266	321.41580	3.82891	0.0318647	0.24003054	2.5642383	21	9 23.1	20.0
374978 2007 ES_{7}	16.1	X	68.66865	218.69305	20.54252	13.96412	0.1126254	0.23142186	2.6274419	21	9 1.9	19.7
374979 2007 EM_{9}	16.8	X	197.76425	68.96937	6.65325	22.14893	0.0583655	0.22510255	2.6763882	21	6 18.2	21.2
374980 2007 EJ_{23}	16.3	X	6.72567	269.11024	25.81693	9.95928	0.1402373	0.22573352	2.6713985	21	8 11.2	19.3
374981 2007 EG_{30}	16.8	X	111.27867	347.26428	162.76514	14.76806	0.1230305	0.22432219	2.6825916	21	6 23.2	21.0
374982 2007 ER_{36}	16.2	X	77.97287	106.28018	103.22924	8.19109	0.1493961	0.22516001	2.6759329	21	8 4.9	19.8
374983 2007 EZ_{36}	17.4	X	348.54781	56.62605	183.83383	10.38010	0.2414891	0.21194228	2.7860633	21	3 30.5	20.0
374984 2007 ED_{38}	16.8	X	356.69712	136.73629	190.76343	4.56191	0.0985048	0.23257458	2.6187531	21	9 1.9	19.8
374985 2007 EO_{71}	18.0	X	291.83994	75.60484	4.02109	20.23731	0.1103441	0.38318614	1.8772820	21	11 13.7	19.7
374986 2007 EV_{79}	16.8	X	315.58777	211.81140	194.25348	6.66219	0.2147451	0.24135499	2.5548488	21	10 4.7	18.7
374987 2007 EX_{81}	16.6	X	339.17117	273.06086	47.39477	4.16374	0.0923279	0.22756885	2.6570160	21	7 24.6	19.7
374988 2007 EB_{83}	16.7	X	69.03510	69.82317	175.21711	4.36185	0.1623661	0.23392221	2.6086856	21	9 11.2	20.2
374989 2007 EF_{87}	17.4	X	276.57885	249.65899	194.45404	7.11168	0.0962484	0.24162700	2.5529310	21	10 6.3	20.4
374990 2007 EV_{124}	16.7	X	314.47941	341.49555	41.93532	9.72302	0.0444077	0.23431649	2.6057584	21	9 20.1	20.0
374991 2007 EZ_{136}	18.1	X	268.01200	26.54199	77.43508	1.52058	0.1598626	0.25091532	2.4895332	21	10 13.1	20.9
374992 2007 EY_{180}	17.1	X	205.21607	287.82151	203.96013	11.62994	0.1335795	0.23584452	2.5944911	21	9 2.5	21.3
374993 2007 ED_{191}	16.6	X	255.75566	4.90460	17.80340	6.23506	0.0746744	0.22330698	2.6907159	21	6 17.7	20.4
374994 2007 EX_{196}	17.3	X	146.70941	320.64023	195.83992	11.59078	0.1421496	0.22882016	2.6473205	21	8 6.8	21.6
374995 2007 EM_{210}	17.5	X	68.11253	21.18217	74.49498	3.41144	0.1948287	0.27956348	2.3164117	21	2 3.5	19.2
374996 2007 ET_{214}	16.6	X	302.53076	328.15380	17.87646	6.70622	0.1875125	0.22657140	2.6648084	21	6 13.4	20.0
374997 2007 ES_{217}	17.8	X	180.00730	135.42759	8.68600	2.75859	0.0917034	0.23329920	2.6133278	21	8 28.9	21.6
374998 2007 EB_{222}	16.4	X	51.54247	3.73603	165.71015	13.19110	0.1162668	0.21424161	2.7660933	21	4 28.7	19.8
374999 2007 EN_{222}	17.8	X	203.12074	163.87654	27.15602	21.60034	0.0583727	0.38481867	1.8719689	21	12 24.8	20.2
375000 2007 EN_{223}	16.6	X	140.04258	150.00476	45.86715	9.58483	0.1281233	0.23122374	2.6289426	21	9 26.2	20.7
375001 2007 FX_{13}	16.8	X	188.84192	43.04196	100.38055	6.32996	0.1410412	0.23656032	2.5892548	21	9 6.5	20.9
375002 2007 FK_{16}	16.2	X	290.57764	350.41848	334.04261	15.38415	0.0442432	0.22558537	2.6725680	21	5 15.3	20.2
375003 2007 FZ_{27}	17.1	X	323.64253	88.73143	179.69819	9.34724	0.1774983	0.21414658	2.7669116	21	4 4.1	20.5
375004 2007 FP_{37}	16.5	X	215.44891	279.10229	200.04876	21.39536	0.1379145	0.23469851	2.6029300	21	8 25.9	20.8
375005 Newsome	18.2	X	101.31594	48.05148	189.35555	23.24730	0.0752921	0.37403914	1.9077641	21	10 17.4	20.2
375006 2007 GU	16.3	X	325.99644	261.53894	27.73024	8.86143	0.2396441	0.21217087	2.7840619	21	4 25.1	19.5
375007 Buxy	16.9	X	334.60584	153.76896	83.80491	10.30475	0.1160553	0.21057488	2.7981114	21	3 25.4	20.5
375008 2007 GO_{9}	15.9	X	14.64343	208.22749	66.68864	12.27337	0.0465676	0.22451215	2.6810782	21	7 17.8	19.4
375009 2007 GN_{15}	17.0	X	285.46191	309.47845	0.20439	9.06392	0.0880311	0.21596537	2.7513550	21	4 15.9	21.0
375010 2007 GW_{19}	15.9	X	115.19639	298.78985	223.99953	13.05146	0.0563624	0.22012107	2.7166163	21	7 3.8	19.9
375011 2007 GD_{21}	16.7	X	253.10913	300.79760	50.17978	5.01845	0.0837427	0.21111873	2.7933041	21	5 3.8	20.8
375012 2007 GD_{22}	17.1	X	19.19384	149.95758	83.87315	1.80574	0.0115937	0.21399584	2.7682108	21	5 26.2	20.5
375013 2007 GE_{22}	15.8	X	310.15632	314.82371	46.52109	12.27598	0.0925714	0.22368566	2.6876783	21	8 7.5	19.3
375014 2007 GD_{28}	16.6	X	38.33999	218.46514	55.24756	9.25848	0.0915293	0.22597640	2.6694840	21	8 30.9	20.0
375015 2007 GA_{34}	16.2	X	179.35095	176.94368	338.25504	12.62131	0.2066932	0.23634430	2.5908322	21	9 6.8	20.5
375016 2007 GQ_{36}	16.6	X	290.96712	201.00385	126.99901	3.01269	0.1127508	0.21495983	2.7599286	21	5 17.2	20.2
375017 2007 GO_{39}	17.1	X	302.50156	157.64399	207.98743	5.60325	0.0416112	0.22510631	2.6763584	21	8 1.3	20.7
375018 2007 GN_{40}	16.0	X	333.57516	257.61058	46.98987	12.00693	0.0590353	0.21830133	2.7316924	21	6 23.1	19.6
375019 2007 GA_{41}	16.4	X	114.49361	152.54517	35.89112	12.80454	0.0152520	0.22458555	2.6804941	21	8 9.2	20.3
375020 2007 GP_{49}	16.5	X	223.80472	103.73557	38.53020	28.89482	0.0695643	0.23948314	2.5681443	21	10 22.6	20.2
375021 2007 GY_{51}	16.8	X	187.48759	262.16462	145.22945	5.39158	0.0202549	0.21299587	2.7768682	21	5 4.0	20.7
375022 2007 GJ_{56}	17.0	X	109.74610	95.09108	78.72586	6.68248	0.0323217	0.22245308	2.6975972	21	7 10.9	20.7
375023 2007 GJ_{63}	16.8	X	278.23831	289.13136	29.80563	4.41863	0.0977461	0.20968246	2.8060451	21	4 20.7	20.7
375024 2007 GE_{66}	16.8	X	359.48491	55.67547	219.95563	11.24831	0.1623269	0.21569239	2.7536759	21	6 21.8	19.8
375025 2007 GR_{72}	17.8	X	167.67792	194.78860	22.95130	21.92823	0.0562315	0.38368376	1.8756585	21	12 9.8	20.3
375026 2007 GU_{74}	15.9	X	335.01700	281.21420	34.99021	15.16743	0.1733856	0.21924592	2.7238406	21	7 2.3	19.1
375027 2007 GD_{76}	16.4	X	198.42649	47.62128	48.99968	13.75711	0.0826693	0.22302323	2.6929977	21	7 19.8	20.6
375028 2007 GK_{76}	16.4	X	293.39698	318.72690	18.74978	9.55327	0.1051922	0.21701332	2.7424904	21	5 31.4	20.2
375029 2007 HP_{6}	17.2	X	186.05207	216.14309	190.53375	6.04496	0.0483323	0.21477394	2.7615209	21	4 30.7	21.1
375030 2007 HH_{14}	16.9	X	300.55836	226.53717	170.50557	3.64157	0.1224708	0.23328049	2.6134675	21	9 2.7	20.0
375031 2007 HM_{17}	16.0	X	21.89517	203.66315	51.75245	6.03885	0.0706599	0.21926895	2.7236500	21	7 1.9	19.3
375032 2007 HC_{18}	16.2	X	3.88854	236.99139	46.19658	11.27225	0.1498987	0.21911225	2.7249483	21	7 15.6	19.2
375033 2007 HS_{18}	16.6	X	83.97734	343.95006	196.44592	12.96953	0.1705751	0.21906342	2.7253533	21	7 4.5	20.6
375034 2007 HH_{40}	16.7	X	296.83124	205.41158	101.44179	2.91700	0.2303847	0.21006022	2.8026799	21	4 10.5	20.6
375035 2007 HO_{60}	16.4	X	156.01312	155.37388	39.64680	13.19353	0.1214116	0.23724759	2.5842519	21	10 10.7	20.5
375036 2007 HW_{61}	16.5	X	325.53761	234.35396	53.01987	5.03746	0.0311160	0.21445810	2.7642315	21	5 21.9	20.1
375037 2007 HU_{63}	16.4	X	265.36401	277.33654	60.89964	7.07351	0.0206473	0.21301583	2.7766947	21	5 10.8	20.1
375038 2007 HC_{76}	15.7	X	295.70299	312.19196	58.66602	14.23605	0.0485939	0.22227426	2.6990438	21	8 4.2	19.5
375039 2007 HF_{76}	16.2	X	304.22263	329.13068	49.89842	15.71492	0.0759170	0.22572476	2.6714676	21	8 29.5	19.9
375040 2007 HC_{77}	16.9	X	107.92895	88.09534	108.39096	6.04944	0.1020371	0.22535276	2.6744068	21	8 18.2	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375041 2007 HL_{87}	16.5	X	353.20782	112.26386	150.41123	3.03840	0.1252127	0.21219169	2.7838797	21	5 24.3	19.6
375042 2007 JC_{5}	17.4	X	120.43557	182.44465	38.64481	22.03907	0.0360424	0.37079564	1.9188733	21	10 19.3	19.4
375043 Zengweizhou	16.4	X	62.08988	146.57973	49.43517	13.00952	0.1556443	0.21533505	2.7567215	21	6 23.3	20.0
375044 2007 JZ_{23}	16.9	X	138.28225	254.29127	224.58602	5.80231	0.0231531	0.21617134	2.7496071	21	6 3.1	20.7
375045 2007 JV_{27}	16.5	X	352.50660	59.85833	213.86820	4.53178	0.0886324	0.21451345	2.7637560	21	6 9.2	19.7
375046 2007 JJ_{31}	16.8	X	262.18005	248.94206	222.90495	12.42359	0.1253410	0.24158974	2.5531935	21	10 17.4	20.1
375047 2007 JN_{40}	17.8	X	281.18893	190.73817	225.20789	22.60977	0.1219560	0.36862387	1.9264027	21	9 3.2	20.1
375048 2007 LY_{10}	16.7	X	174.86759	66.59222	231.19218	14.28389	0.2730949	0.17959912	3.1112381	21	—	—
375049 2007 LS_{11}	16.9	X	119.45566	306.68096	186.14493	3.81668	0.0480391	0.21270165	2.7794283	21	6 1.0	20.8
375050 2007 LJ_{22}	15.7	X	208.44685	254.54502	128.77267	15.63206	0.1628286	0.20513208	2.8473902	21	4 29.8	20.6
375051 2007 LL_{24}	16.1	X	301.72694	184.24361	78.35720	7.31833	0.0544636	0.20168170	2.8797739	21	3 20.6	20.1
375052 2007 LW_{27}	16.7	X	51.19123	12.99774	175.43628	15.64841	0.1379521	0.21094899	2.7948023	21	5 26.8	20.3
375053 2007 NW_{4}	16.3	X	232.67091	240.23521	68.98854	4.05019	0.2136596	0.18816083	3.0161289	21	2 17.3	21.4
375054 2007 PF_{6}	20.7	X	200.27725	251.20750	316.37102	25.60299	0.4164451	0.66618425	1.2983939	21	—	—
375055 2007 PB_{10}	16.0	X	156.50252	243.07599	114.07665	5.35328	0.2309351	0.17724938	3.1386742	21	2 14.8	21.3
375056 2007 PY_{26}	16.4	X	108.35592	82.37771	324.20173	4.11484	0.1857150	0.17240400	3.1972099	21	2 21.5	21.0
375057 2007 PS_{29}	16.0	X	157.66309	257.13848	98.73020	3.85860	0.3061614	0.17640122	3.1487269	21	2 18.9	21.5
375058 2007 PU_{35}	15.9	X	326.04368	263.86463	96.91634	8.23762	0.1423687	0.21215582	2.7841935	21	8 25.8	19.0
375059 2007 PM_{46}	15.5	X	188.91531	163.19201	162.15559	17.45916	0.0102673	0.17658539	3.1465372	21	1 25.0	20.2
375060 2007 PA_{49}	15.9	X	180.73363	221.47088	143.15743	20.05531	0.1481359	0.18460272	3.0547616	21	3 12.2	20.9
375061 2007 PM_{50}	15.9	X	137.72410	269.10856	152.73337	10.52354	0.1365247	0.18603174	3.0390978	21	4 7.7	20.6
375062 2007 PQ_{50}	16.0	X	50.39012	123.39259	311.97757	1.35385	0.1683023	0.16633948	3.2744559	21	1 4.3	19.8
375063 2007 PV_{50}	16.0	X	151.38580	186.16739	165.40494	9.78138	0.0706074	0.17481578	3.1677358	21	1 19.5	20.8
375064 2007 QH	15.3	X	203.37571	0.63699	318.81402	16.77334	0.1592983	0.18044368	3.1015225	21	2 6.0	20.2
375065 2007 QS_{17}	15.7	X	88.76173	72.68578	337.03222	7.89999	0.1998403	0.17103788	3.2142120	21	2 5.3	19.9
375066 2007 RZ_{4}	16.8	X	154.46263	162.30864	242.87491	1.22259	0.0906773	0.19075786	2.9886915	21	3 27.8	21.1
375067 2007 RJ_{6}	15.8	X	145.06742	78.88209	277.61086	3.39501	0.1627242	0.17191712	3.2032436	21	1 28.9	20.7
375068 2007 RU_{14}	15.5	X	225.26966	299.92427	337.11032	15.51338	0.1666871	0.17618414	3.1513127	21	1 10.6	20.9
375069 2007 RE_{20}	16.1	X	124.78499	299.41976	106.21526	11.53245	0.1100064	0.17761153	3.1344062	21	3 4.5	20.8
375070 2007 RF_{31}	15.7	X	152.83026	87.69367	278.70547	8.30738	0.2322796	0.17646858	3.1479256	21	2 18.3	21.0
375071 2007 RM_{40}	16.0	X	114.87897	274.81825	107.72802	2.91303	0.1572451	0.16935936	3.2354144	21	1 28.9	20.6
375072 2007 RR_{40}	16.1	X	169.13827	246.35799	101.89171	3.02905	0.2137974	0.17543868	3.1602333	21	2 13.7	21.5
375073 2007 RC_{48}	16.5	X	119.20375	196.50556	182.74028	4.32184	0.1516960	0.16840912	3.2475734	21	1 27.9	21.2
375074 2007 RK_{59}	16.1	X	177.74060	186.51686	188.70501	6.02717	0.1082898	0.18206277	3.0831071	21	3 17.4	20.8
375075 2007 RR_{59}	15.8	X	143.06973	26.09585	325.41483	16.22977	0.1439463	0.17463321	3.1699433	21	1 22.5	20.7
375076 2007 RQ_{60}	15.5	X	167.25317	15.03415	313.46735	5.01211	0.1495294	0.17259375	3.1948662	21	1 17.1	20.5
375077 2007 RW_{60}	15.6	X	133.16371	55.68798	347.63135	26.33630	0.2463733	0.17572449	3.1568057	21	3 16.7	20.9
375078 2007 RQ_{61}	15.8	X	158.37895	25.80019	343.37988	9.99658	0.1080479	0.17861831	3.1226170	21	2 21.4	20.6
375079 2007 RD_{69}	15.6	X	142.50777	8.63415	359.95712	11.37426	0.0400601	0.17465762	3.1696479	21	1 31.2	20.3
375080 2007 RD_{73}	15.7	X	137.85632	37.66762	347.64880	10.04261	0.0745523	0.17723160	3.1388841	21	2 16.6	20.2
375081 2007 RY_{82}	15.5	X	313.40197	193.17680	353.40892	11.20886	0.0472389	0.17287824	3.1913603	21	1 5.4	20.2
375082 2007 RP_{111}	15.9	X	59.43982	121.73159	17.19167	6.74162	0.1119615	0.17930357	3.1146560	21	4 1.1	19.8
375083 2007 RQ_{135}	16.4	X	125.91787	162.27189	209.36514	5.08105	0.0632300	0.16862624	3.2447852	21	1 15.1	21.2
375084 2007 RJ_{172}	15.6	X	65.17583	89.55026	24.23178	10.19274	0.0571674	0.17578295	3.1561058	21	3 6.5	19.9
375085 2007 RR_{189}	18.3	X	202.40839	296.19753	136.46960	1.85709	0.1660124	0.26503052	2.4003365	21	6 16.8	21.9
375086 2007 RW_{191}	16.8	X	115.03636	274.72233	141.54361	1.77930	0.1679747	0.17332902	3.1858247	21	3 10.7	21.4
375087 2007 RC_{208}	15.8	X	56.48720	115.35322	15.59067	11.10395	0.0957694	0.17774766	3.1328056	21	3 18.0	19.8
375088 2007 RR_{212}	15.4	X	83.37410	65.86344	15.28720	12.84154	0.0554457	0.17395196	3.1782142	21	2 19.8	19.9
375089 2007 RA_{219}	16.4	X	205.29182	261.56398	59.65013	1.89865	0.1648117	0.17756940	3.1349020	21	2 10.4	21.6
375090 2007 RJ_{242}	15.4	X	107.01034	52.48446	355.75377	17.50382	0.1792860	0.17306098	3.1891133	21	2 25.6	20.0
375091 2007 RP_{291}	16.3	X	95.02959	134.18935	296.53047	0.49304	0.1684806	0.17339554	3.1850098	21	3 4.3	20.7
375092 2007 RC_{298}	15.5	X	123.75430	58.26863	8.04268	13.89640	0.0915001	0.17928817	3.1148343	21	3 22.8	20.0
375093 2007 RC_{310}	15.5	X	174.81974	306.07558	4.05728	25.05086	0.1699553	0.17266792	3.1939513	21	1 9.1	21.1
375094 2007 RD_{313}	15.8	X	157.35433	1.08863	356.83637	18.02971	0.2068730	0.17707694	3.1407115	21	2 19.2	21.1
375095 2007 RL_{317}	18.4	X	265.14442	27.19377	15.04854	1.31967	0.1899172	0.27224463	2.3577432	21	7 10.4	21.5
375096 2007 RM_{320}	16.1	X	122.65032	30.92995	45.92933	5.75299	0.1190879	0.17835031	3.1257444	21	4 7.3	20.6
375097 2007 RU_{321}	15.4	X	72.58516	137.31099	324.65587	8.14794	0.0508257	0.17647172	3.1478883	21	2 23.9	19.8
375098 2007 SL_{10}	16.1	X	109.66647	179.02125	242.09014	3.57477	0.1619296	0.17307044	3.1889971	21	3 7.7	20.7
375099 2007 TM_{1}	16.2	X	164.07955	169.88699	166.25385	1.55326	0.2658958	0.17579877	3.1559165	21	1 29.0	21.6
375100 2007 TU_{9}	15.8	X	145.74320	348.54344	22.98089	11.62769	0.1753557	0.17251638	3.1958213	21	2 22.2	21.0
375101 2007 TB_{44}	15.6	X	96.93033	339.96059	350.44250	7.53216	0.1397786	0.15347370	3.4549896	21	—	—
375102 2007 TT_{52}	18.7	X	198.01109	328.72476	26.79738	1.50298	0.1178284	0.32142867	2.1106342	21	2 25.9	21.3
375103 2007 TD_{71}	18.4	X	217.37016	220.74993	49.58307	49.75169	0.2797282	0.67567785	1.2862032	21	—	—
375104 2007 TL_{75}	15.9	X	166.66772	341.15705	17.18375	16.85837	0.0766479	0.17598529	3.1536862	21	2 21.4	20.9
