Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352001 2006 UG_{221}	16.5	X	292.33725	48.03501	3.35172	8.10185	0.1524668	0.19195174	2.9762862	21	9 3.5	20.2
352002 2006 UH_{227}	16.2	X	198.57089	274.44871	162.29878	5.19381	0.1694581	0.17761664	3.1343461	21	6 19.7	21.4
352003 2006 UA_{253}	17.1	X	4.93574	140.02703	208.12019	3.54553	0.0927946	0.19424070	2.9528579	21	10 9.8	20.7
352004 2006 UG_{253}	16.4	X	12.63944	314.11782	22.14546	0.87253	0.0711789	0.19302548	2.9652385	21	10 4.4	20.0
352005 2006 UE_{274}	16.2	X	52.99822	27.09160	270.77882	4.10467	0.0254123	0.19024590	2.9940509	21	10 2.2	20.5
352006 2006 UK_{287}	16.8	X	10.38884	115.79410	227.09720	6.64847	0.0857374	0.19557977	2.9393644	21	10 9.7	20.5
352007 2006 UZ_{289}	16.1	X	139.71038	251.59058	260.72986	5.83020	0.0176248	0.18061245	3.0995900	21	7 17.4	20.5
352008 2006 UK_{329}	15.2	X	232.88347	125.80074	264.35034	14.51371	0.1016842	0.17488888	3.1668530	21	5 30.4	20.0
352009 2006 UN_{332}	16.6	X	281.56877	163.77106	169.39163	10.71715	0.2186611	0.18012219	3.1052118	21	5 1.4	21.3
352010 2006 UR_{334}	17.1	X	212.90279	53.64187	44.27920	1.68236	0.1656141	0.18054314	3.1003833	21	7 28.9	22.0
352011 2006 UG_{335}	16.7	X	210.16083	250.66351	199.03040	4.79588	0.1521070	0.17827704	3.1266008	21	7 15.6	21.7
352012 2006 UM_{346}	16.7	X	208.04126	39.15362	36.28094	9.82101	0.1195059	0.17982015	3.1086881	21	6 28.8	21.7
352013 2006 UT_{360}	15.8	X	195.23654	177.47243	303.99379	9.12373	0.0516948	0.18316334	3.0707445	21	8 13.5	20.4
352014 2006 VC_{5}	16.4	X	20.27619	94.94841	292.09618	3.84477	0.0614884	0.20994662	2.8036908	21	12 20.9	20.1
352015 2006 VP_{7}	16.2	X	223.48695	12.33355	61.49890	3.86179	0.1896428	0.17798082	3.1300690	21	7 7.4	21.2
352016 2006 VB_{8}	15.7	X	229.56838	335.00235	58.55534	27.82519	0.1576710	0.17365213	3.1818715	21	5 25.4	20.9
352017 2006 VR_{13}	16.3	X	261.34218	48.03505	344.65545	8.31229	0.0861710	0.18055261	3.1002749	21	7 8.4	20.8
352018 2006 VW_{15}	15.8	X	197.72323	290.33034	241.55538	13.39359	0.1434213	0.19130994	2.9829389	21	10 10.2	20.8
352019 2006 VA_{17}	15.9	X	178.11896	77.88224	41.57824	11.52246	0.0624003	0.17872935	3.1213236	21	7 26.9	20.8
352020 2006 VS_{17}	16.1	X	251.19086	201.10997	239.77402	9.57612	0.0748311	0.18575763	3.0420868	21	8 22.4	20.7
352021 2006 VC_{22}	16.5	X	245.60430	352.63616	54.73082	6.41544	0.1352883	0.17929696	3.1147325	21	7 1.4	21.3
352022 2006 VP_{24}	15.6	X	176.38787	52.51879	61.58548	12.82243	0.1105228	0.17620367	3.1510799	21	7 16.5	20.7
352023 2006 VP_{27}	17.1	X	255.19875	34.93770	6.22323	0.32937	0.2045302	0.18032102	3.1029289	21	6 25.9	21.7
352024 2006 VB_{30}	15.7	X	164.07154	74.64980	59.83552	27.30389	0.0974232	0.17610801	3.1522208	21	8 2.6	21.1
352025 2006 VJ_{36}	15.9	X	262.07365	320.16800	57.49443	16.64045	0.2674082	0.18072503	3.0983027	21	5 26.9	20.8
352026 2006 VM_{45}	16.0	X	221.23875	359.16360	43.11235	17.09370	0.1365427	0.17526477	3.1623236	21	5 28.3	21.1
352027 2006 VS_{54}	17.0	X	315.79488	283.58726	74.62546	2.32460	0.1962421	0.18581028	3.0415122	21	7 22.8	20.6
352028 2006 VE_{56}	17.0	X	202.73315	307.52019	145.64070	1.20187	0.1482873	0.17675548	3.1445182	21	7 13.9	22.1
352029 2006 VR_{58}	16.4	X	322.91713	279.26204	72.37702	10.52851	0.1103411	0.18403577	3.0610322	21	8 8.8	20.3
352030 2006 VR_{59}	15.7	X	188.32333	54.28962	66.19544	15.04534	0.1946194	0.17693050	3.1424443	21	8 5.9	21.2
352031 2006 VX_{67}	15.4	X	72.62138	141.08086	68.77818	15.54321	0.2068970	0.17137255	3.2100260	21	8 8.3	20.2
352032 2006 VA_{68}	16.4	X	253.13267	167.54887	235.30463	2.83706	0.2082399	0.17902187	3.1179225	21	6 25.4	21.1
352033 2006 VK_{73}	15.7	X	176.06045	78.39331	75.30780	18.56175	0.1966339	0.17805897	3.1291531	21	9 9.7	21.3
352034 2006 VN_{73}	15.7	X	305.49749	266.03401	62.87403	26.59307	0.2581976	0.17980519	3.1088605	21	5 18.8	19.7
352035 2006 VV_{80}	15.8	X	235.06931	333.27580	73.73666	9.85309	0.0917158	0.17591239	3.1545574	21	6 23.6	20.6
352036 2006 VT_{83}	15.9	X	52.13162	264.57596	41.30594	10.82672	0.2611917	0.19783207	2.9170123	21	11 16.1	20.0
352037 2006 VU_{84}	16.2	X	284.86235	94.77105	305.07947	8.61969	0.1157899	0.18506746	3.0496454	21	8 10.5	20.3
352038 2006 VK_{86}	15.7	X	306.42212	275.31939	63.72448	17.87366	0.2435291	0.18326525	3.0696059	21	6 1.9	19.7
352039 2006 VH_{87}	16.0	X	245.63091	57.65226	10.40545	5.90739	0.1684254	0.18189414	3.0850124	21	7 25.2	20.7
352040 2006 VY_{89}	16.2	X	190.33962	67.53995	48.70948	5.41125	0.1419598	0.17689141	3.1429071	21	8 1.6	21.3
352041 2006 VU_{97}	16.8	X	274.94767	85.47432	305.85247	3.79616	0.1539596	0.18230948	3.0803250	21	7 12.7	21.2
352042 2006 VV_{104}	15.9	X	227.41601	160.55561	249.77984	8.69221	0.0966294	0.17646753	3.1479381	21	6 18.9	20.6
352043 2006 VT_{107}	16.3	X	190.34233	41.25739	38.64892	7.41034	0.1474712	0.17265961	3.1940537	21	6 15.9	21.5
352044 2006 VX_{107}	16.4	X	257.74971	30.26129	5.96134	2.95311	0.2134261	0.17978166	3.1091318	21	6 21.3	21.2
352045 2006 VD_{109}	16.4	X	203.11547	45.76657	47.58233	10.66482	0.2106080	0.17632576	3.1496252	21	7 13.4	21.9
352046 2006 VA_{112}	15.5	X	296.81204	297.41214	41.66717	18.43700	0.2659249	0.18154144	3.0890068	21	5 14.9	19.9
352047 2006 VO_{129}	15.6	X	277.80651	151.37896	252.80464	15.34827	0.1130657	0.18402235	3.0611809	21	8 1.9	20.2
352048 2006 VR_{142}	16.5	X	236.19437	211.24830	197.06375	6.63367	0.2782723	0.17825895	3.1268124	21	6 11.3	21.9
352049 2006 VX_{145}	16.3	X	249.66971	127.54418	261.65259	6.22947	0.3236976	0.17894247	3.1188448	21	5 26.0	21.5