375105 2007 TS_{79}	16.4	X	83.58582	7.07602	56.53910	2.78760	0.2117297	0.16531752	3.2879368	21	2 17.9	20.6
375106 2007 TT_{128}	15.6	X	88.03403	161.17594	221.25439	9.29249	0.0955686	0.15842311	3.3826497	21	—	—
375107 2007 TN_{130}	15.3	X	85.98024	192.15269	242.31610	18.90948	0.0915907	0.17043408	3.2217988	21	2 7.0	20.1
375108 2007 TE_{144}	16.3	X	184.67342	124.77896	233.06374	0.65881	0.2066317	0.17840885	3.1250606	21	3 6.9	21.7
375109 2007 TX_{170}	15.8	X	129.43522	141.49057	263.66405	7.97935	0.0885027	0.17425831	3.1744882	21	2 27.0	20.6
375110 2007 TX_{219}	16.1	X	145.87872	249.41867	148.26268	1.44580	0.1531550	0.17795857	3.1303299	21	3 17.6	20.8
375111 2007 TG_{255}	16.1	X	207.69229	53.10996	262.99806	4.87718	0.0750927	0.17246798	3.1964192	21	2 5.3	20.9
375112 2007 TD_{280}	16.0	X	147.36302	151.15407	171.18934	27.78652	0.1772311	0.16952003	3.2333697	21	—	—
375113 2007 TF_{284}	15.8	X	155.78202	149.15639	227.31057	9.54618	0.2298122	0.17617953	3.1513677	21	3 3.6	21.2
375114 2007 TP_{286}	16.4	X	137.68747	44.61089	308.27688	6.15516	0.0896794	0.17169912	3.2059543	21	1 10.6	21.1
375115 2007 TK_{294}	16.1	X	351.39710	322.50327	208.02660	5.94104	0.0584748	0.17378994	3.1801893	21	1 28.9	20.4
375116 2007 TO_{308}	16.0	X	42.44774	98.14081	38.13333	16.75671	0.1065506	0.17110888	3.2133227	21	3 12.2	20.3
375117 2007 TW_{339}	15.7	X	103.40541	239.79678	162.29479	17.21067	0.1074924	0.17258362	3.1949912	21	1 29.4	20.3
375118 2007 TW_{410}	15.8	X	172.27508	352.07262	99.49242	13.10475	0.1780649	0.18674632	3.0313402	21	6 15.2	20.8
375119 2007 TS_{440}	15.9	X	186.38830	121.12343	225.60707	11.34042	0.1534324	0.17672733	3.1448522	21	2 18.5	21.2
375120 2007 TU_{446}	15.5	X	207.11989	283.59989	57.25876	12.87244	0.1362484	0.17888214	3.1195460	21	3 12.4	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375121 2007 TB_{451}	15.7	X	148.94469	142.52997	226.98884	18.40597	0.1339517	0.17210593	3.2009003	21	2 7.8	21.0
375122 2007 UR_{25}	17.7	X	78.81275	169.62669	127.86186	1.07633	0.2264200	0.28711182	2.2756319	21	12 12.6	21.0
375123 2007 UX_{77}	16.2	X	71.23067	284.78997	221.82003	8.98835	0.1802368	0.17833369	3.1259387	21	5 8.2	20.1
375124 2007 UC_{119}	16.7	X	119.01079	254.25062	167.54627	1.19667	0.2002870	0.17410681	3.1763295	21	3 24.9	21.6
375125 2007 VH_{127}	16.1	X	81.54892	84.17031	9.78947	18.47894	0.1450797	0.17349699	3.1837681	21	3 16.0	20.4
375126 2007 VY_{184}	18.4	X	172.12888	293.32212	54.65039	4.59820	0.2164813	0.31447395	2.1416390	21	1 30.0	21.5
375127 2007 VZ_{184}	17.8	X	275.03624	179.80087	195.66942	0.83997	0.1895233	0.26666339	2.3905277	21	6 15.2	20.7
375128 2007 VR_{218}	17.7	X	169.76405	243.63152	44.46962	4.11355	0.1673439	0.29790701	2.2203200	21	—	—
375129 2007 VM_{250}	18.3	X	174.38164	29.83114	299.28428	5.96332	0.2364631	0.31272006	2.1496391	21	1 8.9	21.3
375130 2007 VH_{266}	17.7	X	345.30121	283.87389	234.72786	6.86334	0.0752032	0.30240572	2.1982448	21	—	—
375131 2007 VL_{300}	15.4	X	176.42523	310.63496	59.76995	13.31499	0.1589658	0.17717119	3.1395975	21	3 20.4	20.7
375132 2007 WR_{39}	15.8	X	79.29009	172.94490	210.00170	11.75392	0.1045157	0.15608306	3.4163750	21	—	—
375133 2007 WS_{49}	15.3	X	95.43807	290.50265	77.63899	10.59077	0.1300084	0.15558595	3.4236483	21	—	—
375134 2007 WU_{57}	17.6	X	7.64516	308.80260	152.11077	5.83428	0.1675485	0.28373431	2.2936553	21	—	—
375135 2007 YF_{54}	18.0	X	120.14984	35.52515	18.03584	4.57525	0.0705433	0.30693657	2.1765582	21	2 6.2	20.3
375136 2007 YF_{70}	18.1	X	204.25979	142.14525	137.67771	1.68943	0.0399424	0.29443602	2.2377355	21	—	—
375137 2007 YA_{74}	17.4	X	74.08046	134.46037	283.37531	6.41048	0.0423916	0.29548922	2.2324151	21	—	—
375138 2008 AK_{11}	17.4	X	46.30041	326.22060	146.10355	4.41516	0.1262044	0.22768810	2.6560882	21	1 24.4	20.3
375139 2008 AF_{31}	17.6	X	100.46422	52.24096	18.96380	5.00795	0.1275258	0.30606889	2.1806699	21	2 11.3	19.7
375140 2008 AU_{43}	18.5	X	134.73699	270.21957	137.85206	1.13402	0.1750627	0.30695661	2.1764635	21	3 5.3	21.2
375141 2008 AS_{76}	17.5	X	109.94612	191.11899	97.31186	6.12959	0.0904901	0.27550493	2.3391055	21	12 20.6	20.9
375142 2008 AC_{80}	18.1	X	45.02197	336.28941	154.24366	1.47956	0.1762283	0.30223142	2.1990899	21	1 25.3	19.5
375143 2008 AL_{118}	17.3	X	163.81527	288.32792	336.26268	5.50430	0.0800360	0.27407933	2.3472096	21	—	—
375144 2008 AO_{134}	17.5	X	283.12605	160.58897	7.03187	6.07302	0.1527998	0.28447125	2.2896923	21	—	—
375145 2008 AK_{137}	17.6	X	73.23817	153.20104	281.04972	5.42409	0.0898942	0.29824294	2.2186524	21	—	—
375146 2008 BD_{11}	18.4	X	91.67838	136.82832	293.66843	0.66105	0.1371297	0.30479017	2.1867648	21	1 25.3	20.4
375147 2008 BR_{22}	17.2	X	75.90872	292.21771	150.42554	8.92862	0.1208790	0.29836336	2.2180554	21	1 13.3	19.3
375148 2008 BQ_{25}	17.8	X	209.56890	326.16720	297.34238	3.45005	0.1213393	0.28908910	2.2652436	21	—	—
375149 2008 BA_{46}	18.3	X	85.91139	190.96368	242.37866	1.22451	0.1278840	0.30048798	2.2075878	21	1 18.7	20.1
375150 2008 CD_{11}	17.6	X	307.15001	45.63403	114.33221	5.64612	0.1117589	0.28584740	2.2823376	21	—	—
375151 2008 CN_{24}	17.0	X	16.18792	268.32251	335.78043	29.26119	0.2331414	0.23701931	2.5859109	21	6 14.9	20.0
375152 2008 CZ_{34}	17.5	X	42.81887	314.68289	138.89818	5.07635	0.1277038	0.29437757	2.2380317	21	—	—
375153 2008 CS_{39}	17.8	X	126.17057	106.42980	159.42143	2.56793	0.1979256	0.26743861	2.3859059	21	12 10.4	21.8
375154 2008 CO_{43}	17.3	X	83.03831	287.96461	92.83866	4.66819	0.2040972	0.28636418	2.2795909	21	—	—
375155 2008 CR_{87}	18.0	X	94.52465	330.73440	96.64308	4.73442	0.1397467	0.29896375	2.2150848	21	1 28.7	19.9
375156 2008 CZ_{116}	17.8	X	351.78173	94.90303	19.11747	7.36678	0.0594799	0.28605825	2.2812159	21	—	—
375157 2008 CA_{132}	17.5	X	51.47293	111.75949	345.91488	4.95868	0.1049340	0.29570002	2.2313540	21	—	—
375158 2008 CG_{138}	17.5	X	197.74374	194.38429	25.75717	3.26473	0.1227280	0.27188729	2.3598086	21	12 25.0	20.7
375159 2008 CX_{139}	17.5	X	29.53205	177.93914	299.24963	5.16490	0.0952882	0.29359098	2.2420274	21	—	—
375160 2008 CN_{140}	18.3	X	8.91622	124.81421	331.58059	2.34646	0.1356923	0.28625101	2.2801917	21	—	—
375161 2008 CS_{153}	17.8	X	321.16126	45.62408	65.91279	3.44949	0.0093666	0.27702894	2.3305189	21	—	—
375162 2008 CM_{159}	18.0	X	353.39080	52.48437	57.36041	3.68340	0.2014794	0.28641482	2.2793222	21	—	—
375163 2008 CM_{162}	17.6	X	116.35853	228.51105	22.09612	1.27109	0.1577521	0.26193473	2.4192124	21	11 10.7	21.4
375164 2008 CF_{179}	17.1	X	281.41971	99.57449	78.64725	7.70860	0.1476369	0.28172877	2.3045276	21	—	—
375165 2008 CH_{179}	16.6	X	268.96571	114.14528	88.22469	6.74190	0.0736340	0.28291426	2.2980853	21	—	—
375166 2008 CZ_{194}	17.6	X	166.08139	234.67415	5.61939	2.70370	0.1212293	0.26491617	2.4010272	21	12 15.6	21.1
375167 2008 CX_{196}	17.6	X	143.54788	43.19959	222.54805	1.00618	0.1633216	0.27088382	2.3656329	21	12 25.3	21.2
375168 2008 CO_{212}	18.0	X	189.06937	35.72427	170.98946	1.43988	0.1301169	0.26886743	2.3774456	21	11 27.5	21.4
375169 2008 CG_{213}	17.0	X	225.54624	261.10158	286.20515	5.31983	0.0711665	0.27368343	2.3494726	21	12 23.7	19.7
375170 2008 CV_{214}	17.7	X	302.79933	314.12594	223.43680	3.95315	0.0915825	0.28516165	2.2859951	21	—	—
375171 2008 CG_{215}	17.3	X	315.10595	137.82790	344.59147	19.04026	0.0385135	0.28066309	2.3103575	21	—	—
375172 2008 CS_{215}	17.1	X	82.90634	313.96422	2.65671	5.85604	0.0902303	0.26367612	2.4085492	21	12 24.6	20.5
375173 2008 DV_{4}	17.4	X	310.57315	18.46354	109.03801	3.05702	0.1520730	0.28103097	2.3083408	21	—	—
375174 2008 DD_{9}	17.1	X	73.69906	158.23071	148.86173	10.83585	0.1359961	0.26834050	2.3805569	21	12 9.4	20.7
375175 2008 DA_{17}	17.5	X	236.69565	4.99095	183.61454	1.31515	0.1210932	0.27258740	2.3557662	21	—	—
375176 Béziau	17.4	X	100.94067	236.78120	108.06059	7.02342	0.1281208	0.28184360	2.3039016	21	—	—
375177 2008 DN_{23}	17.8	X	140.83091	321.46650	304.51221	0.61536	0.1585195	0.26822855	2.3812192	21	12 22.8	21.3
375178 2008 DR_{27}	17.9	X	182.69481	172.10845	102.03675	3.36936	0.1333841	0.28429186	2.2906554	21	—	—
375179 2008 DS_{36}	15.4	X	286.24758	175.71192	300.22775	1.07644	0.1611991	0.12382223	3.9866088	21	11 1.8	20.8
375180 2008 DB_{38}	17.4	X	306.94547	251.62891	259.93420	1.41541	0.1101253	0.27986675	2.3147381	21	—	—
375181 2008 DS_{53}	18.1	X	289.26269	277.45986	226.39357	1.40483	0.1196903	0.27615431	2.3354370	21	—	—
375182 2008 DU_{55}	17.2	X	274.34335	339.43948	185.48110	11.78079	0.1911636	0.27589643	2.3368921	21	—	—
375183 2008 DV_{63}	17.9	X	49.30671	321.11298	116.89973	3.40922	0.1456433	0.29144606	2.2530142	21	—	—
375184 2008 DM_{73}	17.8	X	294.77417	283.55144	242.48944	1.97519	0.1096943	0.28247629	2.3004601	21	—	—
375185 2008 DO_{75}	17.0	X	118.67921	311.17404	349.83218	6.43668	0.1135207	0.27254905	2.3559872	21	—	—
375186 2008 DA_{76}	18.2	X	349.18500	125.03839	358.25546	5.93646	0.1527831	0.28717481	2.2752991	21	—	—
375187 2008 DM_{82}	17.4	X	62.01464	15.10564	39.27251	7.56201	0.1836709	0.28598412	2.2816101	21	—	—
375188 2008 DT_{82}	18.0	X	56.36685	28.62807	73.21490	3.49969	0.1303901	0.29432198	2.2383135	21	1 7.4	19.6
375189 2008 DY_{84}	18.1	X	56.08913	44.10113	36.86506	4.38397	0.1831406	0.29121221	2.2542201	21	—	—
375190 2008 DR_{88}	17.3	X	206.96979	258.41739	307.27465	4.10069	0.1347509	0.27059973	2.3672883	21	12 15.1	20.5
375191 2008 EE_{1}	17.2	X	197.23190	202.65933	17.95394	5.73359	0.1812333	0.26948026	2.3738398	21	12 18.0	20.8
375192 2008 EF_{14}	17.4	X	122.22837	84.82256	130.95046	6.99369	0.1201906	0.25385965	2.4702463	21	10 3.6	21.1
375193 2008 EW_{22}	17.7	X	35.06374	358.07677	130.76292	2.12306	0.0815487	0.29670520	2.2263116	21	1 8.3	19.6
375194 2008 EM_{29}	17.7	X	37.14350	42.36474	45.70427	3.66107	0.1880980	0.28641897	2.2793002	21	—	—
375195 2008 EZ_{31}	17.7	X	106.81947	155.98182	274.70696	3.88053	0.1775325	0.30358948	2.1925268	21	2 25.6	19.9
375196 2008 EC_{33}	17.9	X	75.53457	348.86712	63.89716	5.77051	0.1712298	0.29040321	2.2584047	21	—	—
375197 2008 EJ_{33}	16.8	X	160.32721	263.56609	2.73321	6.86458	0.0976900	0.27045509	2.3681322	21	—	—
375198 2008 EZ_{38}	17.7	X	3.04034	323.63494	133.40614	5.70632	0.1142750	0.28372759	2.2936915	21	—	—
375199 2008 EH_{40}	16.7	X	261.90932	349.19035	185.19932	24.85808	0.1667987	0.27536253	2.3399118	21	—	—
375200 2008 EC_{70}	17.9	X	54.70248	191.36817	273.89375	4.73111	0.1481753	0.30000756	2.2099439	21	1 6.8	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375201 2008 EK_{74}	17.7	X	179.68535	92.90411	128.58888	5.35792	0.0698119	0.26627528	2.3928500	21	12 11.1	21.1
375202 2008 EE_{90}	17.3	X	84.34000	281.77559	39.16389	8.40394	0.0982155	0.26991849	2.3712697	21	—	—
375203 2008 EB_{96}	17.7	X	13.15056	106.25373	30.08615	7.69114	0.0705160	0.29278397	2.2461453	21	—	—
375204 2008 EO_{98}	17.2	X	334.26594	197.55504	350.11174	5.88344	0.0959714	0.29638038	2.2279379	21	—	—
375205 2008 EA_{102}	17.3	X	163.84473	112.01609	123.90259	6.63309	0.1044016	0.26780943	2.3837030	21	12 10.2	20.9
375206 2008 EG_{111}	17.4	X	327.67092	26.15079	99.98854	5.70747	0.1045108	0.28118875	2.3074772	21	—	—
375207 2008 EB_{117}	18.1	X	17.90687	79.60552	23.54513	2.01770	0.1626024	0.28656353	2.2785336	21	—	—
375208 2008 ED_{121}	17.9	X	288.55755	129.00196	33.36379	2.74577	0.1653097	0.27883249	2.3204585	21	—	—
375209 2008 EC_{135}	17.8	X	142.45782	230.80609	23.09067	6.90048	0.0789903	0.26421966	2.4052449	21	12 8.6	21.3
375210 2008 EG_{148}	18.0	X	326.06988	142.22445	340.59886	1.92399	0.1483189	0.27995338	2.3142605	21	—	—
375211 2008 EQ_{163}	13.6	X	340.93958	247.18570	19.10957	32.31742	0.0520020	0.08378961	5.1722075	21	5 9.9	20.5
375212 2008 FA_{3}	17.1	X	222.59200	258.78155	349.23606	6.61684	0.0772289	0.28189775	2.3036066	21	—	—
375213 2008 FX_{11}	17.7	X	83.86736	109.09201	164.36396	4.19383	0.1674749	0.25833230	2.4416510	21	11 9.2	21.3
375214 2008 FQ_{12}	17.3	X	91.99160	270.65007	344.47328	7.34721	0.1096606	0.25716759	2.4490175	21	10 15.0	20.7
375215 2008 FJ_{15}	17.0	X	43.65184	192.82203	128.53307	6.95918	0.0561305	0.25455624	2.4657377	21	11 8.1	20.2
375216 2008 FR_{26}	17.7	X	195.67434	232.98295	334.04423	0.99339	0.1305638	0.26377971	2.4079186	21	12 3.6	21.0
375217 2008 FS_{26}	17.2	X	199.85050	195.63896	16.23762	3.11498	0.1289543	0.26535367	2.3983873	21	12 14.6	20.5
375218 2008 FE_{35}	17.4	X	40.10349	247.67260	170.08037	5.47267	0.1891857	0.28456324	2.2891988	21	—	—
375219 2008 FX_{42}	18.1	X	2.64516	255.99365	191.24411	2.27057	0.1723633	0.28206882	2.3026751	21	—	—
375220 2008 FN_{46}	18.3	X	54.58206	42.96934	42.84657	2.01264	0.2053696	0.29394689	2.2402172	21	—	—
375221 2008 FD_{50}	17.2	X	96.38354	259.90137	19.86619	6.79441	0.1137986	0.25814998	2.4428004	21	11 22.3	20.7
375222 2008 FE_{51}	17.0	X	132.30333	199.48956	138.95915	2.72804	0.0802264	0.20500600	2.8485576	21	—	—
375223 2008 FV_{52}	17.6	X	21.21605	114.99282	171.17693	4.93505	0.1671521	0.24148823	2.5539089	21	8 25.2	20.0
375224 2008 FG_{54}	17.5	X	183.14784	167.16207	57.74681	3.20810	0.0828293	0.26513751	2.3996907	21	12 17.4	20.8
375225 2008 FN_{57}	17.2	X	9.28904	152.11152	158.01423	2.96859	0.2177610	0.24022346	2.5628652	21	9 14.1	19.1
375226 2008 FU_{65}	17.8	X	342.41406	308.68959	168.86630	2.54705	0.1749677	0.27937980	2.3174269	21	—	—
375227 2008 FP_{68}	17.5	X	181.37722	28.87603	169.17651	3.25637	0.1417895	0.25960519	2.4336632	21	11 7.4	21.2
375228 2008 FK_{77}	17.9	X	359.74289	266.16713	197.18659	0.96549	0.1602263	0.28302449	2.2974886	21	—	—
375229 2008 FE_{83}	17.0	X	57.44338	191.48321	153.68342	5.39510	0.1231873	0.26341231	2.4101570	21	—	—
375230 2008 FJ_{87}	18.1	X	329.55759	103.75442	20.85133	5.17318	0.0754216	0.27888176	2.3201851	21	—	—
375231 2008 FZ_{93}	13.6	X	73.17725	349.92289	191.12144	17.03372	0.0442074	0.08364328	5.1782380	21	6 8.2	20.6
375232 2008 FA_{99}	17.2	X	16.28693	293.53465	97.28332	7.29475	0.0925402	0.26493274	2.4009270	21	—	—
375233 2008 FS_{101}	17.6	X	314.67165	7.44804	116.08783	5.15301	0.0874088	0.27260937	2.3556397	21	—	—
375234 2008 FX_{103}	17.3	X	54.94170	193.97067	76.25052	7.16805	0.1475238	0.24354820	2.5394876	21	9 29.5	20.6
375235 2008 FB_{112}	17.5	X	74.51080	339.64718	35.13294	5.89384	0.0397291	0.27583605	2.3372331	21	—	—