352050 2006 VH_{146}	15.8	X	231.43002	201.73563	207.83984	10.39176	0.0935690	0.17595575	3.1540391	21	6 22.3	20.7
352051 2006 VN_{152}	15.5	X	307.60714	272.48576	61.99394	11.52231	0.0836104	0.17935569	3.1140526	21	6 22.6	19.7
352052 2006 VB_{154}	15.4	X	141.85687	264.91121	235.13472	14.59915	0.0517064	0.17728013	3.1383112	21	7 5.5	20.2
352053 2006 VO_{155}	15.4	X	314.12857	6.08167	358.44704	10.13969	0.1095088	0.18621830	3.0370677	21	8 12.6	19.3
352054 2006 VT_{155}	16.1	X	313.25843	69.91761	298.24140	8.42871	0.1987144	0.18757680	3.0223863	21	7 30.7	19.6
352055 2006 VR_{173}	16.0	X	301.49668	330.15694	58.73191	10.42633	0.0703155	0.18584763	3.0411046	21	9 1.9	20.2
352056 2006 VX_{173}	15.9	X	291.56011	16.75732	348.09319	9.08525	0.1668133	0.18257056	3.0773877	21	6 28.8	20.2
352057 2006 WW_{33}	16.5	X	277.57327	297.31957	91.64752	6.28216	0.0626136	0.18130279	3.0917169	21	7 27.2	20.7
352058 2006 WG_{36}	16.5	X	216.02131	321.76632	117.00775	6.21743	0.1308379	0.17734604	3.1375336	21	7 9.9	21.4
352059 2006 WW_{36}	15.6	X	10.42430	160.17134	81.49562	12.80263	0.0288459	0.17079651	3.2172395	21	5 28.2	19.9
352060 2006 WF_{50}	16.4	X	297.97841	232.69341	152.41796	3.14985	0.1340840	0.18356771	3.0662333	21	8 7.7	20.3
352061 2006 WV_{50}	15.8	X	30.88786	219.71256	66.00753	11.30009	0.0645031	0.18150889	3.0893761	21	8 29.8	20.1
352062 2006 WA_{57}	16.6	X	231.59704	322.72900	69.76513	2.16528	0.1366153	0.17197025	3.2025838	21	5 29.4	21.5
352063 2006 WU_{58}	16.4	X	317.05434	323.28442	29.20269	9.54077	0.1459833	0.18354547	3.0664809	21	7 26.8	20.3
352064 2006 WM_{72}	16.8	X	238.25958	219.59910	251.81099	3.69790	0.1197543	0.18736683	3.0246438	21	9 11.5	21.4
352065 2006 WL_{73}	16.2	X	202.05412	348.35018	53.47144	3.07672	0.1034717	0.17033657	3.2230283	21	5 13.4	21.3
352066 2006 WM_{73}	16.4	X	206.02995	252.22193	242.21932	4.72270	0.0316326	0.18677680	3.0310104	21	9 12.2	20.9
352067 2006 WG_{85}	16.6	X	293.78962	259.14621	159.96916	2.15996	0.0823610	0.18750761	3.0231297	21	9 23.6	20.4
352068 2006 WL_{94}	16.5	X	349.02690	232.86104	125.01783	2.97176	0.0758022	0.18968107	2.9999917	21	9 28.2	20.2
352069 2006 WY_{107}	15.9	X	290.59561	136.13798	243.25632	5.41037	0.2127238	0.18346949	3.0673275	21	7 7.8	20.0
352070 2006 WH_{108}	15.2	X	164.71742	229.57926	276.35527	25.79321	0.2189835	0.17247137	3.1963774	21	8 3.6	21.0
352071 2006 WC_{111}	16.5	X	246.28675	295.34936	83.56913	4.70228	0.1942093	0.17445337	3.1721215	21	5 22.6	21.6
352072 2006 WQ_{111}	16.6	X	198.21760	354.23039	130.35094	2.20064	0.1256600	0.17867656	3.1219384	21	8 18.4	21.5
352073 2006 WW_{113}	16.1	X	241.44197	118.05205	287.91193	15.37753	0.2499859	0.17950958	3.1122726	21	6 15.1	21.3