375236 2008 FN_{116}	17.2	X	317.71486	203.46769	204.63538	5.10999	0.0919160	0.25660457	2.4525985	21	10 25.7	19.6
375237 2008 FA_{136}	13.7	X	23.75123	190.45212	60.24530	6.33145	0.0302943	0.08360896	5.1796549	21	6 26.9	20.4
375238 2008 GW_{1}	17.5	X	231.31043	265.33771	285.06746	2.85621	0.1601510	0.26966346	2.3727646	21	12 20.9	20.6
375239 2008 GX_{8}	18.0	X	47.52356	31.24604	72.55012	3.07951	0.1334282	0.29163392	2.2520465	21	—	—
375240 2008 GL_{9}	17.2	X	336.51388	298.09753	37.33011	12.96339	0.2890091	0.23733704	2.5836025	21	7 28.9	19.3
375241 2008 GM_{11}	12.8	X	330.02341	255.98624	41.53380	28.15108	0.0100391	0.08306823	5.2021086	21	6 10.8	19.9
375242 2008 GP_{28}	17.7	X	281.89871	12.84258	147.28083	2.74173	0.1486086	0.27562088	2.3384494	21	—	—
375243 2008 GF_{32}	17.2	X	22.75154	149.29923	98.91071	7.27552	0.1671917	0.23378146	2.6097326	21	6 30.5	19.6
375244 2008 GV_{36}	13.8	X	50.74828	6.19851	198.24701	20.49919	0.0750433	0.08206597	5.2443781	21	6 10.9	20.7
375245 2008 GX_{44}	16.8	X	51.38001	146.28057	219.15446	12.16847	0.0471925	0.26536100	2.3983431	21	—	—
375246 2008 GH_{51}	17.9	X	324.27928	59.41999	42.12177	3.47818	0.1624211	0.27440683	2.3453416	21	—	—
375247 2008 GG_{54}	17.0	X	319.67090	273.96363	35.52011	13.14389	0.2777981	0.22846935	2.6500298	21	5 3.8	20.1
375248 2008 GJ_{67}	16.9	X	57.07197	5.97780	46.60905	7.35330	0.0950983	0.27744846	2.3281690	21	—	—
375249 2008 GO_{67}	17.0	X	13.45593	185.56701	198.56481	11.13312	0.0810604	0.26127707	2.4232703	21	12 21.9	20.1
375250 2008 GQ_{69}	17.1	X	160.55024	112.49007	96.13383	7.85440	0.1240460	0.25479629	2.4641888	21	11 2.5	20.9
375251 2008 GE_{82}	16.7	X	356.53788	207.63827	67.21664	7.45206	0.2708751	0.23154129	2.6265384	21	6 8.0	18.2
375252 2008 GH_{89}	13.2	X	41.29582	179.91186	35.77075	14.60036	0.0107627	0.08474114	5.1334167	21	6 3.7	20.1
375253 2008 GO_{91}	14.2	X	303.46324	130.69388	193.10462	8.50399	0.0285374	0.08648549	5.0641578	21	6 13.9	21.0
375254 2008 GQ_{91}	18.1	X	59.30269	56.10926	41.21724	4.53429	0.1822127	0.29243142	2.2479502	21	1 9.5	19.5
375255 2008 GU_{91}	17.6	X	278.22471	336.81811	177.48277	3.80734	0.0895836	0.27247278	2.3564269	21	—	—
375256 2008 GL_{94}	16.9	X	283.38588	314.82025	191.54265	22.81577	0.1826470	0.27415977	2.3467504	21	—	—
375257 2008 GW_{100}	13.4	X	354.24412	218.70397	50.67183	13.60770	0.1150528	0.08163913	5.2626416	21	6 9.0	19.8
375258 2008 GS_{105}	16.9	X	353.75018	254.89411	111.29792	3.57716	0.2070557	0.25507834	2.4623720	21	11 9.4	18.9
375259 2008 GL_{115}	13.4	X	290.44025	284.38934	47.78572	30.83902	0.0807324	0.08356948	5.1812864	21	5 26.6	20.3
375260 2008 GC_{116}	17.6	X	303.16265	27.29405	113.19810	5.56435	0.1059934	0.27394115	2.3479988	21	—	—
375261 2008 GN_{117}	17.0	X	4.05608	180.47440	144.38191	5.48814	0.2277272	0.24162886	2.5529179	21	9 28.8	19.0
375262 2008 GT_{130}	17.4	X	3.10313	188.23211	118.08458	5.37165	0.1236467	0.23919146	2.5702317	21	8 17.4	19.9
375263 2008 GC_{131}	17.4	X	25.71084	143.12179	133.50497	2.62392	0.2151665	0.23643153	2.5901950	21	8 27.7	19.7
375264 2008 GR_{139}	17.4	X	11.34047	45.05552	32.87363	6.46741	0.0896282	0.27444806	2.3451067	21	—	—
375265 2008 GJ_{141}	13.3	X	14.98266	205.30542	57.42991	25.88717	0.0449665	0.08260647	5.2214768	21	6 28.1	20.2
375266 2008 GV_{141}	13.6	X	166.72205	320.73590	131.28245	12.73197	0.0470016	0.08185423	5.2534182	21	6 10.5	20.8
375267 2008 GJ_{143}	16.6	X	111.33981	188.88764	68.52366	16.80515	0.0784769	0.25555107	2.4593344	21	11 11.8	20.2
375268 2008 HA_{7}	17.7	X	136.93296	249.48171	8.62455	5.88446	0.0881338	0.26449345	2.4035847	21	12 8.1	21.3
375269 2008 HY_{11}	17.2	X	42.00804	101.49131	189.67292	12.12360	0.1342609	0.24355587	2.5394343	21	10 3.2	19.9
375270 2008 HL_{16}	16.1	X	320.12487	222.73939	87.62343	13.89174	0.1666989	0.22937395	2.6430578	21	5 28.4	19.1
375271 2008 HC_{22}	16.7	X	261.64527	289.73923	161.18338	13.31666	0.1604747	0.25187085	2.4832328	21	9 16.4	19.8
375272 2008 HE_{38}	16.1	X	335.23175	244.85287	72.36767	13.96343	0.2729239	0.23175381	2.6249324	21	6 18.8	18.2
375273 2008 HA_{42}	16.9	X	78.55271	202.38857	44.20658	13.06324	0.1348056	0.24387747	2.5372013	21	9 28.5	20.5
375274 2008 HD_{47}	16.4	X	312.22785	202.16688	97.04152	11.89336	0.3435947	0.22258042	2.6965682	21	4 6.6	20.2
375275 2008 HP_{51}	16.9	X	321.24388	113.92239	225.30218	15.58140	0.2626309	0.23318420	2.6141869	21	6 22.3	19.8
375276 2008 HJ_{54}	16.6	X	328.14519	2.08003	72.08615	7.25737	0.0868439	0.26099053	2.4250436	21	12 20.4	19.2
375277 2008 HF_{58}	17.1	X	66.38455	126.23158	212.70227	5.29588	0.1241500	0.26416891	2.4055529	21	—	—
375278 2008 HM_{61}	17.3	X	66.51342	216.43884	43.20773	5.85472	0.1054964	0.24349333	2.5398691	21	9 22.7	20.7
375279 2008 HT_{67}	16.8	X	26.43379	60.96665	199.44600	13.45739	0.1332921	0.23336443	2.6128407	21	7 19.4	20.0
375280 2008 HA_{68}	16.2	X	341.77216	192.92310	156.61545	14.49185	0.3249665	0.23766118	2.5812528	21	9 5.8	17.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375281 2008 JT_{36}	17.1	X	229.90410	279.50624	210.43609	5.56636	0.0751807	0.25153107	2.4854687	21	10 8.7	20.4
375282 2008 KH_{2}	17.0	X	345.21457	178.67544	166.66240	13.44172	0.2139673	0.23926180	2.5697279	21	9 10.2	18.9
375283 2008 KZ_{12}	17.4	X	34.11180	122.43323	145.22218	2.49995	0.1655339	0.23718657	2.5846951	21	8 21.9	20.2
375284 2008 KJ_{20}	17.6	X	100.76574	86.37056	142.20214	4.85355	0.0703466	0.24472408	2.5313464	21	9 18.6	21.0
375285 2008 KT_{27}	17.1	X	48.35433	98.66031	162.52973	6.15089	0.1672109	0.23972613	2.5664086	21	9 5.9	20.0
375286 2008 KG_{37}	16.6	X	350.50005	123.97161	210.39704	13.17018	0.1876795	0.23757069	2.5819083	21	8 30.3	19.2
375287 2008 KM_{40}	16.8	X	358.39154	192.11432	111.15734	8.49791	0.1927297	0.23323825	2.6137830	21	8 4.8	18.9
375288 2008 LE_{1}	17.6	X	26.05931	92.70003	196.19224	14.04513	0.1121807	0.24014272	2.5634397	21	8 27.6	20.7
375289 2008 LL_{5}	16.9	X	29.35097	106.51953	206.16234	15.77817	0.1924214	0.24206801	2.5498294	21	10 22.9	19.8
375290 2008 LB_{13}	16.5	X	333.98329	185.03048	89.03047	10.76523	0.1571868	0.22476402	2.6790749	21	5 4.3	19.6
375291 2008 LR_{13}	17.4	X	38.67781	57.83882	188.24970	11.67367	0.1544923	0.23330614	2.6132760	21	7 24.2	20.6
375292 2008 LH_{16}	16.3	X	261.14685	66.75927	285.30784	10.61435	0.3055716	0.21415840	2.7668098	21	4 16.4	21.1
375293 2008 OL_{1}	16.3	X	279.11888	357.99203	323.65030	7.42196	0.2125087	0.21259266	2.7803782	21	4 6.5	20.5
375294 2008 OU_{3}	16.4	X	277.45084	173.58547	165.26256	5.47540	0.1683898	0.21446907	2.7641372	21	5 7.1	20.3
375295 2008 OP_{9}	16.2	X	252.15186	222.76201	135.98586	17.70688	0.2475405	0.21219740	2.7838298	21	5 2.9	21.1
375296 2008 PH_{7}	16.5	X	278.36624	67.16949	259.60089	6.63697	0.2106469	0.21345232	2.7729080	21	4 13.2	20.8
375297 2008 PQ_{7}	16.7	X	54.22300	334.96621	290.13611	10.91783	0.1700515	0.23211515	2.6222075	21	9 13.2	20.2
375298 2008 PP_{10}	16.3	X	279.61999	194.20178	140.58754	15.26570	0.1923253	0.21421093	2.7663575	21	5 5.1	20.6
375299 2008 PZ_{10}	16.2	X	281.19288	334.71727	5.75972	18.10480	0.2284258	0.21770243	2.7367000	21	4 27.1	20.4
375300 2008 PN_{16}	16.7	X	294.33832	158.97941	180.89104	14.43098	0.2452899	0.21779271	2.7359437	21	5 18.5	20.6
375301 2008 PS_{16}	16.2	X	267.80755	149.15500	182.45029	9.95720	0.2478220	0.21006533	2.8026345	21	4 8.5	20.6
375302 2008 PJ_{21}	16.7	X	238.70150	268.37364	79.23836	7.68096	0.3486329	0.20571669	2.8419932	21	4 1.4	22.0
375303 2008 QU_{12}	16.1	X	259.14266	21.35372	331.89110	13.31642	0.2020579	0.21175787	2.7876806	21	4 23.9	20.8
375304 2008 QM_{21}	16.2	X	188.00232	90.29143	313.94420	13.90199	0.1541633	0.20404493	2.8574952	21	4 24.4	21.2
375305 2008 QR_{21}	15.6	X	167.92469	175.64490	220.59880	8.55228	0.0841911	0.19927810	2.9028839	21	3 28.3	20.0
375306 2008 QT_{33}	16.2	X	230.39102	220.53519	172.41108	8.60695	0.0872153	0.21051808	2.7986147	21	6 1.6	20.5
375307 2008 QT_{39}	16.9	X	206.36159	152.96392	234.95324	1.02648	0.0827239	0.20260859	2.8709842	21	4 29.1	21.1
375308 2008 RV_{10}	16.6	X	268.69315	354.47455	11.00210	5.30064	0.1253731	0.21314216	2.7755974	21	6 3.7	20.7
375309 2008 RJ_{17}	16.5	X	231.90726	279.92588	344.35152	11.97832	0.1865397	0.18713972	3.0270904	21	—	—
375310 2008 RR_{18}	16.3	X	126.81512	212.13434	193.43289	11.13354	0.0841082	0.18997576	2.9968885	21	2 23.1	20.8
375311 2008 RM_{26}	16.0	X	65.92766	19.60594	169.99541	12.62600	0.0600826	0.20937659	2.8087773	21	6 8.1	19.9
375312 2008 RY_{34}	17.0	X	303.66893	118.81496	181.38381	8.99134	0.1671982	0.20984366	2.8046078	21	4 20.3	20.7
375313 2008 RD_{39}	16.8	X	237.37923	221.64071	171.81980	5.77206	0.0354921	0.21150169	2.7899312	21	6 14.8	20.8
375314 2008 RG_{41}	17.4	X	190.00172	29.67703	12.45017	2.82259	0.1872881	0.20084047	2.8878097	21	4 29.8	22.2
375315 2008 RG_{48}	15.9	X	329.23994	274.11033	34.63984	7.38042	0.1784363	0.21838012	2.7310354	21	6 7.3	18.8
375316 2008 RK_{62}	16.5	X	163.16640	50.63983	0.82903	11.31089	0.0443616	0.20011509	2.8947839	21	4 7.8	20.7
375317 2008 RC_{69}	16.3	X	201.66087	330.99559	356.72927	20.89030	0.1394240	0.19056222	2.9907367	21	2 19.1	21.3
375318 2008 RO_{79}	16.3	X	270.73123	345.99087	26.89204	5.68626	0.1805699	0.21628217	2.7486677	21	6 8.4	20.3
375319 2008 RK_{82}	16.6	X	71.12798	277.28760	295.26633	4.24081	0.1320225	0.22047120	2.7137394	21	7 26.4	20.0
375320 2008 RW_{83}	16.2	X	106.03960	244.80839	173.13689	14.21969	0.1169517	0.19006592	2.9959407	21	2 18.9	20.4
375321 2008 RV_{87}	16.4	X	138.39448	156.57786	223.34009	9.15331	0.0999183	0.18558775	3.0439430	21	2 7.0	21.0
375322 2008 RJ_{98}	16.3	X	159.92671	44.39031	312.77968	9.26845	0.0795026	0.18946776	3.0022430	21	2 3.6	20.8
375323 2008 RQ_{101}	16.5	X	267.15506	131.67625	177.42826	10.14384	0.0628201	0.20192643	2.8774466	21	4 1.2	20.6
375324 2008 RA_{102}	16.8	X	272.71941	286.76095	4.34262	12.96114	0.0610572	0.19901558	2.9054361	21	3 17.3	20.8
375325 2008 RZ_{102}	16.7	X	176.48348	238.88768	208.40116	6.23676	0.0970657	0.20692599	2.8309097	21	6 11.6	21.1
375326 2008 RY_{107}	16.9	X	316.40275	246.23149	4.96819	1.78548	0.0134438	0.20266862	2.8704173	21	3 26.6	20.9
375327 2008 RM_{117}	16.5	X	256.03008	193.76501	192.75149	6.06878	0.0428815	0.21548722	2.7554236	21	6 27.8	20.3
375328 2008 RN_{117}	16.4	X	232.74713	137.24799	188.90253	9.87053	0.0711689	0.19905119	2.9050896	21	3 11.9	20.8
375329 2008 RJ_{130}	16.4	X	358.83891	304.70878	199.68599	8.90924	0.0597355	0.17580290	3.1558670	21	1 7.1	20.7
375330 2008 RZ_{131}	16.1	X	247.83213	255.36385	114.92726	5.07445	0.1254593	0.21043527	2.7993489	21	5 19.2	20.3
375331 2008 RR_{136}	16.0	X	39.71738	183.00098	21.39786	15.40417	0.0768563	0.20530577	2.8457841	21	5 16.3	19.7
375332 2008 RD_{142}	16.0	X	134.95269	112.46218	276.82635	7.90495	0.0480954	0.18892580	3.0079818	21	2 8.4	20.3
375333 2008 RJ_{143}	16.9	X	222.48462	2.87344	20.41464	2.09002	0.0742271	0.20615542	2.8379597	21	5 10.8	21.1
375334 2008 RF_{145}	17.0	X	84.43887	104.46546	33.61237	2.26818	0.0132633	0.20055468	2.8905524	21	4 18.6	20.8
375335 2008 SN	16.4	X	240.28894	56.39693	310.14197	11.66773	0.1172582	0.21105878	2.7938329	21	4 30.9	20.9
375336 2008 SV	16.1	X	223.52083	321.27713	57.64429	10.10322	0.1194813	0.20671836	2.8328050	21	5 5.2	20.6
375337 2008 SM_{3}	16.1	X	241.49839	248.56477	170.66960	13.00285	0.1628291	0.21490090	2.7604331	21	7 7.9	20.5
375338 2008 SN_{8}	16.2	X	211.52838	98.47970	328.19537	8.12371	0.1453529	0.21254892	2.7807596	21	6 19.7	20.7
375339 2008 SN_{20}	16.1	X	103.80030	91.04782	356.17386	10.06668	0.0648216	0.19196858	2.9761120	21	3 18.1	20.0
375340 2008 SZ_{20}	16.6	X	112.97387	329.63527	180.56525	8.86549	0.0998209	0.21349097	2.7725734	21	6 22.1	20.7
375341 2008 SL_{21}	16.7	X	229.62698	141.01065	321.41725	4.93986	0.2065494	0.22294238	2.6936488	21	8 16.8	20.8
375342 2008 SU_{27}	16.7	X	255.99905	308.70525	26.29403	2.18670	0.0682230	0.20345557	2.8630109	21	4 18.9	20.7
375343 2008 SJ_{30}	16.4	X	257.43372	189.25045	174.70860	9.48296	0.2040649	0.21314605	2.7755637	21	5 13.8	20.9
375344 2008 SV_{31}	16.7	X	304.08704	104.31786	229.29341	6.63875	0.2326635	0.21482418	2.7610903	21	5 23.4	20.2
375345 2008 SZ_{49}	17.3	X	195.13362	44.50701	278.76574	0.51824	0.1898856	0.18995707	2.9970851	21	2 2.5	22.4
375346 2008 SA_{50}	17.0	X	295.42902	334.59325	355.87186	4.15605	0.0713567	0.21143472	2.7905202	21	5 31.5	20.7
375347 2008 SU_{50}	16.6	X	65.83744	303.91494	190.28153	1.57307	0.0350602	0.19537817	2.9413860	21	3 23.4	20.5
375348 2008 SX_{51}	16.7	X	146.94222	232.74875	199.07527	1.66880	0.1472139	0.19615356	2.9336294	21	4 26.4	21.1
375349 2008 SE_{52}	16.8	X	221.76707	167.18409	190.40595	17.00867	0.1707906	0.20029104	2.8930884	21	4 4.8	21.6
375350 2008 SE_{58}	16.4	X	245.43565	207.47324	111.65674	1.41525	0.1531199	0.19665264	2.9286639	21	3 12.9	21.0
375351 2008 SL_{58}	16.8	X	242.92760	246.90946	102.40990	2.26703	0.1125955	0.20099471	2.8863321	21	4 19.1	21.1
375352 2008 SS_{58}	16.4	X	199.76144	320.40595	35.40380	10.43671	0.0717200	0.19219537	2.9737704	21	3 19.0	20.9
375353 2008 SP_{60}	16.3	X	231.21416	150.30203	247.14620	3.18860	0.1096175	0.20927602	2.8096771	21	6 5.1	20.3
375354 2008 SX_{76}	16.8	X	196.05811	260.09767	197.39154	7.12401	0.1928039	0.21126627	2.7920034	21	7 10.8	21.6
375355 2008 SR_{80}	16.2	X	162.78688	139.57144	317.94928	3.46176	0.1123691	0.20645328	2.8352294	21	6 10.3	20.6
375356 2008 SL_{88}	17.1	X	186.47341	353.96179	21.14112	2.03488	0.1215285	0.19432019	2.9520527	21	3 25.6	21.8
375357 2008 SB_{95}	16.0	X	90.87787	37.91576	6.69337	9.91903	0.0773855	0.17822598	3.1271980	21	1 15.4	20.4
375358 2008 SU_{101}	16.2	X	207.69329	139.24382	214.86804	4.86140	0.0679203	0.19254671	2.9701518	21	3 19.9	20.6
375359 2008 SX_{102}	16.2	X	229.40503	136.60770	177.05669	11.32500	0.0764460	0.18973527	2.9994204	21	2 21.9	20.8
375360 2008 SA_{106}	16.1	X	311.28342	256.81801	30.98718	8.98397	0.0491942	0.20099560	2.8863236	21	4 30.6	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375361 2008 SN_{116}	16.1	X	110.88274	261.44060	176.41432	9.43548	0.1318645	0.18778145	3.0201900	21	3 25.8	20.5
375362 2008 SW_{119}	16.7	X	138.81044	235.30738	193.23945	2.22407	0.0237561	0.19307747	2.9647061	21	4 1.1	20.8
375363 2008 SG_{120}	16.0	X	141.63192	328.12743	27.71623	9.55350	0.1481828	0.18023934	3.1038661	21	1 25.6	20.9
375364 2008 SR_{121}	17.0	X	154.01203	44.73949	8.05670	2.24648	0.1248401	0.19255508	2.9700657	21	4 8.4	21.5
375365 2008 SB_{124}	16.1	X	246.91266	29.15805	231.23735	4.36078	0.1647518	0.18400149	3.0614123	21	1 5.1	21.2
375366 2008 SU_{124}	16.7	X	173.28231	217.19098	213.27762	9.81897	0.1045527	0.19985563	2.8972888	21	5 18.9	21.1
375367 2008 SY_{128}	16.0	X	69.14636	224.95763	219.39724	15.14497	0.0255525	0.18042675	3.1017165	21	1 22.3	20.6
375368 2008 SZ_{128}	16.7	X	165.68251	133.27829	222.45794	9.55420	0.0978275	0.18415728	3.0596855	21	2 6.8	21.5
375369 2008 SS_{130}	16.4	X	134.01454	171.76377	234.21149	2.56931	0.1154804	0.18657310	3.0332162	21	3 9.3	20.9
375370 2008 SS_{132}	16.1	X	133.89784	201.38022	214.37212	9.47938	0.0949733	0.18789833	3.0189373	21	3 17.2	20.6
375371 2008 SD_{133}	16.4	X	17.45692	290.98176	318.87850	1.12433	0.0358725	0.20546048	2.8443553	21	6 15.4	19.9
375372 2008 SF_{136}	16.6	X	161.42841	158.24318	221.81660	9.29559	0.1103372	0.18965518	3.0002647	21	3 3.5	21.4
375373 2008 SN_{140}	15.9	X	244.79653	30.64709	305.16240	11.23703	0.0702241	0.20080421	2.8881573	21	3 31.9	20.4
375374 2008 SS_{146}	16.4	X	173.14488	31.16306	327.25659	8.70674	0.0737788	0.18971875	2.9995944	21	2 18.5	20.8
375375 2008 SR_{147}	17.0	X	217.72987	26.22748	9.57133	5.34495	0.2969693	0.20457335	2.8525724	21	5 10.6	22.2
375376 2008 SF_{149}	16.0	X	11.37128	308.66665	225.52691	9.64933	0.0391112	0.19218622	2.9738648	21	2 24.9	20.2
375377 2008 SR_{149}	17.1	X	208.80905	181.16136	197.38815	17.45730	0.1189798	0.20231412	2.8737695	21	4 20.2	21.6
375378 2008 SX_{153}	16.2	X	315.48656	283.76452	30.98093	4.21034	0.0898927	0.21357467	2.7718489	21	6 5.8	19.6
375379 2008 SP_{163}	16.3	X	147.83952	170.48376	176.98677	12.16448	0.1743482	0.18266392	3.0763391	21	1 19.4	21.3
375380 2008 SJ_{168}	16.9	X	269.52511	68.12416	302.76951	1.46476	0.1995677	0.21254927	2.7807566	21	6 2.5	21.0
375381 2008 SN_{180}	17.1	X	146.28576	36.95003	29.40597	2.87805	0.1650701	0.19300858	2.9654115	21	4 20.5	21.7
375382 2008 SU_{183}	16.2	X	39.06319	100.25154	36.79468	10.88405	0.0332782	0.18607082	3.0386723	21	2 26.2	20.4
375383 2008 SY_{197}	16.1	X	124.39050	200.24726	200.32595	11.99712	0.0630942	0.18243714	3.0788880	21	2 11.9	20.7
375384 2008 SE_{198}	16.6	X	167.85951	297.77715	105.37659	2.77399	0.0247866	0.19229797	2.9727125	21	4 6.1	20.8
375385 2008 SO_{198}	15.7	X	74.93576	255.30524	201.59701	12.86741	0.0881994	0.18178210	3.0862799	21	2 21.9	20.0
375386 2008 SJ_{200}	16.5	X	242.63541	41.61726	248.79803	4.00456	0.2012723	0.19013070	2.9952602	21	2 1.2	21.6
375387 2008 SW_{201}	16.2	X	89.58896	88.96058	19.03747	10.11238	0.0728668	0.18881564	3.0091517	21	3 29.0	20.2
375388 2008 SB_{204}	16.1	X	0.75048	310.10241	190.79413	9.21651	0.0545165	0.17606216	3.1527682	21	1 5.9	20.5
375389 2008 SP_{219}	16.4	X	297.93621	74.05796	264.38065	3.05968	0.0757317	0.21304403	2.7764496	21	6 15.1	19.7
375390 2008 SU_{220}	17.1	X	224.22566	27.79135	344.63621	1.46559	0.0842980	0.20178020	2.8788366	21	4 28.5	21.3
375391 2008 SK_{224}	16.4	X	189.26766	52.36782	16.87647	15.08384	0.1379345	0.20316598	2.8657308	21	5 29.0	21.2
375392 2008 SP_{224}	16.3	X	320.68147	5.17808	210.57955	7.58555	0.1024545	0.18776506	3.0203657	21	2 3.5	20.6
375393 2008 SX_{236}	16.6	X	82.83146	256.69764	214.98352	9.38850	0.0609404	0.19044632	2.9919499	21	3 19.1	20.7
375394 2008 SJ_{238}	16.1	X	72.51420	266.87096	181.09132	9.61577	0.0429198	0.18264776	3.0765205	21	2 3.7	20.5
375395 2008 SC_{240}	16.3	X	110.15546	261.99978	170.36744	8.60156	0.0882723	0.18684749	3.0302458	21	3 11.8	20.5
375396 2008 SN_{242}	16.9	X	107.74764	248.19750	172.92097	0.92152	0.1670016	0.18284983	3.0742536	21	3 6.5	21.3
375397 2008 SO_{242}	16.0	X	161.73170	142.96005	210.99555	6.57906	0.0362326	0.18191551	3.0847708	21	1 28.2	20.5
375398 2008 ST_{249}	16.3	X	250.48371	93.67564	226.67981	8.62102	0.0506075	0.19880755	2.9074626	21	3 24.9	20.7
375399 2008 SS_{250}	15.8	X	297.08641	353.19845	241.29576	8.06737	0.0441810	0.19038114	2.9926328	21	2 4.2	20.2
375400 2008 SU_{250}	16.9	X	230.78784	294.54376	36.43138	2.12213	0.0862213	0.19623326	2.9328350	21	3 17.1	21.2
375401 2008 SX_{252}	16.2	X	115.04566	84.74370	349.12859	7.14834	0.0869641	0.18926131	3.0044258	21	3 18.3	20.3
375402 2008 SQ_{254}	16.3	X	184.16464	154.85841	253.52630	10.12463	0.1690440	0.19990924	2.8967708	21	5 1.1	21.2
375403 2008 SM_{255}	15.8	X	245.99054	69.85530	241.45545	10.51268	0.0867555	0.19285474	2.9669884	21	3 4.1	20.5
375404 2008 SO_{258}	15.9	X	131.37552	342.79452	56.84353	10.18504	0.0538868	0.18108437	3.0942026	21	2 26.3	20.5
375405 2008 ST_{262}	17.0	X	312.48802	101.52598	195.29077	1.57239	0.0396471	0.20471668	2.8512408	21	5 16.4	20.6
375406 2008 SO_{265}	16.0	X	138.06189	171.15790	233.00221	8.01733	0.0539993	0.18579066	3.0417262	21	3 2.3	20.5
375407 2008 SW_{265}	16.8	X	170.89922	341.43352	58.23382	1.79059	0.1499928	0.19282726	2.9672702	21	4 10.9	21.5
375408 2008 SL_{268}	16.5	X	278.22086	110.90189	209.78725	13.41616	0.1728453	0.20335649	2.8639407	21	4 12.9	20.8
375409 2008 SK_{269}	15.7	X	198.73415	265.46648	143.21249	15.64990	0.1486633	0.20182714	2.8783902	21	5 20.6	20.6
375410 2008 SA_{274}	16.7	X	132.21574	24.04922	76.93489	2.76895	0.0555244	0.19641331	2.9310425	21	5 8.2	20.8
375411 2008 SP_{282}	15.5	X	213.34060	49.13104	213.87787	16.39057	0.1922062	0.17601997	3.1532719	21	—	—
375412 2008 SM_{283}	16.6	X	178.22052	103.96413	221.64688	8.07062	0.2111119	0.17990004	3.1077676	21	1 22.7	22.0
375413 2008 ST_{283}	16.8	X	188.94045	49.12386	341.04290	7.14136	0.0440986	0.19777584	2.9175651	21	4 10.7	21.1
375414 2008 SR_{285}	17.0	X	304.69659	100.62047	243.05072	3.31940	0.1388925	0.21391712	2.7688899	21	6 22.4	20.5
375415 2008 SZ_{286}	16.1	X	155.17340	103.54626	296.07915	8.21840	0.1399066	0.19126642	2.9833914	21	3 21.9	20.9
375416 2008 SF_{293}	16.4	X	145.23448	302.30833	108.16447	4.53762	0.1929918	0.19008970	2.9956908	21	4 5.2	21.3
375417 2008 SJ_{297}	16.1	X	160.84517	209.27555	167.82528	15.25465	0.1572558	0.18892783	3.0079602	21	3 6.0	21.0
375418 2008 SJ_{298}	15.8	X	70.95300	102.59324	0.92794	9.67077	0.0754096	0.18644946	3.0345569	21	2 28.1	19.7
375419 2008 SE_{302}	15.6	X	342.12595	155.97460	9.76450	10.92386	0.0574352	0.17938828	3.1136754	21	1 14.2	20.0
375420 2008 SD_{306}	16.1	X	258.28573	83.44711	218.08872	9.91131	0.0261059	0.19639595	2.9312151	21	3 13.2	20.4
375421 2008 SM_{307}	15.9	X	322.84445	251.30098	45.82151	20.73462	0.1972109	0.21056156	2.7982294	21	5 8.1	19.0
375422 2008 SV_{307}	16.1	X	166.61086	213.71846	154.77071	10.15749	0.1214187	0.18629176	3.0362693	21	2 27.8	20.7
375423 2008 SP_{308}	15.8	X	180.53641	38.06113	326.94971	11.72414	0.1520022	0.19025169	2.9939901	21	3 6.7	20.8
375424 2008 SZ_{309}	16.4	X	97.67930	355.57979	56.91252	3.95827	0.0993982	0.17604740	3.1529444	21	2 5.0	20.7
375425 2008 TT_{6}	16.8	X	139.18945	144.56167	247.57624	1.22478	0.2250721	0.18823798	3.0153048	21	3 9.3	21.6
375426 2008 TF_{10}	16.3	X	94.59372	68.31679	339.47794	3.96231	0.1370464	0.18057400	3.1000301	21	1 30.1	20.4
375427 2008 TJ_{12}	16.6	X	97.94043	81.66463	358.41711	5.94984	0.1099207	0.18848153	3.0127067	21	3 9.6	20.6
375428 2008 TM_{27}	16.3	X	228.30550	38.48299	13.24082	6.07057	0.0751586	0.21091022	2.7951448	21	6 23.3	20.5
375429 2008 TN_{30}	16.5	X	179.02425	230.20716	200.71817	5.29486	0.0547895	0.20240992	2.8728626	21	5 24.3	20.8
375430 2008 TA_{33}	17.0	X	214.15429	265.91701	141.37537	2.77124	0.0663780	0.20510097	2.8476782	21	6 2.5	21.2
375431 2008 TK_{38}	16.0	X	210.30307	292.98233	79.41148	9.28196	0.2291015	0.20012027	2.8947340	21	4 14.9	21.1
375432 2008 TY_{51}	16.7	X	284.68502	98.85825	171.55464	2.04500	0.0351963	0.19404151	2.9548785	21	3 8.8	20.7
375433 2008 TZ_{51}	16.0	X	160.67145	330.44421	21.94277	11.59978	0.1048014	0.18524901	3.0476525	21	2 6.3	20.8
375434 2008 TZ_{52}	16.8	X	182.62278	328.45213	51.35358	2.82970	0.1039683	0.19454559	2.9497721	21	3 27.8	21.3
375435 2008 TK_{56}	16.5	X	183.84260	119.69042	201.14894	10.62822	0.0679335	0.18222258	3.0813043	21	1 15.3	21.4
375436 2008 TW_{58}	16.2	X	181.72715	207.87648	195.52423	10.30410	0.1269676	0.19746331	2.9206428	21	4 24.9	20.9
375437 2008 TQ_{70}	16.3	X	108.21630	342.19632	48.04303	11.17813	0.0864989	0.17810457	3.1286190	21	1 21.1	20.8
375438 2008 TO_{74}	16.9	X	103.63363	91.88390	0.10873	1.81190	0.2303923	0.18484906	3.0520470	21	4 16.3	21.2
375439 2008 TK_{77}	16.7	X	300.02279	262.53170	37.44973	2.44378	0.0470564	0.20456946	2.8526085	21	5 2.1	20.5
375440 2008 TL_{77}	16.9	X	161.79081	3.57777	45.20747	1.36482	0.1130762	0.19572008	2.9379594	21	4 10.7	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375441 2008 TG_{78}	17.0	X	102.15096	28.24772	45.07387	1.75891	0.1875030	0.18585048	3.0410736	21	3 17.9	21.1
375442 2008 TT_{79}	16.0	X	330.14603	320.02359	212.79163	8.91110	0.0322814	0.17627196	3.1502660	21	1 7.3	20.5
375443 2008 TM_{84}	16.6	X	218.33988	2.21069	3.08685	1.42654	0.0860819	0.19953751	2.9003674	21	4 13.7	21.0
375444 2008 TN_{86}	17.5	X	144.73123	171.53939	251.40024	0.89055	0.2315520	0.19287612	2.9667691	21	4 19.8	22.4
375445 2008 TQ_{87}	16.7	X	171.36836	237.28878	121.29680	3.82916	0.1689090	0.18761872	3.0219360	21	2 23.8	21.7
375446 2008 TZ_{87}	16.2	X	131.94287	194.43853	181.74777	9.21157	0.0891663	0.18099972	3.0951671	21	1 27.5	20.8
375447 2008 TA_{90}	16.3	X	114.41110	152.53135	210.16470	9.11138	0.0784752	0.17417387	3.1755141	21	—	—
375448 2008 TS_{90}	16.4	X	264.05409	256.18778	82.23814	3.18628	0.0734699	0.20115065	2.8848402	21	5 3.4	20.5
375449 2008 TL_{92}	17.1	X	185.93106	266.97063	151.95374	2.49921	0.0575517	0.20376617	2.8601008	21	5 16.8	21.2
375450 2008 TA_{94}	16.7	X	238.48037	299.61264	72.44398	3.04802	0.0887383	0.20522386	2.8465412	21	5 14.0	21.0
375451 2008 TV_{95}	16.2	X	45.72457	115.09264	331.88408	9.49898	0.0698652	0.17856768	3.1232073	21	1 3.7	20.4
375452 2008 TO_{96}	16.0	X	221.50270	46.11582	229.76781	8.74565	0.0428663	0.18176870	3.0864316	21	1 2.9	20.7
375453 2008 TQ_{100}	16.6	X	287.15704	107.07480	209.13411	7.34053	0.0869514	0.20473839	2.8510392	21	4 30.9	20.5
375454 2008 TY_{102}	16.5	X	135.41114	60.77028	27.70297	11.51669	0.1512542	0.19509166	2.9442651	21	5 3.9	21.1
375455 2008 TC_{106}	16.8	X	173.67529	355.91314	37.43797	6.53404	0.0978081	0.19546327	2.9405322	21	4 4.4	21.4
375456 2008 TZ_{108}	16.3	X	18.73165	250.90303	47.54013	10.12585	0.0223778	0.21952418	2.7215384	21	8 27.8	20.0
375457 2008 TC_{122}	18.1	X	3.78576	161.81579	209.37609	20.45923	0.0812581	0.38673111	1.8657924	21	12 19.4	20.2
375458 2008 TT_{124}	16.3	X	52.37825	147.91462	357.95640	10.30397	0.0232582	0.19320700	2.9633809	21	3 19.5	20.2
375459 2008 TA_{125}	16.7	X	126.11848	162.75290	220.40080	8.30561	0.0763395	0.18306470	3.0718474	21	1 26.5	21.2
375460 2008 TS_{128}	17.1	X	144.22153	264.98412	128.00167	2.48900	0.1974709	0.18903786	3.0067930	21	3 13.7	21.9
375461 2008 TG_{148}	16.7	X	356.15797	149.33233	52.16991	3.52387	0.0502032	0.19428685	2.9523904	21	3 15.4	20.6
375462 2008 TQ_{151}	16.5	X	250.09146	278.74600	87.71391	2.84993	0.0785577	0.20746903	2.8259678	21	5 21.2	20.5
375463 2008 TD_{153}	16.0	X	190.42292	103.64656	252.98716	8.38040	0.0737725	0.19050335	2.9913528	21	3 2.3	20.7
375464 2008 TF_{164}	15.8	X	109.61331	82.36067	15.15469	10.57208	0.1053549	0.18931548	3.0038527	21	4 12.4	20.1
375465 2008 TN_{165}	16.4	X	163.55889	273.28144	41.11995	16.82062	0.2509899	0.17673570	3.1447529	21	1 4.4	22.0
375466 2008 TA_{166}	15.9	X	95.38047	163.47081	234.81595	17.78500	0.0570981	0.17855325	3.1233756	21	1 4.9	20.5
375467 2008 TM_{169}	16.2	X	309.95051	158.53875	49.55477	5.49675	0.0871812	0.18074711	3.0980504	21	1 19.0	20.5
375468 2008 TZ_{171}	16.1	X	172.09636	291.97984	61.57887	11.35642	0.1484323	0.18526019	3.0475300	21	2 22.0	21.2
375469 2008 TZ_{177}	15.5	X	100.41522	270.34396	178.77385	16.39820	0.1876541	0.18238994	3.0794191	21	4 5.5	19.9
375470 2008 TZ_{183}	15.6	X	14.05046	147.00082	337.16487	9.79937	0.1308146	0.17579555	3.1559550	21	1 1.9	19.5
375471 2008 TD_{186}	15.7	X	216.20997	244.69693	71.01386	13.77673	0.1699066	0.18958577	3.0009970	21	2 15.9	20.9
375472 2008 TB_{188}	16.6	X	201.31231	113.77260	230.16367	8.16907	0.0979732	0.19097997	2.9863738	21	2 27.2	21.4
375473 2008 UH_{1}	15.9	X	99.44818	87.30697	6.90789	10.71184	0.0714318	0.19214949	2.9742438	21	3 23.0	20.0
375474 2008 US_{7}	16.8	X	218.50433	128.84790	202.94924	1.59805	0.0860099	0.19531448	2.9420254	21	3 4.4	21.3
375475 2008 UB_{12}	16.3	X	227.61245	53.77587	298.10534	0.96323	0.0959641	0.19987055	2.8971446	21	4 6.1	20.5
375476 2008 UT_{17}	15.8	X	172.89922	270.60415	26.59174	16.40074	0.0670996	0.17532771	3.1615666	21	—	—
375477 2008 UU_{19}	16.1	X	98.20303	7.70670	33.24675	10.58630	0.0598105	0.17837713	3.1254311	21	1 17.9	20.6
375478 2008 UQ_{21}	16.0	X	8.91562	128.22050	28.52925	9.06481	0.0367889	0.18342950	3.0677733	21	2 9.6	20.2
375479 2008 UB_{25}	16.9	X	111.71164	284.99893	191.65145	5.81765	0.0303063	0.20276128	2.8695428	21	4 29.4	20.8
375480 2008 UE_{29}	16.1	X	193.44614	73.46996	217.20640	13.16939	0.2039172	0.17710171	3.1404186	21	—	—
375481 2008 UL_{30}	16.4	X	292.92152	44.32726	209.63924	6.63325	0.0166604	0.18605445	3.0388506	21	2 28.2	20.7
375482 2008 UY_{31}	16.1	X	280.60830	53.05629	50.37920	14.15304	0.0384832	0.22849412	2.6498383	21	11 12.9	19.3
375483 2008 UE_{32}	15.8	X	96.42295	44.67773	54.42899	13.18622	0.0863741	0.18681815	3.0305632	21	4 2.6	20.1
375484 2008 UD_{33}	16.4	X	180.93327	227.86724	128.44054	2.69864	0.1234613	0.18654212	3.0335520	21	2 27.4	21.1
375485 2008 UA_{38}	15.9	X	307.41454	350.50864	249.31712	6.92930	0.0285961	0.18516098	3.0486184	21	2 26.1	20.2
375486 2008 UW_{40}	16.3	X	129.33296	61.83880	42.60701	14.79267	0.1300779	0.19299372	2.9655638	21	5 15.6	20.9
375487 2008 UM_{42}	16.2	X	268.63567	109.05145	230.25571	13.86868	0.1713271	0.20210073	2.8757919	21	4 25.6	20.7
375488 2008 UC_{46}	16.3	X	84.49382	81.30349	18.04989	5.31920	0.1117625	0.18137669	3.0908771	21	3 17.9	20.3
375489 2008 UK_{46}	15.7	X	146.87522	5.45005	34.15093	10.22063	0.0739299	0.18507986	3.0495091	21	3 16.5	20.3
375490 2008 UR_{47}	15.8	X	226.82027	274.52404	41.09604	10.53805	0.0474697	0.18400868	3.0613325	21	3 2.4	20.4
375491 2008 UB_{52}	17.6	X	358.86301	336.10154	47.96004	19.59736	0.0986156	0.38367365	1.8756914	21	—	—
375492 2008 UV_{53}	15.9	X	115.63516	248.85254	232.07389	9.40569	0.0600490	0.19286730	2.9668595	21	5 13.9	20.1
375493 2008 UC_{58}	16.5	X	121.22553	297.62172	122.19856	2.81346	0.0638368	0.18603683	3.0390424	21	3 7.3	20.7
375494 2008 UH_{59}	16.8	X	251.39056	159.40502	208.11118	12.19015	0.0921023	0.20704168	2.8298551	21	5 23.1	21.0
375495 2008 UL_{60}	16.6	X	83.41952	248.46666	240.24050	11.06703	0.1656481	0.18792910	3.0186079	21	4 27.4	20.6
375496 2008 UL_{63}	15.6	X	113.84350	355.45597	36.08503	8.51322	0.0510687	0.17720760	3.1391675	21	1 24.8	20.2
375497 2008 UO_{71}	15.4	X	60.53940	200.03235	259.92304	11.33863	0.0728349	0.17628884	3.1500650	21	2 4.3	19.8
375498 2008 UR_{71}	16.1	X	128.88736	349.29193	37.68866	10.35495	0.0697786	0.17712767	3.1401118	21	2 10.3	20.8
375499 2008 UL_{74}	15.6	X	135.30216	138.37729	262.04821	9.55187	0.0684424	0.18179218	3.0861658	21	2 23.8	20.3
375500 2008 UW_{74}	16.1	X	160.87829	299.33999	46.09577	15.41817	0.2105623	0.17955385	3.1117610	21	2 8.3	21.5
375501 2008 UP_{76}	15.9	X	140.66212	58.36576	48.27406	12.52161	0.1645860	0.19310210	2.9644540	21	6 2.0	20.7
375502 2008 UJ_{77}	15.9	X	68.28470	213.16301	246.24025	9.30241	0.2041181	0.17634239	3.1494272	21	3 2.9	19.9
375503 2008 UX_{77}	15.3	X	172.98532	89.79081	241.07430	24.82786	0.2155403	0.17894463	3.1188197	21	1 19.1	21.0
375504 2008 UJ_{86}	16.3	X	159.18129	126.31561	228.35884	14.87559	0.0904227	0.17956390	3.1116449	21	1 28.6	21.3
375505 2008 UN_{90}	20.1	X	253.83670	313.15995	33.50999	17.54555	0.1256523	0.59220485	1.4043911	21	3 22.8	21.0
375506 2008 UC_{99}	15.8	X	148.47394	224.17266	192.51290	16.00133	0.1419299	0.18935500	3.0034347	21	4 10.0	20.4
375507 2008 UH_{101}	16.7	X	311.73297	65.08836	230.85034	6.38550	0.0525380	0.20360740	2.8615873	21	5 12.2	20.5
375508 2008 UL_{105}	16.2	X	214.66599	310.68712	61.36741	2.49125	0.1626270	0.19468089	2.9484051	21	4 16.8	20.9
375509 2008 UZ_{110}	15.5	X	66.51582	231.02360	229.18131	23.74469	0.1992198	0.17876906	3.1208614	21	2 23.4	19.8
375510 2008 UF_{111}	16.4	X	75.49674	112.59325	15.13606	8.61601	0.0877187	0.18807909	3.0170027	21	4 5.0	20.5
375511 2008 UO_{111}	16.0	X	195.62923	29.86237	261.19505	5.76293	0.1173997	0.17623163	3.1507466	21	—	—
375512 2008 UJ_{112}	16.4	X	198.11524	341.78903	20.02796	10.06094	0.0667474	0.19114159	2.9846901	21	3 22.7	20.9
375513 2008 UX_{112}	15.8	X	174.50533	68.57628	238.63909	8.80749	0.1304917	0.17611472	3.1521408	21	—	—
375514 2008 UA_{117}	16.5	X	203.62376	151.88768	243.10705	10.36397	0.1611851	0.19845377	2.9109169	21	5 2.8	21.3
375515 2008 UE_{122}	15.4	X	223.56279	353.56910	274.32573	8.07830	0.1214202	0.17483267	3.1675319	21	—	—
375516 2008 UG_{125}	15.9	X	52.99738	100.04041	7.48504	9.80932	0.0730471	0.17632654	3.1496159	21	2 11.1	20.1
375517 2008 UX_{125}	15.8	X	81.63012	178.08003	249.18836	20.60083	0.2001002	0.17454467	3.1710152	21	2 5.7	20.3
375518 2008 US_{129}	16.0	X	159.23282	123.87287	223.61026	13.51074	0.1056215	0.18091817	3.0960973	21	1 22.4	21.0
375519 2008 UT_{133}	16.5	X	213.47614	80.60622	292.87993	0.77748	0.1393455	0.19670123	2.9281815	21	4 16.9	21.0
375520 2008 UC_{140}	16.1	X	227.19142	107.15225	167.35400	0.24862	0.1129422	0.17764433	3.1340204	21	1 7.3	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375521 2008 UQ_{140}	16.3	X	128.76167	7.66011	47.01211	9.15576	0.0514549	0.18464508	3.0542943	21	3 12.1	20.8
375522 2008 US_{142}	16.3	X	263.60469	179.98117	55.25431	4.17815	0.0386169	0.17422548	3.1748870	21	1 4.5	21.0
375523 2008 UU_{145}	15.7	X	229.96590	51.07202	222.27771	10.41684	0.0758594	0.17680141	3.1439737	21	1 8.1	20.6
375524 2008 UJ_{150}	16.1	X	239.97125	264.33715	46.27552	10.58182	0.0791282	0.19121260	2.9839512	21	3 7.8	20.7
375525 2008 UV_{153}	16.7	X	205.34349	102.64005	209.53642	9.54145	0.0612230	0.18342888	3.0677802	21	1 26.4	21.4
375526 2008 UD_{159}	16.8	X	81.84877	111.54494	4.39543	0.99806	0.1150417	0.18705638	3.0279895	21	4 2.7	20.8
375527 2008 UR_{159}	15.9	X	80.82347	359.94077	37.05059	5.78998	0.1533343	0.16937585	3.2352044	21	1 2.7	20.1
375528 2008 UU_{168}	16.3	X	122.72411	204.84175	205.15280	9.54371	0.0669142	0.18330648	3.0691457	21	2 22.1	20.9
375529 2008 US_{169}	15.7	X	323.50169	132.38725	62.21693	13.08207	0.0859430	0.17852804	3.1236696	21	1 21.3	20.1
375530 2008 UV_{175}	15.9	X	77.51017	194.31241	222.20561	16.06453	0.1704270	0.17560205	3.1582729	21	1 17.6	20.2
375531 2008 UV_{182}	15.7	X	280.41155	247.64153	42.02177	17.47003	0.1477003	0.19676028	2.9275956	21	3 21.1	20.2
375532 2008 UJ_{184}	16.3	X	43.80202	89.37915	38.25847	2.53215	0.0333526	0.17943009	3.1131917	21	2 17.8	20.4
375533 2008 UZ_{184}	15.9	X	326.78641	358.02286	240.21001	3.82248	0.1633507	0.18675129	3.0312865	21	3 3.9	19.9
375534 2008 UY_{185}	16.6	X	111.99094	207.68799	213.96904	3.52471	0.2047507	0.18042962	3.1016836	21	3 16.1	21.3
375535 2008 UX_{186}	17.7	X	272.47773	201.46568	226.40318	20.34295	0.0891201	0.37194357	1.9149231	21	9 16.5	19.9
375536 2008 UN_{188}	16.3	X	158.13050	126.59963	222.20028	4.12080	0.1358094	0.17918809	3.1159940	21	1 28.3	21.1
375537 2008 UJ_{193}	16.1	X	171.54469	315.07190	62.14980	9.73074	0.1558436	0.18913062	3.0058098	21	3 20.8	21.1
375538 2008 UB_{201}	15.7	X	169.39117	37.16011	8.13945	11.09077	0.0803594	0.19346784	2.9607167	21	4 10.7	20.2
375539 2008 UK_{201}	15.6	X	149.82618	13.29512	36.46027	12.61029	0.1716795	0.18839844	3.0135925	21	4 7.6	20.4
375540 2008 US_{206}	15.6	X	99.17806	251.77416	162.21787	21.69787	0.1953169	0.18137052	3.0909472	21	2 18.9	19.9
375541 2008 UC_{214}	15.9	X	201.39395	91.53803	251.15672	10.28082	0.1581806	0.19105851	2.9855554	21	2 24.7	21.1
375542 2008 UG_{214}	16.1	X	151.32131	61.44826	356.29031	10.77988	0.0851126	0.19261099	2.9694910	21	4 6.1	20.5
375543 2008 UL_{216}	16.5	X	227.55777	330.56368	330.15809	6.20268	0.0173311	0.18240130	3.0792913	21	2 10.4	20.9
375544 2008 UX_{219}	16.0	X	147.59020	185.64078	233.67033	8.45059	0.1506354	0.18982454	2.9984799	21	4 10.6	20.8
375545 2008 UN_{232}	17.1	X	136.23644	55.62525	4.98265	1.90390	0.1198930	0.18891282	3.0081196	21	3 30.6	21.5
375546 2008 UL_{251}	16.8	X	95.27890	129.74427	301.10534	0.39782	0.1868729	0.18013726	3.1050387	21	3 6.4	21.1
375547 2008 UO_{251}	16.2	X	73.99403	184.04825	210.72776	0.27306	0.1534855	0.17030447	3.2234333	21	—	—
375548 2008 UQ_{257}	16.2	X	155.01645	128.27689	240.98252	9.01832	0.1032299	0.18153087	3.0891267	21	2 12.4	21.1
375549 2008 US_{268}	15.7	X	80.13424	65.59285	47.51115	17.61346	0.0778124	0.18596937	3.0397773	21	3 31.0	20.0
375550 2008 UA_{270}	15.4	X	54.52938	260.83871	205.09768	9.02708	0.0350955	0.17970425	3.1100246	21	2 1.4	19.8
375551 2008 UG_{271}	15.8	X	209.65958	29.37211	246.70740	9.07885	0.1089741	0.17418846	3.1753368	21	—	—
375552 2008 UQ_{283}	15.6	X	190.23289	272.94090	45.69999	21.61051	0.1698572	0.18305136	3.0719966	21	1 31.1	21.1
375553 2008 UL_{293}	16.0	X	193.97144	50.27192	270.24386	5.18558	0.1015695	0.18169200	3.0873001	21	1 27.4	20.8
375554 2008 UC_{297}	16.4	X	162.21677	195.24323	223.66479	9.30108	0.0893463	0.19982923	2.8975440	21	4 20.7	20.8
375555 2008 UW_{303}	15.8	X	302.70650	229.99262	353.51284	10.09082	0.0755529	0.18484709	3.0520687	21	1 31.4	20.2
375556 2008 UQ_{309}	15.6	X	63.49024	247.51963	235.77003	25.36632	0.2002126	0.18240596	3.0792387	21	3 21.8	19.8
375557 2008 UD_{311}	15.7	X	140.13333	18.87134	0.21186	14.92577	0.2038707	0.18389749	3.0625664	21	2 26.0	20.6
375558 2008 UV_{312}	15.7	X	176.76331	51.61636	293.88025	8.45533	0.1084972	0.18085669	3.0967988	21	2 8.6	20.5
375559 2008 UB_{313}	16.5	X	280.60725	212.22750	41.02984	2.89304	0.0460042	0.18449810	3.0559163	21	2 12.4	20.9
375560 2008 UD_{313}	16.0	X	133.00164	164.84915	294.39979	8.47000	0.0203489	0.19601505	2.9350112	21	4 28.9	20.3
375561 2008 UE_{316}	16.7	X	81.75464	300.43556	154.53073	1.53301	0.1574944	0.17856383	3.1232522	21	3 14.8	20.8
375562 2008 UV_{321}	16.7	X	170.45342	15.16680	288.94017	4.20088	0.1331869	0.17661420	3.1461950	21	—	—
375563 2008 UM_{322}	16.5	X	143.58051	155.39985	291.68525	4.95640	0.0224199	0.19822718	2.9131348	21	4 27.9	20.6
375564 2008 UL_{323}	16.1	X	129.71366	105.02118	286.06704	8.44254	0.1005401	0.18103451	3.0947707	21	2 12.4	20.7
375565 2008 UO_{327}	16.1	X	184.30816	279.60803	57.41472	10.06639	0.1511385	0.18534783	3.0465691	21	2 12.7	21.2
375566 2008 UZ_{329}	15.7	X	223.12546	69.26328	230.93042	11.49002	0.0534214	0.18229781	3.0804565	21	1 30.0	20.5
375567 2008 US_{331}	16.4	X	66.23964	103.64304	14.74945	13.67818	0.0274953	0.18805486	3.0172619	21	3 8.9	20.6
375568 2008 UA_{335}	16.2	X	43.87169	210.98684	263.02721	4.54581	0.1733389	0.17435040	3.1733703	21	2 7.4	19.8
375569 2008 UR_{336}	15.4	X	347.04365	326.82839	233.04972	16.56939	0.1539546	0.18177298	3.0863831	21	2 10.9	19.6
375570 2008 UB_{337}	16.3	X	168.32746	325.46512	17.76244	5.36247	0.1237366	0.17928953	3.1148186	21	2 2.7	21.2
375571 2008 UU_{337}	16.7	X	247.24756	317.46453	34.53671	2.22864	0.0929258	0.19862762	2.9092182	21	4 28.1	20.9
375572 2008 UB_{343}	16.1	X	122.49417	14.69074	32.17203	9.75422	0.1519007	0.18071435	3.0984247	21	3 8.3	20.8
375573 2008 UG_{344}	16.1	X	158.44605	222.94019	151.89178	10.63676	0.2826256	0.18642917	3.0347772	21	3 10.7	21.3
375574 2008 UL_{348}	16.5	X	101.53373	66.44784	26.80833	5.20633	0.1361162	0.18370820	3.0646698	21	4 3.8	20.8
375575 2008 UD_{349}	16.2	X	65.01813	273.25876	200.63908	4.72968	0.1135414	0.18024001	3.1038585	21	3 6.8	20.3
375576 2008 UT_{349}	16.5	X	239.70770	111.11927	148.08273	2.09976	0.0551964	0.17725779	3.1385748	21	1 4.3	21.2
375577 2008 UP_{353}	16.6	X	162.88267	292.21959	92.23350	2.22517	0.1076103	0.18653197	3.0336621	21	3 14.9	21.3
375578 2008 UV_{355}	16.1	X	356.91328	58.33238	76.26987	4.90551	0.0574439	0.17064441	3.2191510	21	—	—
375579 2008 UL_{358}	15.6	X	192.97672	240.14409	89.27280	14.26630	0.0944241	0.18407260	3.0606238	21	2 9.5	20.5
375580 2008 UA_{361}	15.8	X	119.62197	285.79388	92.19554	9.99234	0.1431104	0.17712809	3.1401068	21	1 26.5	20.4
375581 2008 UU_{369}	15.6	X	234.32172	32.29168	241.99501	8.19400	0.0461003	0.17429973	3.1739852	21	1 15.5	20.5
375582 2008 UK_{370}	15.7	X	163.28407	330.72377	83.95981	14.54754	0.1594682	0.19061960	2.9901364	21	4 27.9	20.7
375583 2008 VB_{2}	15.6	X	127.95121	154.69459	246.99143	13.81889	0.0773655	0.18141508	3.0904411	21	2 16.4	20.3
375584 2008 VX_{2}	15.2	X	54.21827	229.60558	254.49767	14.68822	0.0758749	0.17965168	3.1106312	21	2 21.9	19.6
375585 2008 VD_{12}	16.1	X	194.83565	120.40195	213.37049	14.66706	0.1531275	0.18426407	3.0585032	21	2 9.7	21.4
375586 2008 VB_{14}	15.4	X	93.14795	17.12274	95.94662	8.19269	0.1431184	0.18546928	3.0452391	21	4 22.2	19.7
375587 2008 VJ_{16}	16.6	X	256.23020	119.00691	178.98039	0.97684	0.0237353	0.18893254	3.0079103	21	3 10.7	20.8
375588 2008 VK_{19}	14.8	X	208.09411	34.73471	250.12217	25.98757	0.1296521	0.17494998	3.1661158	21	—	—
375589 2008 VJ_{20}	16.9	X	178.53791	220.11718	158.19989	2.14875	0.0813860	0.18719993	3.0264414	21	3 21.2	21.4
375590 2008 VR_{25}	16.3	X	151.63207	347.18257	55.56850	9.65286	0.0804843	0.18933679	3.0036273	21	3 26.1	20.9
375591 2008 VP_{29}	16.2	X	206.25326	89.33623	260.56102	8.56302	0.1083538	0.18915289	3.0055738	21	3 10.3	21.1
375592 2008 VX_{38}	15.8	X	66.49428	327.99477	139.66204	10.53832	0.1467939	0.17825566	3.1268509	21	3 9.0	19.7
375593 2008 VZ_{39}	15.8	X	168.44754	330.30048	50.36345	13.44057	0.1145872	0.18427465	3.0583862	21	3 22.0	20.7
375594 2008 VZ_{40}	15.7	X	183.64969	334.14398	18.58441	9.73833	0.0828062	0.18456027	3.0552299	21	2 27.6	20.4
375595 2008 VK_{48}	17.3	X	122.23110	12.03370	34.02498	0.84483	0.1873676	0.18031072	3.1030470	21	3 7.5	21.8
375596 2008 VN_{58}	16.0	X	61.68217	200.45408	219.82804	8.61926	0.0732206	0.17468317	3.1693389	21	—	—
375597 2008 VJ_{61}	16.6	X	201.66274	186.43242	194.36800	5.83552	0.0884970	0.19516119	2.9435657	21	4 16.4	20.9
375598 2008 VA_{74}	16.4	X	229.70628	177.89992	153.90179	2.34848	0.0901143	0.18971219	2.9996636	21	3 17.2	20.8
375599 2008 VY_{76}	15.5	X	276.09541	138.70105	88.58997	10.12614	0.0500376	0.17433739	3.1735282	21	1 7.8	20.0
375600 2008 VB_{77}	15.7	X	135.30071	279.62718	92.64364	10.22668	0.0795862	0.17514798	3.1637291	21	1 29.8	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375601 2008 VV_{78}	16.6	X	105.09287	28.52859	58.57760	2.45601	0.1431249	0.18409112	3.0604185	21	4 1.7	20.9
375602 2008 WO_{5}	16.9	X	114.05899	17.25247	74.13105	3.68059	0.1410409	0.18865480	3.0108617	21	4 17.1	21.2
375603 2008 WZ_{5}	15.9	X	251.11989	208.47580	29.81674	9.63049	0.0475692	0.17435536	3.1733101	21	—	—
375604 2008 WU_{12}	16.5	X	80.19241	40.43282	41.65848	5.09761	0.1419246	0.17804225	3.1293490	21	2 24.6	20.6
375605 2008 WY_{12}	16.2	X	278.15671	338.13135	65.01066	10.06132	0.1300760	0.21349698	2.7725213	21	8 9.4	20.0
375606 2008 WE_{17}	16.5	X	69.30005	35.13726	72.65192	1.89344	0.1366315	0.18241317	3.0791577	21	3 10.3	20.3
375607 2008 WL_{24}	16.3	X	103.87735	53.86180	3.16920	1.81120	0.0381226	0.17825310	3.1268808	21	2 8.4	20.6
375608 2008 WB_{25}	16.3	X	172.10611	330.77928	92.58883	4.97421	0.1198071	0.19456849	2.9495406	21	5 10.3	20.9
375609 2008 WQ_{35}	15.9	X	76.49732	198.68533	243.65529	3.99780	0.1385429	0.17648301	3.1477540	21	2 15.3	19.9
375610 2008 WQ_{36}	16.8	X	236.62757	297.24677	58.49516	3.08835	0.0769690	0.19518262	2.9433503	21	4 23.4	21.2
375611 2008 WA_{40}	16.7	X	53.46520	14.64381	116.37179	1.73504	0.1133139	0.18037640	3.1022937	21	3 13.2	20.5
375612 2008 WY_{41}	16.4	X	126.74883	45.61913	19.66169	2.58840	0.1603407	0.18405018	3.0608724	21	3 31.5	21.0
375613 2008 WG_{45}	16.4	X	171.99955	134.30435	263.01341	1.19813	0.1744224	0.18945834	3.0023425	21	4 9.3	21.3
375614 2008 WY_{46}	16.3	X	104.19031	104.68455	301.52651	0.35708	0.1533116	0.17567919	3.1573483	21	2 11.6	20.7
375615 2008 WY_{47}	15.5	X	353.13717	107.16567	74.57760	9.84820	0.0165996	0.17819793	3.1275261	21	2 22.5	20.0
375616 2008 WZ_{47}	15.9	X	127.98823	145.65576	240.46484	4.43813	0.1502336	0.17695484	3.1421561	21	2 11.9	20.7
375617 2008 WX_{60}	15.9	X	127.67945	333.08210	75.66448	14.66796	0.2597440	0.18070322	3.0985520	21	3 30.8	21.1
375618 2008 WS_{75}	17.0	X	59.05167	300.25964	194.52972	3.67909	0.1648153	0.18077800	3.0976975	21	4 1.1	20.7
375619 2008 WJ_{85}	16.2	X	149.17192	140.21825	231.40230	2.53226	0.1929406	0.17694654	3.1422543	21	2 20.4	21.3
375620 2008 WF_{88}	16.6	X	226.11558	79.66162	200.57094	3.89433	0.0758596	0.17762288	3.1342727	21	1 13.2	21.5
375621 2008 WH_{93}	17.4	X	43.21973	43.83277	255.39507	20.56262	0.0424841	0.37558246	1.9025344	21	10 13.9	19.7
375622 2008 WL_{103}	15.6	X	53.77879	265.74015	225.64172	12.83601	0.0742208	0.18450485	3.0558417	21	3 3.9	19.9
375623 2008 WX_{105}	15.8	X	117.72123	255.94755	165.74207	10.59908	0.1118501	0.18287223	3.0740024	21	3 11.7	20.2
375624 2008 WZ_{114}	15.6	X	106.17514	223.95514	256.98421	8.00152	0.0968367	0.18816025	3.0161351	21	5 6.4	19.9
375625 2008 WM_{116}	16.3	X	66.59110	235.35945	245.78363	2.96635	0.1108926	0.17924305	3.1153571	21	3 17.9	20.2
375626 2008 WP_{121}	15.5	X	171.75151	73.10895	307.10430	9.24227	0.0729226	0.18733527	3.0249836	21	3 11.6	20.2
375627 2008 WK_{122}	16.1	X	203.03783	24.02222	330.94538	8.19785	0.1916443	0.19188918	2.9769330	21	3 14.9	21.2
375628 2008 WX_{136}	15.4	X	344.79826	276.57035	277.96819	12.13755	0.1356935	0.17573661	3.1566605	21	2 7.2	19.5
375629 2008 XB_{3}	16.2	X	171.22370	310.53278	106.67606	2.55893	0.1630805	0.18741613	3.0241134	21	5 3.5	21.2
375630 2008 XW_{13}	15.9	X	303.47753	217.07367	40.01662	13.70188	0.1315159	0.18780459	3.0199418	21	3 9.8	20.3
375631 2008 XZ_{14}	16.5	X	124.45297	355.76179	92.42855	2.77109	0.0658247	0.18646879	3.0343473	21	4 15.6	20.9
375632 2008 XV_{16}	15.3	X	154.33654	106.24222	252.83717	15.72392	0.1497890	0.17663842	3.1459074	21	2 2.3	20.5
375633 2008 XA_{18}	16.2	X	238.03135	45.16132	241.35377	10.37087	0.0799380	0.17626473	3.1503521	21	1 29.7	21.2
375634 2008 XO_{29}	14.9	X	99.30020	30.52352	44.10527	20.19059	0.2203738	0.17307873	3.1888952	21	3 30.8	19.7
375635 2008 XN_{48}	16.6	X	146.05298	234.50565	153.68394	1.69727	0.1878333	0.17595481	3.1540504	21	3 9.7	21.5
375636 2008 XJ_{56}	15.9	X	139.02322	95.10927	295.40949	14.30305	0.2523571	0.17769743	3.1333961	21	3 4.6	21.3
375637 2008 YC_{5}	15.5	X	127.33073	86.88611	316.05036	17.47847	0.1538500	0.17465823	3.1696406	21	2 28.4	20.4
375638 2008 YK_{12}	16.7	X	95.01041	134.93480	324.73038	0.85087	0.1544776	0.18141640	3.0904260	21	4 5.6	21.1
375639 2008 YX_{27}	16.2	X	127.44223	315.83392	70.30812	5.49823	0.1358480	0.17692466	3.1425133	21	2 13.7	20.9
375640 2008 YV_{42}	16.2	X	167.79510	293.53124	52.08913	3.90280	0.2061975	0.17908973	3.1171348	21	2 9.6	21.4
375641 2008 YL_{66}	17.3	X	211.58881	155.76666	308.86892	17.77017	0.1033532	0.35741104	1.9664855	21	8 13.4	19.7
375642 2008 YK_{84}	15.7	X	175.11999	127.67416	230.24123	10.56088	0.0853646	0.18024098	3.1038474	21	2 17.8	20.6
375643 2008 YL_{87}	16.9	X	74.52849	315.97426	145.39840	1.32306	0.1854505	0.17389388	3.1789218	21	3 17.6	20.7
375644 2008 YF_{99}	16.1	X	54.08029	106.45457	275.56427	1.33502	0.0555577	0.15066232	3.4978373	21	—	—
375645 2008 YR_{110}	16.9	X	150.21242	15.43893	38.94875	3.22010	0.2693640	0.18721985	3.0262266	21	4 17.4	22.0
375646 2008 YK_{128}	15.3	X	79.64846	359.53482	79.00963	7.05040	0.1551941	0.17069681	3.2184921	21	2 23.4	19.6
375647 2008 YY_{155}	15.7	X	85.84733	66.08056	32.76404	14.81806	0.1871979	0.17442806	3.1724283	21	4 2.7	20.0
375648 2009 AX	15.9	X	102.54969	123.77959	290.14572	14.83419	0.2163381	0.17811879	3.1284525	21	2 20.9	20.6
375649 2009 BZ	16.6	X	101.77687	351.26178	119.85092	2.46481	0.2612336	0.18041613	3.1018382	21	5 13.1	21.3
375650 2009 BV_{17}	16.3	X	111.41476	346.68097	88.48393	2.31816	0.1472333	0.18357003	3.0662075	21	3 26.3	20.8
375651 2009 BC_{27}	15.3	X	103.54438	252.81376	348.67522	4.91500	0.0845123	0.12620616	3.9362470	21	9 26.6	21.0
375652 2009 BZ_{31}	16.3	X	188.53933	342.18815	106.70226	6.32787	0.0660270	0.19169010	2.9789937	21	6 26.7	20.6
375653 2009 BJ_{60}	15.2	X	74.80925	111.95385	281.77356	12.65884	0.1318915	0.15842314	3.3826493	21	—	—
375654 2009 BW_{97}	16.6	X	134.34868	301.25551	134.88431	2.84958	0.1883148	0.18610294	3.0383226	21	4 24.7	21.4
375655 2009 BV_{154}	15.9	X	338.17552	140.69921	358.10997	5.09642	0.0352116	0.15427253	3.4430526	21	—	—
375656 2009 BA_{182}	17.8	X	231.04984	226.03040	16.02412	7.72828	0.1712443	0.29974506	2.2112339	21	—	—
375657 2009 CP_{5}	21.5	X	345.08727	268.42461	330.25558	13.11696	0.3142100	0.72656154	1.2254279	21	—	—
375658 2009 CU_{27}	18.4	X	246.63624	15.94666	57.44271	3.47902	0.1503955	0.27950110	2.3167564	21	8 7.1	21.4
375659 2009 CQ_{33}	16.0	X	15.99207	329.43715	143.18055	3.83237	0.0153520	0.15633273	3.4127367	21	—	—
375660 2009 CB_{45}	17.3	X	80.46457	200.45389	14.95801	19.03043	0.0599132	0.35020873	1.9933554	21	8 18.6	19.8
375661 2009 DT_{17}	15.5	X	79.08632	156.14569	276.66998	17.47784	0.1229741	0.17327965	3.1864297	21	2 1.8	19.9
375662 2009 DB_{48}	17.5	X	229.61098	284.44352	179.34413	22.02131	0.0957104	0.35798825	1.9643711	21	9 8.4	19.7
375663 2009 DW_{109}	17.5	X	221.04215	135.48343	317.58067	17.50133	0.1062778	0.35587332	1.9721462	21	8 10.7	19.7
375664 2009 DZ_{127}	15.4	X	174.36645	345.93740	215.35711	2.10589	0.1012785	0.12580530	3.9446040	21	10 21.2	21.5
375665 2009 DS_{141}	15.4	X	201.54723	351.94840	175.63468	2.37909	0.1590692	0.12677494	3.9244649	21	10 5.9	21.5
375666 2009 EU_{3}	17.3	X	260.07627	214.92214	173.21073	22.71406	0.0622082	0.34764049	2.0031608	21	7 1.8	20.2
375667 2009 EP_{20}	18.0	X	181.99795	246.64262	6.59916	7.36540	0.2172666	0.29283538	2.2458824	21	—	—
375668 2009 FW_{1}	18.0	X	238.55421	106.63929	3.38637	19.22046	0.0910257	0.36388489	1.9430920	21	10 2.6	20.0
375669 2009 FA_{32}	13.3	X	300.61872	286.07018	21.56210	25.94863	0.0770203	0.08103198	5.2888965	21	5 9.2	20.3
375670 2009 FX_{50}	18.0	X	251.98901	182.56989	94.13259	3.35568	0.0698563	0.31494356	2.1395096	21	1 12.2	20.7
375671 2009 FE_{54}	17.6	X	111.20480	211.20654	82.05684	5.26321	0.2492757	0.28172399	2.3045537	21	—	—
375672 2009 FS_{65}	17.1	X	251.53206	211.97745	14.23018	3.87206	0.0139803	0.22388561	2.6860778	21	—	—
375673 2009 FP_{73}	17.6	X	116.30463	145.37888	129.20330	5.50900	0.2324704	0.27554244	2.3388932	21	12 14.9	21.5
375674 2009 HD_{5}	17.7	X	174.92957	246.15966	43.51018	6.52551	0.1742796	0.29691116	2.2252819	21	—	—
375675 2009 HC_{6}	17.9	X	122.32885	208.10508	85.92704	6.67641	0.1841203	0.28367905	2.2939531	21	—	—
375676 2009 HU_{13}	17.7	X	237.35122	223.41982	10.93003	5.87589	0.1237573	0.29937681	2.2130469	21	—	—
375677 2009 HF_{20}	17.5	X	193.04782	111.25815	44.76363	21.61740	0.0693519	0.35633189	1.9704538	21	10 19.5	19.9
375678 2009 HH_{28}	18.0	X	197.57205	63.57197	210.47118	4.88571	0.2011256	0.29622567	2.2287135	21	—	—
375679 2009 HO_{37}	17.5	X	210.24603	196.74850	63.73144	7.40161	0.1808164	0.29663150	2.2266803	21	—	—
375680 2009 HW_{40}	17.5	X	174.39446	208.28413	89.35061	5.45043	0.1983498	0.29833084	2.2182166	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375681 2009 HL_{41}	17.9	X	145.54553	193.78079	89.53895	3.47868	0.2263954	0.28557259	2.2838016	21	—	—
375682 2009 HV_{94}	17.2	X	127.98600	278.14139	57.68866	11.00596	0.1895754	0.28914984	2.2649263	21	—	—
375683 2009 HD_{104}	17.8	X	310.40690	144.57451	58.64454	4.72372	0.0896578	0.30808604	2.1711410	21	—	—
375684 2009 HV_{105}	18.1	X	185.66969	19.25100	216.83257	2.54413	0.1129788	0.28588975	2.2821122	21	—	—
375685 2009 JF	18.0	X	203.54381	167.14565	81.97659	4.19232	0.2274758	0.29192698	2.2505391	21	—	—
375686 2009 KZ_{14}	17.6	X	119.45621	140.89632	161.17807	3.10754	0.2438936	0.27900018	2.3195286	21	—	—
375687 2009 KG_{21}	17.2	X	79.91991	254.64459	67.13931	8.00383	0.1313423	0.27854287	2.3220667	21	—	—
375688 2009 KN_{22}	17.0	X	119.38942	46.37667	224.22148	22.57004	0.2074703	0.27493548	2.3423342	21	12 10.3	21.1
375689 2009 KT_{23}	17.8	X	81.51751	145.09121	161.36482	5.63183	0.2307033	0.27268295	2.3552159	21	12 24.1	21.6
375690 2009 KH_{36}	17.4	X	140.87121	241.34352	82.23154	8.43099	0.1617594	0.28954216	2.2628799	21	—	—
375691 2009 ME_{1}	17.0	X	7.13409	85.94656	264.99452	5.39009	0.1453739	0.25829915	2.4418598	21	11 2.5	19.4
375692 2009 MY_{8}	17.6	X	137.88121	146.61896	117.09186	7.17974	0.2562622	0.27401493	2.3475773	21	12 18.1	21.7
375693 2009 NG_{2}	17.6	X	31.48184	194.80079	126.66071	3.25868	0.2172027	0.25585577	2.4573814	21	11 14.9	20.4
375694 2009 OM_{4}	17.7	X	85.11926	124.15712	164.99595	2.88142	0.2254257	0.26457178	2.4031103	21	12 5.1	21.4
375695 2009 OY_{4}	17.1	X	66.32626	171.55751	152.29143	2.60739	0.2188561	0.26403673	2.4063557	21	12 29.1	20.8
375696 2009 OB_{5}	17.4	X	48.40412	196.97608	138.56477	4.10120	0.1882838	0.26349048	2.4096803	21	12 21.5	20.7
375697 2009 OD_{21}	17.3	X	73.03174	92.98603	238.41094	5.17396	0.2146548	0.26705556	2.3881868	21	—	—
375698 2009 OE_{25}	16.6	X	52.15142	341.83059	340.70312	8.51929	0.2476946	0.26112937	2.4241839	21	12 15.9	20.2
375699 2009 ON_{25}	16.7	X	213.80094	175.39618	65.77124	8.18951	0.0746906	0.28001021	2.3139474	21	—	—
375700 2009 PY_{1}	17.2	X	341.06764	54.57257	0.96573	5.13148	0.0859352	0.26264930	2.4148225	21	12 15.9	19.8
375701 2009 PY_{3}	17.9	X	52.43263	117.01743	216.24797	3.28550	0.2388015	0.26208542	2.4182849	21	12 28.7	21.4
375702 2009 PC_{4}	17.6	X	41.45154	98.82609	251.71537	3.58199	0.2099488	0.26178748	2.4201194	21	—	—
375703 2009 PD_{5}	17.2	X	89.90762	358.27835	322.29967	3.73817	0.2085262	0.26766456	2.3845630	21	—	—
375704 2009 PJ_{6}	17.5	X	197.27922	17.88944	247.86642	4.59030	0.1285080	0.28522561	2.2856534	21	—	—
375705 2009 PU_{6}	17.7	X	37.23170	256.04061	157.79657	22.02486	0.2298804	0.27382775	2.3486470	21	—	—
375706 2009 PN_{7}	17.8	X	39.17082	185.61628	183.17164	3.57386	0.2011897	0.26446589	2.4037517	21	—	—
375707 2009 PT_{10}	17.6	X	27.03795	111.87525	217.91887	1.80004	0.2070085	0.25565276	2.4586822	21	11 17.0	20.3
375708 2009 PF_{12}	17.5	X	78.95247	189.68965	140.82838	3.10080	0.2106905	0.26667652	2.3904493	21	—	—
375709 2009 PZ_{13}	16.8	X	92.61395	313.69961	323.90215	6.06347	0.2436771	0.26188393	2.4195252	21	11 26.9	20.8
375710 2009 PD_{18}	17.6	X	57.28342	325.02200	359.38434	2.90789	0.0473047	0.25715131	2.4491209	21	11 25.9	20.7
375711 2009 PC_{19}	17.7	X	143.06281	247.62740	359.84726	3.64818	0.1046611	0.26193853	2.4191890	21	11 30.9	21.4
375712 2009 PK_{19}	17.5	X	103.99783	31.75357	243.73938	0.40230	0.2122651	0.26076593	2.4264358	21	12 3.0	21.3
375713 2009 PK_{21}	16.6	X	353.84881	167.05676	254.62768	10.16240	0.1218284	0.26286074	2.4135274	21	—	—
375714 2009 QE_{9}	16.5	X	51.10601	95.90316	215.44133	10.41286	0.2197727	0.25685432	2.4510084	21	11 27.2	19.8
375715 2009 QF_{19}	17.3	X	59.64814	122.25864	179.70710	2.07129	0.2031853	0.25858313	2.4400717	21	11 22.8	20.5
375716 2009 QJ_{20}	17.2	X	69.99043	342.13924	359.98175	4.48818	0.1716951	0.26663580	2.3906926	21	—	—
375717 2009 QO_{20}	17.5	X	55.91229	303.22015	35.27071	2.74467	0.2327213	0.26236616	2.4165595	21	—	—
375718 2009 QU_{20}	17.1	X	98.43573	330.90981	326.21760	9.22404	0.1149435	0.26643384	2.3919006	21	12 19.4	20.8
375719 2009 QK_{21}	17.7	X	32.54666	345.57685	335.68991	4.97129	0.2061851	0.25488500	2.4636170	21	11 11.2	20.7
375720 2009 QF_{23}	17.3	X	65.58061	357.72693	340.63001	6.64522	0.1418693	0.26525431	2.3989862	21	—	—
375721 2009 QG_{32}	17.2	X	2.66779	45.89582	330.77872	6.20147	0.2089928	0.25728076	2.4482993	21	12 12.4	19.6
375722 2009 QK_{32}	17.7	X	27.26230	267.12383	144.58939	3.20512	0.1760482	0.26933745	2.3746789	21	—	—
375723 2009 QM_{38}	16.8	X	248.08876	211.05857	233.47298	6.86406	0.1583094	0.24222505	2.5487272	21	8 16.7	20.5
375724 2009 QO_{40}	17.6	X	40.35608	28.66132	315.17999	1.65501	0.1976486	0.25912974	2.4366391	21	12 22.9	20.6
375725 2009 QD_{44}	16.9	X	344.10049	324.47866	348.47226	14.19698	0.1192932	0.23895970	2.5718933	21	7 25.2	19.8
375726 2009 QB_{45}	18.3	X	323.89934	27.95513	331.57607	5.90528	0.2821354	0.24341677	2.5404017	21	7 31.7	20.2
375727 2009 QD_{47}	17.1	X	76.53140	299.45860	19.01548	7.21097	0.1558764	0.26227320	2.4171305	21	12 26.3	20.7
375728 2009 QM_{47}	17.5	X	13.09588	260.64573	112.84143	3.50969	0.2016605	0.25575632	2.4580184	21	12 24.6	20.0
375729 2009 QT_{56}	16.6	X	32.18892	54.59238	350.10935	12.27342	0.1282684	0.26950097	2.3737182	21	—	—
375730 2009 QK_{63}	16.1	X	316.90081	61.45114	257.91356	12.26051	0.1528954	0.22022275	2.7157801	21	6 5.5	19.0
375731 2009 RY_{7}	17.6	X	320.57131	175.00474	290.10086	1.54539	0.1746651	0.25989702	2.4318410	21	—	—
375732 2009 RM_{12}	17.5	X	351.56707	42.06265	14.48269	2.93592	0.1266800	0.25764546	2.4459884	21	—	—
375733 2009 RC_{31}	16.7	X	69.12240	276.90758	336.92666	4.07024	0.1474563	0.24267397	2.5455829	21	9 20.9	20.1
375734 2009 RQ_{34}	17.3	X	359.31764	76.31983	198.06023	5.98548	0.0628410	0.22722205	2.6597189	21	6 21.5	20.6
375735 2009 RC_{35}	16.9	X	241.80100	85.73946	18.84569	13.39990	0.2435124	0.23586738	2.5943235	21	9 3.2	21.0
375736 2009 RA_{39}	17.4	X	126.74774	49.33626	237.84124	7.21286	0.1315870	0.26497641	2.4006632	21	—	—
375737 2009 RL_{47}	17.5	X	306.10975	147.87538	215.45084	1.09323	0.1559019	0.23695670	2.5863664	21	7 20.1	20.4
375738 2009 RU_{50}	17.6	X	271.65179	22.70036	0.42840	1.72845	0.2280887	0.23163232	2.6258502	21	6 16.8	21.2
375739 2009 RF_{54}	17.3	X	255.28742	31.99151	63.76352	2.58402	0.1017484	0.24071003	2.5594103	21	9 22.7	20.7
375740 2009 RU_{58}	17.0	X	257.79777	84.92554	29.48391	16.41030	0.1862902	0.24305088	2.5429506	21	10 10.1	20.4
375741 2009 RE_{62}	16.3	X	244.57938	25.44531	22.12176	14.75374	0.2198904	0.22801731	2.6535311	21	6 20.2	20.8
375742 2009 RW_{71}	17.6	X	300.12847	315.68286	10.72923	1.73056	0.1864378	0.22880324	2.6474510	21	5 13.7	21.0
375743 2009 SG_{12}	17.8	X	263.26806	71.77607	330.41894	1.37416	0.2286589	0.23473929	2.6026286	21	7 2.6	21.7
375744 2009 SG_{29}	16.2	X	299.86982	327.55997	14.02391	11.88313	0.1108965	0.23128529	2.6284761	21	6 14.9	19.8
375745 2009 SU_{33}	16.7	X	38.74391	239.00736	6.08861	13.20510	0.2171579	0.23317964	2.6142210	21	8 11.3	19.7
375746 2009 SY_{39}	18.0	X	247.28028	183.17112	204.15075	4.83926	0.1464827	0.22642074	2.6659904	21	6 5.7	21.9
375747 2009 SP_{40}	17.5	X	340.96154	174.50285	201.12507	10.55462	0.0932363	0.24574787	2.5243111	21	10 17.2	20.1
375748 2009 ST_{40}	17.1	X	310.19208	290.31777	10.27613	4.04398	0.0717599	0.22257884	2.6965810	21	5 10.9	20.6
375749 2009 SL_{41}	17.9	X	331.22642	108.10176	313.07711	0.59221	0.1720339	0.25506445	2.4624614	21	12 9.7	20.0
375750 2009 SJ_{42}	17.0	X	225.55288	212.66518	287.84537	3.83815	0.1111400	0.24469353	2.5315571	21	10 10.4	20.7
375751 2009 SU_{42}	17.0	X	212.05325	225.47466	227.24588	8.77438	0.1400857	0.22944165	2.6425378	21	7 21.2	21.3
375752 2009 SU_{52}	17.1	X	163.87438	22.37580	197.10708	5.79150	0.0806484	0.25972659	2.4329047	21	11 19.4	20.6
375753 2009 SL_{56}	16.6	X	35.81368	236.30159	324.33652	6.61453	0.0245718	0.21795597	2.7345773	21	5 1.8	20.3
375754 2009 SX_{63}	17.7	X	3.56540	78.26131	290.04967	0.41762	0.1947532	0.25385989	2.4702448	21	11 29.1	20.1
375755 2009 SF_{77}	16.9	X	342.17245	230.19157	115.85008	5.08392	0.0669264	0.23911228	2.5707991	21	9 7.4	19.8
375756 2009 SJ_{77}	16.2	X	39.04193	68.87147	187.21125	17.13680	0.1850060	0.23385788	2.6091640	21	8 12.5	19.4
375757 2009 SV_{81}	17.7	X	38.68800	34.65617	348.26498	0.93386	0.1976405	0.26392004	2.4070649	21	—	—
375758 2009 SP_{96}	17.0	X	302.09264	199.57190	206.97744	3.24665	0.1883182	0.23816827	2.5775877	21	9 9.0	19.7
375759 2009 SU_{100}	16.4	X	322.07352	308.46697	22.20146	32.08366	0.3009430	0.23529172	2.5985533	21	5 20.7	19.8
375760 2009 ST_{110}	17.1	X	252.18167	253.79530	167.13300	25.53329	0.3339279	0.23002775	2.6380472	21	7 4.4	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375761 2009 SS_{112}	17.0	X	105.19402	55.19237	213.77673	8.44228	0.2154884	0.25890937	2.4380216	21	11 26.7	21.0
375762 2009 SN_{118}	17.6	X	298.99304	214.63595	249.00968	2.19909	0.1482971	0.25441537	2.4666479	21	12 6.7	19.9
375763 2009 SN_{125}	17.0	X	30.20797	335.41207	342.23782	6.02399	0.1199901	0.24718999	2.5144835	21	10 17.8	20.0
375764 2009 SJ_{130}	16.5	X	41.04114	46.11239	189.64428	13.10589	0.2117021	0.23067194	2.6331335	21	7 22.1	19.6
375765 2009 SV_{131}	16.9	X	335.18789	240.74352	27.37408	13.37820	0.2429954	0.22647046	2.6656002	21	4 10.9	19.6
375766 2009 SC_{134}	17.4	X	281.01833	308.34016	49.11857	7.30492	0.0834434	0.22843491	2.6502961	21	6 15.1	20.9
375767 2009 SM_{137}	16.9	X	71.08040	235.84564	18.48453	5.91986	0.1296205	0.23962544	2.5671274	21	9 23.4	20.2
375768 2009 SJ_{138}	16.7	X	50.80250	79.04626	200.66249	14.55515	0.0847130	0.24090560	2.5580250	21	9 19.7	20.1
375769 2009 SN_{146}	16.7	X	222.22783	75.40970	30.43301	12.43161	0.0841789	0.23574254	2.5952393	21	9 1.8	20.6
375770 2009 SU_{149}	17.6	X	345.91346	313.13896	343.53560	7.61498	0.2159130	0.23684839	2.5871548	21	6 20.9	19.9
375771 2009 ST_{150}	17.6	X	24.15597	168.46251	202.19693	6.15975	0.1441514	0.25726954	2.4483705	21	12 27.8	20.6
375772 2009 SX_{152}	17.5	X	335.12740	223.41560	204.57665	3.70619	0.2046262	0.25758397	2.4463776	21	—	—
375773 2009 SD_{156}	16.9	X	159.64968	358.49172	186.71869	3.43961	0.0860528	0.24347635	2.5399872	21	9 28.9	20.6
375774 2009 SX_{156}	17.0	X	234.47513	260.80124	184.00484	13.12845	0.1383312	0.23475793	2.6024908	21	8 3.8	21.2
375775 2009 SL_{160}	17.7	X	4.54102	69.76951	256.90537	2.81637	0.2484182	0.24456690	2.5324308	21	10 2.5	19.8
375776 2009 SZ_{200}	16.4	X	293.24840	304.72060	35.52828	13.98497	0.2840306	0.22957555	2.6415102	21	5 7.1	20.0
375777 2009 SH_{230}	16.8	X	11.39671	337.22169	31.00320	13.71659	0.1929306	0.25393598	2.4697513	21	12 10.1	19.7
375778 2009 SA_{239}	16.6	X	357.29594	166.15634	145.94910	14.54086	0.2947700	0.24174677	2.5520877	21	8 22.9	17.9
375779 2009 SK_{245}	17.6	X	13.83784	322.94258	73.78909	1.30151	0.1645308	0.26015480	2.4302344	21	—	—
375780 2009 SU_{281}	17.4	X	105.79241	263.21341	73.18471	3.84124	0.1123064	0.26898475	2.3767543	21	—	—
375781 2009 SU_{284}	17.8	X	316.38636	42.28228	349.42773	3.00073	0.1726276	0.24569829	2.5246507	21	9 19.5	20.1
375782 2009 SE_{285}	16.9	X	328.69183	64.05658	359.52178	8.94151	0.0753761	0.25651721	2.4531553	21	12 3.1	19.8
375783 2009 SC_{290}	16.3	X	193.82883	41.15573	38.53163	14.11496	0.1357882	0.22310797	2.6923158	21	6 17.4	20.7
375784 2009 SZ_{291}	17.1	X	51.38154	198.37711	129.64608	6.26336	0.2133575	0.25977733	2.4325879	21	12 18.1	20.5
375785 2009 SF_{295}	17.0	X	251.08918	0.37281	92.34251	4.97504	0.1125079	0.24014239	2.5634420	21	9 12.7	20.5
375786 2009 SZ_{296}	16.5	X	316.71293	353.97048	351.59422	14.06743	0.1772476	0.23604380	2.5930307	21	7 13.7	19.6
375787 2009 SB_{309}	17.6	X	282.40879	216.28453	174.43011	8.19600	0.1506927	0.23960154	2.5672982	21	7 21.6	21.0
375788 2009 SR_{309}	16.9	X	23.24736	248.46594	355.30182	12.78909	0.2384036	0.23243273	2.6198184	21	7 5.6	19.4
375789 2009 SU_{327}	17.1	X	43.06190	339.00534	53.01007	6.15416	0.0137006	0.26416445	2.4055800	21	—	—
375790 2009 SN_{328}	16.1	X	261.37151	196.28358	205.43607	32.41229	0.1527856	0.23173614	2.6250658	21	7 3.4	20.7
375791 2009 SO_{332}	16.7	X	233.66064	83.23659	351.06134	12.15299	0.2477937	0.22955277	2.6416850	21	7 15.7	21.2
375792 2009 SN_{339}	16.9	X	183.01860	15.09291	60.88023	9.08258	0.2036098	0.21381763	2.7697488	21	6 3.8	21.7
375793 2009 SR_{339}	16.6	X	189.08933	214.04855	220.95222	7.85017	0.1262934	0.21515380	2.7582695	21	6 8.7	20.9
375794 2009 SA_{346}	17.5	X	245.28668	346.30909	96.50067	3.69252	0.0817167	0.23705415	2.5856575	21	8 25.9	20.9
375795 2009 SW_{356}	17.6	X	304.53467	220.13959	104.69604	3.67523	0.1552589	0.22883985	2.6471686	21	5 24.3	20.9
375796 2009 SY_{358}	17.7	X	280.25876	316.02134	151.58993	1.70427	0.1335711	0.25345705	2.4728616	21	11 10.9	20.5
375797 2009 SU_{363}	16.8	X	226.75951	134.23927	58.33686	5.21834	0.0815578	0.26228989	2.4170280	21	12 28.1	19.9
375798 2009 TA_{4}	17.2	X	339.00082	175.04146	186.78995	13.26403	0.1819633	0.24185246	2.5513442	21	9 21.3	19.5
375799 2009 TO_{11}	17.3	X	314.68919	300.23185	49.57373	10.08107	0.1961205	0.23532646	2.5982975	21	7 10.2	20.2
375800 2009 TM_{12}	17.7	X	85.90902	102.80249	210.70745	5.19560	0.2392205	0.26484049	2.4014845	21	—	—
375801 2009 TC_{14}	16.7	X	294.36866	18.79350	21.87374	12.08328	0.2507681	0.23769424	2.5810135	21	8 13.9	19.9
375802 2009 TM_{14}	16.8	X	311.74751	14.32688	40.86723	16.48079	0.2395529	0.24280278	2.5446826	21	10 13.4	18.9
375803 2009 TQ_{15}	17.4	X	300.41035	271.98899	91.37408	5.16194	0.2300698	0.23519554	2.5992616	21	6 28.0	20.3
375804 2009 TW_{15}	16.2	X	28.50489	307.98904	61.28961	11.73471	0.0647816	0.25521825	2.4614720	21	12 19.0	19.3
375805 2009 TY_{19}	17.9	X	342.49880	158.71349	191.47446	2.25144	0.0636784	0.23905685	2.5711964	21	9 11.3	20.9
375806 2009 TE_{22}	17.5	X	27.88501	154.60408	229.08118	5.26103	0.2286372	0.25886412	2.4383056	21	—	—
375807 2009 TV_{36}	16.4	X	334.66961	167.84904	264.85260	8.98948	0.2040510	0.25497023	2.4630680	21	—	—
375808 2009 TR_{38}	16.6	X	11.49512	181.13956	228.78176	14.12696	0.1173486	0.26097919	2.4251138	21	—	—
375809 2009 TS_{39}	17.3	X	257.24203	173.33919	242.70899	1.41853	0.1942318	0.23168099	2.6254824	21	7 18.2	21.0
375810 2009 TG_{42}	17.8	X	222.57186	254.32818	218.09372	3.74016	0.1680913	0.23372062	2.6101855	21	8 25.1	21.8
375811 2009 TZ_{45}	16.9	X	304.79328	33.68416	281.90600	4.70297	0.1385826	0.22268711	2.6957069	21	5 13.1	20.4
375812 2009 UA_{2}	16.6	X	336.82442	129.05171	218.45060	28.11614	0.1639179	0.23816441	2.5776156	21	8 14.0	20.0
375813 2009 UU_{4}	17.3	X	357.10078	69.85414	270.64522	3.02173	0.1407431	0.24204078	2.5500206	21	9 24.9	19.8
375814 2009 UF_{16}	16.9	X	227.94697	62.59189	3.44510	12.45540	0.1568025	0.22595363	2.6696634	21	7 6.1	21.3
375815 2009 UT_{25}	16.5	X	274.25789	340.64269	62.88681	13.94688	0.1539081	0.23324726	2.6137157	21	8 1.7	20.2
375816 2009 UP_{26}	17.1	X	294.33077	181.92013	191.50177	5.00144	0.2150607	0.23305725	2.6151361	21	7 4.9	20.5
375817 2009 UW_{27}	16.8	X	227.10463	191.06098	248.13662	5.63249	0.0978135	0.22909639	2.6451921	21	7 24.4	20.8
375818 2009 UZ_{27}	17.2	X	299.47515	130.10305	243.65096	4.15650	0.2306642	0.23507607	2.6001422	21	7 10.8	20.2
375819 2009 UO_{35}	17.2	X	264.13341	181.47571	212.04378	1.54901	0.1543844	0.22707567	2.6608618	21	7 1.8	21.0
375820 2009 UV_{41}	16.4	X	334.45380	235.40161	30.25974	16.15796	0.1041466	0.21987498	2.7186430	21	4 25.4	19.8
375821 2009 UC_{47}	17.1	X	163.37792	38.73602	50.28748	3.89144	0.1699282	0.21366810	2.7710408	21	6 2.3	21.6
375822 2009 UN_{47}	17.5	X	266.86665	91.40048	234.41993	7.88877	0.2056213	0.21812684	2.7331491	21	3 31.6	21.9
375823 2009 UB_{62}	17.0	X	262.61276	35.72783	136.56831	3.72516	0.1141493	0.26453115	2.4033563	21	—	—
375824 2009 UA_{69}	16.6	X	14.74343	31.77692	7.72770	7.00761	0.1208650	0.26241432	2.4162639	21	—	—
375825 2009 UQ_{72}	16.9	X	301.62376	261.28042	71.03128	6.94447	0.2898405	0.22953699	2.6418060	21	5 8.9	20.3
375826 2009 UC_{73}	17.2	X	41.60901	7.00250	6.39138	6.99590	0.1540306	0.26339271	2.4102766	21	—	—
375827 2009 UO_{78}	16.9	X	346.64704	239.56845	218.88675	4.28454	0.0901600	0.26320728	2.4114085	21	—	—
375828 2009 UD_{81}	17.2	X	235.14112	185.32088	261.90505	2.64746	0.1768413	0.23152903	2.6266311	21	8 5.4	21.1
375829 2009 UB_{86}	18.2	X	322.17847	342.01364	21.52350	5.34717	0.2256914	0.24337385	2.5407003	21	8 14.1	20.3
375830 2009 UF_{87}	16.9	X	294.67596	258.67175	154.37902	4.88127	0.2449972	0.23884161	2.5727410	21	8 27.5	19.5
375831 2009 UO_{87}	16.2	X	332.32606	110.42708	235.18582	13.73606	0.1337873	0.23498937	2.6007817	21	8 7.9	19.3
375832 Yurijmedvedev	16.8	X	300.50877	331.83884	54.17490	4.68538	0.2092448	0.23444215	2.6048272	21	8 5.9	19.6
375833 2009 UQ_{100}	17.3	X	354.19275	127.98780	205.25169	8.01432	0.1799115	0.23911642	2.5707694	21	9 8.6	19.7
375834 2009 UW_{108}	16.5	X	236.58773	34.06067	55.34480	13.47952	0.1455320	0.23095779	2.6309603	21	8 20.6	20.6
375835 2009 UV_{112}	16.3	X	244.91060	343.65949	55.63673	8.71723	0.1170121	0.22417364	2.6837766	21	6 21.3	20.3
375836 2009 UB_{117}	17.1	X	323.04286	317.64208	314.76607	4.97201	0.0076837	0.21544412	2.7557911	21	4 29.0	20.8
375837 2009 UR_{123}	16.4	X	295.37140	166.89440	198.44562	14.64225	0.1929311	0.23272522	2.6176229	21	6 27.9	20.0
375838 2009 UF_{128}	16.6	X	65.50158	61.45058	229.58574	13.83325	0.0735744	0.24122761	2.5557481	21	10 24.1	20.0
375839 2009 UO_{130}	16.7	X	309.68457	293.30986	56.41729	16.28132	0.2974348	0.23324066	2.6137650	21	6 9.4	19.7
375840 2009 UR_{136}	16.5	X	301.28279	180.40929	207.07288	12.70819	0.1653489	0.23564769	2.5959357	21	8 10.2	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375841 2009 UY_{137}	16.8	X	249.16706	229.60634	227.56433	10.43515	0.1074227	0.23606900	2.5928461	21	9 9.5	20.6
375842 2009 UQ_{141}	17.1	X	32.68949	38.92155	287.22615	2.07708	0.1256624	0.24641974	2.5197206	21	11 4.7	20.0
375843 2009 UK_{148}	17.4	X	143.84193	336.16955	196.96321	4.01669	0.0825825	0.22898380	2.6460591	21	8 24.3	21.2
375844 2009 UT_{149}	16.9	X	277.97607	58.82525	280.04691	4.72208	0.0390157	0.21485867	2.7607948	21	5 24.2	20.7
375845 2009 UJ_{151}	17.0	X	235.86244	357.31605	52.71339	5.63373	0.1105455	0.22185742	2.7024235	21	6 26.2	20.9
375846 2009 UR_{151}	17.2	X	283.92391	67.36228	346.19967	4.55395	0.2120198	0.23717766	2.5847599	21	8 17.3	20.2
375847 2009 UQ_{152}	16.6	X	162.16583	48.86341	27.40733	9.47499	0.1295087	0.21220790	2.7837380	21	5 12.9	21.0
375848 2009 UZ_{152}	15.9	X	15.41119	292.77118	35.62374	12.66647	0.2231266	0.24052334	2.5607346	21	10 26.1	18.3
375849 2009 VL_{6}	16.9	X	291.97290	298.91662	37.35518	7.66605	0.1978253	0.22690624	2.6621861	21	5 13.8	20.6
375850 2009 VD_{7}	17.1	X	355.92236	338.86642	341.50149	3.61730	0.3231264	0.24068964	2.5595549	21	9 5.2	17.9
375851 2009 VE_{9}	17.3	X	295.17216	353.22082	344.34327	2.57221	0.1075658	0.22564157	2.6721242	21	6 3.9	20.8
375852 2009 VZ_{11}	16.9	X	169.20048	82.19171	37.02650	7.70759	0.0475254	0.22471910	2.6794319	21	7 15.1	20.8
375853 2009 VG_{13}	17.6	X	301.64215	232.72801	256.56556	1.66635	0.1437042	0.25582241	2.4575951	21	—	—
375854 2009 VA_{14}	16.8	X	270.46331	276.51406	36.63711	12.53712	0.1019532	0.21346871	2.7727661	21	4 6.3	20.8
375855 2009 VQ_{14}	17.2	X	57.93949	296.96955	349.54726	3.82259	0.1452517	0.24293570	2.5437542	21	10 19.5	20.6
375856 2009 VZ_{16}	17.4	X	284.78258	346.35659	48.39548	2.52494	0.1656498	0.23103706	2.6303585	21	7 30.5	20.7
375857 2009 VG_{17}	16.7	X	315.41870	86.25778	298.74742	3.39537	0.1703362	0.23801332	2.5787063	21	9 4.9	19.2
375858 2009 VW_{18}	17.2	X	273.04207	97.95175	325.19904	2.09250	0.1709188	0.23487827	2.6016018	21	8 20.6	20.6
375859 2009 VC_{22}	16.6	X	260.53980	17.38657	68.41167	14.60042	0.1234812	0.23534101	2.5981904	21	9 20.0	20.3
375860 2009 VX_{22}	16.3	X	199.51004	293.02820	234.76257	14.78585	0.0950032	0.23879657	2.5730644	21	10 16.4	20.2
375861 2009 VM_{28}	16.6	X	277.55690	172.14684	231.62223	5.69666	0.1844108	0.23150680	2.6267992	21	7 26.9	20.1
375862 2009 VV_{32}	16.2	X	321.13770	79.45876	261.90030	10.69163	0.0243327	0.22620967	2.6676485	21	7 26.6	19.7
375863 2009 VL_{33}	16.9	X	141.55537	187.35627	5.59210	8.02510	0.0408828	0.23482818	2.6019717	21	9 17.4	20.4
375864 2009 VZ_{33}	16.5	X	342.86500	331.27998	335.08266	2.07925	0.0211218	0.22609323	2.6685643	21	7 13.1	20.0
375865 2009 VP_{35}	17.2	X	257.10554	26.08149	29.68443	6.58760	0.1413326	0.23000301	2.6382364	21	7 27.2	20.9
375866 2009 VV_{38}	16.8	X	345.65855	18.29148	322.28027	2.48114	0.1968241	0.23744806	2.5827971	21	9 2.5	19.0
375867 2009 VR_{39}	17.3	X	233.15201	29.84259	36.97505	3.15202	0.1641632	0.22684413	2.6626721	21	7 10.4	21.4
375868 2009 VW_{39}	16.3	X	256.48150	246.94267	229.03811	14.25360	0.0736191	0.24286056	2.5442789	21	10 23.2	19.5
375869 2009 VV_{41}	17.0	X	285.02592	219.93427	177.03949	2.45907	0.2014460	0.23300216	2.6155483	21	7 26.6	20.2
375870 2009 VM_{45}	17.0	X	285.43797	27.76138	4.97064	3.95545	0.2510501	0.23244011	2.6197630	21	7 14.6	20.5
375871 2009 VK_{46}	16.8	X	233.95732	280.07282	136.51605	3.41468	0.0805684	0.22523997	2.6752995	21	7 5.6	20.5
375872 2009 VL_{46}	17.6	X	265.31610	327.75589	82.64394	5.22772	0.2121812	0.23133046	2.6281340	21	7 18.5	21.3
375873 2009 VQ_{50}	16.4	X	344.69798	74.61684	254.83977	4.23791	0.0842110	0.23212887	2.6221042	21	8 13.7	19.5
375874 2009 VT_{50}	16.1	X	310.74731	68.66319	241.84511	11.02801	0.0625248	0.21838397	2.7310032	21	5 28.2	19.4
375875 2009 VO_{51}	16.6	X	326.33311	349.73298	17.42974	7.41944	0.1520029	0.23718056	2.5847388	21	9 6.5	19.1
375876 2009 VC_{57}	15.7	X	51.69532	183.25179	277.74365	16.41325	0.1636075	0.18181859	3.0858669	21	1 29.5	19.4
375877 2009 VY_{57}	16.5	X	254.83894	268.77360	80.38191	8.32315	0.1762130	0.21830445	2.7316664	21	4 25.9	20.9
375878 2009 VL_{58}	17.3	X	264.04109	200.68622	193.41207	5.05354	0.0856995	0.22750591	2.6575060	21	7 11.7	21.0
375879 2009 VU_{58}	16.8	X	210.49426	199.94791	303.70503	4.73329	0.0491596	0.24087174	2.5582647	21	10 2.9	20.5
375880 2009 VX_{60}	16.4	X	198.31634	224.38994	223.22598	11.76945	0.0527133	0.22521604	2.6754890	21	7 4.6	20.5
375881 2009 VH_{61}	17.3	X	275.80604	101.49004	298.27403	1.37839	0.1922070	0.23136280	2.6278891	21	7 19.7	20.7
375882 2009 VL_{62}	17.1	X	257.73780	341.00647	60.07084	4.96511	0.2437895	0.22716812	2.6601398	21	6 23.4	21.3
375883 2009 VS_{62}	16.5	X	182.93368	251.35311	235.86962	6.99159	0.1483551	0.22343872	2.6896582	21	8 5.0	20.9
375884 2009 VD_{63}	16.4	X	198.54405	17.99902	68.97225	5.81061	0.1083406	0.22004014	2.7172824	21	7 4.0	20.6
375885 2009 VE_{63}	16.7	X	203.70231	225.79159	245.89438	7.36261	0.0893202	0.22590747	2.6700270	21	8 8.6	20.8
375886 2009 VO_{71}	17.2	X	274.87260	256.47954	173.33180	1.19089	0.1431061	0.23468747	2.6030117	21	9 5.8	20.3
375887 2009 VR_{71}	17.2	X	321.32395	154.35259	214.55501	2.66738	0.0863552	0.23622744	2.5916866	21	8 31.9	20.2
375888 2009 VG_{72}	17.2	X	336.15926	232.59167	136.78289	5.14657	0.2718878	0.24230381	2.5481748	21	9 28.4	18.6
375889 2009 VJ_{72}	17.1	X	302.09656	310.87030	89.15458	8.15718	0.2511653	0.23787386	2.5797140	21	8 24.2	19.8
375890 2009 VN_{72}	16.9	X	287.48578	258.54116	119.93603	7.00117	0.2855974	0.23191943	2.6236826	21	6 21.7	20.5
375891 2009 VZ_{75}	17.1	X	337.84226	136.67521	191.00182	3.52223	0.2915830	0.23548132	2.5971582	21	7 11.6	18.9
375892 2009 VQ_{82}	17.1	X	233.18928	177.91214	230.84014	7.45406	0.1632027	0.22143187	2.7058848	21	6 16.7	21.3
375893 2009 VB_{83}	16.5	X	298.04096	52.81609	292.83678	5.22609	0.0791668	0.22584170	2.6705454	21	6 24.5	20.0
375894 2009 VL_{85}	17.1	X	328.29108	318.11899	71.16765	6.42965	0.1274805	0.24076964	2.5589879	21	10 15.9	19.7
375895 2009 VF_{86}	17.0	X	10.31384	114.50055	211.72797	4.09063	0.1340111	0.23713582	2.5850639	21	9 28.4	19.7
375896 2009 VZ_{86}	16.8	X	124.10714	278.15295	188.46279	4.20706	0.0271397	0.20866969	2.8151172	21	5 1.2	20.6
375897 2009 VN_{87}	16.9	X	250.46291	181.59665	176.18210	3.79879	0.1115491	0.21555194	2.7548720	21	5 6.9	20.9
375898 2009 VU_{91}	16.7	X	266.28907	240.83017	190.73631	11.06190	0.1575305	0.23409702	2.6073868	21	8 22.1	20.4
375899 2009 VQ_{92}	16.7	X	334.02147	222.74560	121.10355	3.50751	0.1070401	0.23294865	2.6159489	21	8 17.7	19.4
375900 2009 VP_{94}	16.5	X	118.27583	158.85792	264.72863	7.02758	0.0150927	0.19814138	2.9139757	21	2 23.5	20.7
375901 2009 VA_{95}	16.8	X	235.95890	90.63192	294.30653	3.13573	0.1051951	0.21640688	2.7476116	21	5 24.7	21.0
375902 2009 VB_{95}	17.0	X	250.67897	35.29137	47.02423	3.30110	0.1164045	0.23019845	2.6367429	21	8 26.9	20.6
375903 2009 VQ_{96}	17.2	X	16.54016	228.31248	130.01196	1.60914	0.1696845	0.24603005	2.5223806	21	12 1.8	20.1
375904 2009 VJ_{105}	16.4	X	336.73868	52.90970	310.50708	6.83972	0.1982937	0.24049801	2.5609144	21	9 15.1	18.5
375905 2009 VU_{107}	16.1	X	142.57663	0.53467	220.50175	14.52232	0.0567681	0.24415096	2.5353062	21	10 25.0	19.6
375906 2009 VL_{110}	16.9	X	335.71662	7.50333	359.01214	6.48755	0.1659973	0.24021044	2.5629578	21	9 22.1	19.3
375907 2009 VX_{113}	17.2	X	237.04058	201.02469	209.34538	2.04623	0.1097430	0.22272473	2.6954033	21	6 27.9	21.1
375908 2009 VZ_{113}	17.0	X	140.55686	113.53771	336.02781	1.11517	0.0192492	0.20736731	2.8268918	21	4 27.7	20.8
375909 2009 VH_{114}	16.9	X	250.37322	333.81463	53.15871	5.44294	0.1043137	0.21925349	2.7237780	21	6 13.1	20.9
375910 2009 WP_{9}	16.5	X	298.02911	285.24685	78.20723	9.78970	0.1496910	0.23054627	2.6340902	21	7 8.4	19.7
375911 2009 WP_{10}	16.3	X	196.62970	249.87607	219.51214	11.85697	0.1232170	0.22292281	2.6938064	21	7 26.4	20.7
375912 2009 WY_{14}	17.2	X	171.30875	284.98841	167.72641	3.58415	0.0624263	0.21477298	2.7615291	21	6 11.9	21.3
375913 2009 WY_{18}	17.3	X	297.99442	119.11796	196.51401	4.55435	0.1072458	0.21943156	2.7223042	21	5 10.7	20.8
375914 2009 WV_{23}	16.1	X	315.90019	328.58661	20.10254	13.53800	0.1799437	0.23360938	2.6110140	21	7 15.9	19.2
375915 2009 WL_{26}	16.1	X	165.43439	257.56666	227.29255	12.31817	0.0731721	0.22589071	2.6701591	21	7 14.2	20.3
375916 2009 WF_{28}	16.8	X	190.68590	192.20619	254.63014	3.99574	0.1360168	0.21913686	2.7247443	21	6 24.9	21.2
375917 2009 WL_{28}	17.0	X	290.20842	109.20992	275.18689	0.97786	0.1150110	0.23080194	2.6321446	21	7 31.3	20.2
375918 2009 WY_{35}	17.0	X	206.62923	115.73933	37.68209	13.54386	0.1012158	0.24350486	2.5397889	21	10 11.9	20.7
375919 2009 WE_{37}	16.6	X	206.24064	46.04160	50.23882	7.35013	0.0848422	0.22391739	2.6858237	21	7 27.7	20.6
375920 2009 WB_{41}	17.0	X	170.65106	50.69475	71.30080	2.29444	0.1538255	0.21822419	2.7323361	21	7 20.7	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
375921 2009 WK_{41}	16.6	X	166.27937	178.66362	253.33937	4.37328	0.1091817	0.20867338	2.8150839	21	5 12.2	20.9
375922 2009 WY_{41}	16.6	X	288.94773	250.70918	41.78141	2.55603	0.0303183	0.20382781	2.8595241	21	4 10.9	20.5
375923 2009 WB_{43}	16.6	X	243.66522	344.10542	84.65193	14.53948	0.1397207	0.22706108	2.6609758	21	7 28.3	20.6
375924 2009 WE_{44}	16.9	X	236.23260	150.55503	304.25906	4.31102	0.0581304	0.23427019	2.6061017	21	8 30.7	20.5
375925 2009 WV_{46}	16.8	X	331.60689	246.29051	97.82685	6.41118	0.1925372	0.23555396	2.5966243	21	8 7.2	19.1
375926 2009 WX_{46}	16.6	X	200.53528	247.91767	206.56576	10.96044	0.1585661	0.22360218	2.6883472	21	7 11.4	21.2
375927 2009 WY_{52}	15.8	X	181.02775	224.91019	243.88231	13.06167	0.0681026	0.22110816	2.7085251	21	7 11.2	20.0
375928 2009 WU_{62}	16.9	X	150.20635	293.69389	184.24390	4.97255	0.0718536	0.21675279	2.7446876	21	6 20.6	21.0
375929 2009 WZ_{64}	16.8	X	214.24296	55.57507	46.85133	14.12185	0.1886847	0.22634666	2.6665720	21	8 9.5	21.4
375930 2009 WD_{65}	16.7	X	264.51729	19.07584	24.82995	15.57340	0.1401451	0.23513836	2.5996830	21	7 23.5	20.6
375931 2009 WH_{68}	16.5	X	273.41339	169.89254	218.34479	12.61489	0.0491219	0.22713996	2.6603596	21	7 19.4	20.3
375932 2009 WP_{75}	17.6	X	294.52699	306.27719	98.65196	4.50303	0.2243446	0.23608785	2.5927081	21	8 20.4	20.5
375933 2009 WQ_{75}	16.8	X	290.81915	209.10805	166.03604	2.47865	0.1055081	0.22859840	2.6490323	21	7 20.4	20.1
375934 2009 WW_{75}	17.0	X	280.52570	265.91004	95.90096	6.49362	0.0968302	0.22327739	2.6909536	21	6 19.1	20.5
375935 2009 WU_{82}	16.9	X	12.77877	341.29289	339.72759	5.58252	0.1233684	0.23710862	2.5852616	21	9 23.6	19.6
375936 2009 WG_{84}	17.4	X	305.69586	32.44275	331.01055	4.45225	0.0241968	0.22837962	2.6507238	21	8 7.9	20.7
375937 2009 WR_{87}	16.8	X	279.21497	16.50877	20.06467	4.79848	0.0947286	0.22958606	2.6414296	21	8 6.5	20.2
375938 2009 WT_{87}	17.4	X	254.85582	70.81063	3.00299	3.26509	0.0802497	0.23101076	2.6305581	21	8 25.4	20.8
375939 2009 WH_{88}	17.4	X	14.95246	122.13752	168.56150	2.36410	0.0122317	0.22545744	2.6735788	21	8 5.4	20.7
375940 2009 WF_{101}	16.8	X	105.09986	63.07435	89.88409	5.88350	0.0264144	0.21567407	2.7538319	21	6 5.7	20.4
375941 2009 WE_{102}	16.2	X	69.31503	223.48056	38.34799	12.47919	0.2380722	0.24005651	2.5640534	21	10 17.1	19.9
375942 2009 WB_{104}	16.3	X	186.88291	127.38664	24.88588	13.44564	0.1072088	0.23331996	2.6131728	21	9 19.2	20.3
375943 2009 WG_{121}	17.6	X	244.35112	142.16843	280.48775	0.86986	0.1286060	0.22713300	2.6604140	21	7 20.5	21.4
375944 2009 WJ_{126}	16.0	X	355.77220	65.12000	243.85393	12.41529	0.1906729	0.22941137	2.6427703	21	7 31.4	18.7
375945 2009 WA_{131}	16.6	X	309.61280	72.58065	252.57717	5.68232	0.0729462	0.21845115	2.7304433	21	6 14.1	20.1
375946 2009 WY_{133}	16.8	X	292.44952	297.76954	54.80112	6.83083	0.0654789	0.22510431	2.6763742	21	6 28.0	20.2
375947 2009 WG_{142}	16.8	X	352.37796	351.52460	346.54224	5.49096	0.2997042	0.24122437	2.5557709	21	9 22.9	18.2
375948 2009 WM_{153}	16.5	X	162.91435	136.49004	26.93541	12.05304	0.1242152	0.22874085	2.6479324	21	9 8.8	20.7
375949 2009 WH_{165}	16.5	X	200.53935	323.51267	71.83030	5.39808	0.0748901	0.20929112	2.8095419	21	5 3.2	20.7
375950 2009 WL_{165}	16.2	X	113.76596	193.78876	66.83878	11.78786	0.0864960	0.24058354	2.5603074	21	11 15.1	19.9
375951 2009 WX_{166}	16.2	X	19.92101	157.05776	96.37321	5.55262	0.0209921	0.21485805	2.7608001	21	6 23.1	19.9
375952 2009 WU_{168}	17.1	X	282.30003	263.51575	171.68768	2.19236	0.0897850	0.23849063	2.5752645	21	10 3.6	20.0
375953 2009 WD_{169}	16.9	X	329.36704	198.07336	166.45853	2.70565	0.1177987	0.23547076	2.5972359	21	9 7.6	19.6
375954 2009 WB_{170}	16.5	X	313.96512	311.41328	51.10549	13.02046	0.1458929	0.23152052	2.6266955	21	8 9.4	19.7
375955 2009 WR_{172}	17.0	X	229.73969	225.83959	202.13355	10.15971	0.1100752	0.22450922	2.6811015	21	7 10.9	21.2
375956 2009 WP_{175}	16.7	X	249.81482	350.54694	37.87508	13.13952	0.0608248	0.22159181	2.7045826	21	6 18.9	20.7
375957 2009 WN_{178}	17.3	X	307.30258	126.69709	215.80341	4.79608	0.0696571	0.22623132	2.6674783	21	7 4.6	20.8
375958 2009 WS_{178}	16.5	X	275.34377	28.52834	303.13605	5.11634	0.0592885	0.21401664	2.7680315	21	5 6.9	20.3
375959 2009 WM_{180}	16.8	X	146.63028	58.88629	87.12983	9.72089	0.2151798	0.21625955	2.7488593	21	8 1.3	21.5
375960 2009 WO_{195}	16.8	X	283.12502	110.69648	265.62049	4.78281	0.1456122	0.22939918	2.6428640	21	7 4.5	20.3
375961 2009 WC_{198}	16.6	X	197.06562	135.73704	313.33216	7.88879	0.2643092	0.21459618	2.7630457	21	7 1.4	21.6
375962 2009 WM_{200}	17.0	X	284.46038	141.17187	224.19510	5.77623	0.1024734	0.22423842	2.6832597	21	6 27.9	20.5
375963 2009 WJ_{203}	16.7	X	221.61459	165.20797	241.91939	3.33104	0.0895856	0.21807804	2.7335567	21	6 8.4	20.7
375964 2009 WW_{203}	16.4	X	163.62839	35.41270	75.48949	10.43013	0.0466555	0.21652366	2.7466236	21	6 25.5	20.3
375965 2009 WE_{205}	17.3	X	261.15092	61.82722	35.32935	5.46026	0.2007908	0.23685544	2.5871035	21	9 17.7	20.7
375966 2009 WZ_{205}	16.8	X	290.83092	8.06913	310.48439	3.40815	0.0620291	0.21531202	2.7569181	21	5 10.0	20.5
375967 2009 WL_{208}	17.7	X	253.49525	71.99402	359.87861	2.00395	0.1642939	0.22953619	2.6418122	21	8 8.6	21.4
375968 2009 WR_{211}	17.0	X	354.44882	145.55103	129.43702	3.34158	0.0209757	0.21818144	2.7326930	21	6 16.3	20.4
375969 2009 WP_{212}	16.4	X	143.98950	129.36840	286.23288	4.97032	0.0727229	0.20087830	2.8874471	21	3 24.1	20.7
375970 2009 WB_{216}	17.5	X	257.99905	180.00453	239.45445	2.31215	0.1582517	0.23086126	2.6316937	21	7 28.0	21.1
375971 2009 WR_{217}	17.2	X	316.43416	17.14271	9.32821	2.25002	0.2230627	0.23841026	2.5758432	21	9 4.6	19.2
375972 2009 WU_{217}	16.7	X	285.22072	323.63095	47.76706	4.19456	0.1053177	0.22665116	2.6641832	21	7 7.9	20.1
375973 2009 WS_{220}	17.2	X	303.59172	129.69524	212.61946	4.95791	0.1168516	0.22738906	2.6584164	21	6 21.9	20.5
375974 2009 WK_{223}	17.4	X	262.93763	177.03663	196.57221	1.84710	0.0875728	0.22016777	2.7162321	21	6 13.4	21.2
375975 2009 WN_{229}	17.2	X	313.21211	257.99593	98.05310	3.52689	0.1447363	0.23311521	2.6147027	21	7 24.2	20.2
375976 2009 WJ_{233}	16.8	X	255.14822	268.20491	174.23811	7.16478	0.1621679	0.23165808	2.6256555	21	8 23.3	20.6
375977 2009 WB_{234}	17.1	X	290.77888	0.56981	28.01639	4.30059	0.1216834	0.23506282	2.6002399	21	8 8.3	20.2
375978 2009 WS_{236}	16.8	X	320.96896	190.12373	218.56123	6.89202	0.1646041	0.24130665	2.5551900	21	10 25.1	19.0
375979 2009 WU_{239}	17.2	X	233.68316	174.90318	274.24075	2.75481	0.1665872	0.22693160	2.6619878	21	8 7.4	21.2
375980 2009 WA_{246}	17.0	X	338.53596	343.30949	34.90977	6.05591	0.2358418	0.24246469	2.5470475	21	10 19.3	18.7
375981 2009 WC_{246}	16.6	X	295.16171	210.20162	101.57066	4.84831	0.1760844	0.21554656	2.7549179	21	4 22.9	20.4
375982 2009 WG_{248}	17.2	X	284.16342	273.73287	178.92777	3.88178	0.1181840	0.24367335	2.5386180	21	10 28.0	20.0
375983 2009 WY_{248}	16.9	X	295.66530	146.78986	203.88942	8.64096	0.0902305	0.22640956	2.6660782	21	6 25.5	20.4
375984 2009 WZ_{251}	16.5	X	210.61861	317.95644	80.54105	4.78848	0.1029902	0.21245148	2.7816098	21	5 16.5	20.6
375985 2009 WG_{257}	16.9	X	292.03349	321.28881	63.10201	5.24969	0.1725821	0.23111398	2.6297749	21	7 26.2	20.1
375986 2009 WN_{257}	16.5	X	291.55179	287.64951	76.08431	6.82955	0.0295548	0.22216103	2.6999609	21	7 18.5	20.0
375987 2009 WB_{263}	16.6	X	202.62541	171.04765	273.55418	4.17254	0.0887212	0.21814754	2.7329761	21	7 5.9	20.5
375988 2009 WG_{264}	16.2	X	149.68970	146.49900	307.61709	5.31147	0.0286191	0.20211762	2.8756317	21	5 15.3	20.4
375989 2009 XU_{3}	16.7	X	218.56341	171.10990	251.99350	4.00744	0.1472936	0.22060470	2.7126445	21	6 21.6	21.0
375990 2009 XL_{6}	15.8	X	125.19973	194.77886	244.19485	8.77435	0.0854870	0.19589861	2.9361741	21	4 2.2	20.2
375991 2009 XF_{9}	16.1	X	276.27499	249.59549	290.72585	10.54439	0.1482599	0.25229042	2.4804790	21	—	—
375992 2009 XP_{9}	16.4	X	295.16234	195.74833	235.98005	11.51281	0.1563137	0.23865281	2.5740976	21	10 5.7	19.4
375993 2009 XS_{16}	16.4	X	194.65037	30.84496	91.84328	6.18074	0.1127072	0.21947793	2.7219208	21	8 16.5	20.6
375994 2009 XH_{20}	17.2	X	254.48838	62.44742	305.99923	4.40582	0.1778972	0.22297337	2.6933992	21	5 15.2	21.5
375995 2009 XP_{24}	16.1	X	178.11964	215.02104	283.49328	12.54961	0.1709233	0.21981592	2.7191299	21	8 12.7	20.8
375996 2009 YM_{2}	16.1	X	211.21718	314.70645	113.91827	13.10120	0.1406857	0.21482778	2.7610594	21	6 22.5	20.6
375997 2009 YD_{10}	16.9	X	178.86345	63.40432	36.94031	2.58511	0.0894861	0.21126582	2.7920073	21	6 30.6	21.1
375998 2009 YU_{10}	16.9	X	339.53946	312.82770	303.95048	3.37409	0.0139817	0.21131292	2.7915925	21	5 1.0	20.7
375999 2009 YG_{24}	16.1	X	189.75553	247.21313	111.51641	10.76046	0.1079617	0.19266504	2.9689355	21	3 12.9	20.9
376000 2010 AU_{4}	16.0	X	202.43575	324.91819	88.65836	9.55027	0.0655651	0.21148699	2.7900605	21	5 28.7	20.1