352074 2006 WB_{116}	15.3	X	289.14038	287.46487	78.14732	16.96393	0.2831823	0.18168310	3.0874009	21	6 8.2	19.6
352075 2006 WM_{128}	16.3	X	197.98276	20.05133	60.80248	6.76553	0.2203797	0.17318056	3.1876451	21	6 22.6	21.8
352076 2006 WN_{130}	16.1	X	231.22851	190.66714	288.63257	13.09774	0.1216631	0.18871913	3.0101775	21	9 8.4	20.9
352077 2006 WU_{132}	16.3	X	186.96582	270.43594	236.86896	4.83805	0.1468255	0.18250661	3.0781066	21	9 1.2	21.4
352078 2006 WC_{149}	16.1	X	286.75392	306.94771	63.12869	11.02292	0.0844683	0.17791946	3.1307887	21	7 11.5	20.5
352079 2006 WM_{151}	15.5	X	279.16277	65.67432	254.88946	26.17088	0.2674554	0.17435350	3.1733327	21	3 27.8	20.9
352080 2006 WN_{174}	15.5	X	300.57217	109.93356	246.53882	13.03025	0.0856266	0.17842168	3.1249109	21	7 9.4	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352081 2006 WT_{187}	15.8	X	325.70084	275.83981	57.29369	10.94404	0.0792030	0.17970645	3.1099992	21	7 20.8	20.0
352082 2006 WG_{188}	16.0	X	158.28889	264.58889	253.86707	9.82967	0.1733472	0.17626990	3.1502905	21	8 17.8	21.4
352083 2006 WB_{193}	16.7	X	224.37032	4.11936	94.15470	2.51614	0.1468456	0.17895533	3.1186954	21	8 10.9	21.6
352084 2006 WH_{193}	15.7	X	86.99129	122.33009	80.54516	22.06827	0.0920734	0.17340435	3.1849019	21	7 29.6	20.5
352085 2006 WZ_{199}	15.6	X	171.39591	28.28019	70.89365	16.80867	0.0344621	0.17136482	3.2101224	21	6 19.1	20.3
352086 2006 XW_{6}	15.6	X	147.19937	62.83375	62.51965	5.73949	0.1038967	0.16913546	3.2382692	21	6 29.4	20.6
352087 2006 XY_{8}	16.5	X	260.61646	97.37147	301.93101	4.12179	0.1600322	0.17697081	3.1419671	21	7 4.9	21.3
352088 2006 XD_{11}	15.8	X	233.56853	347.74895	65.32904	11.58196	0.0420586	0.17825831	3.1268198	21	7 5.1	20.4
352089 2006 XZ_{22}	16.4	X	242.64736	322.72825	103.13304	3.44060	0.0497745	0.17793743	3.1305779	21	7 31.8	20.9
352090 2006 XU_{23}	16.2	X	359.62809	247.08151	104.09420	11.78656	0.1226002	0.19004552	2.9961551	21	10 13.5	20.0
352091 2006 XC_{31}	15.1	X	130.51478	274.87503	267.72847	17.43894	0.1099084	0.17013124	3.2256210	21	8 14.1	20.3
352092 2006 XC_{56}	15.1	X	263.05061	301.32455	109.15507	11.42062	0.0290586	0.17216114	3.2002161	21	8 10.4	19.6
352093 2006 XW_{63}	15.9	X	249.77921	321.20220	76.71744	5.94444	0.2627939	0.17606876	3.1526893	21	6 10.9	21.1
352094 2006 XM_{71}	15.3	X	256.22873	137.57932	261.57998	14.72149	0.1001920	0.17862636	3.1225233	21	7 5.6	19.9
352095 2006 XR_{71}	15.9	X	293.70530	262.37983	121.30578	10.38562	0.0999632	0.17627633	3.1502139	21	8 5.2	20.0
352096 2006 YP_{10}	15.5	X	289.82003	49.77400	299.93454	15.43768	0.1353614	0.17141916	3.2094441	21	6 11.3	20.1
352097 2006 YN_{26}	16.3	X	228.37724	22.26495	57.70701	3.33871	0.1076729	0.17435448	3.1733208	21	7 27.0	21.0
352098 2006 YD_{40}	15.6	X	249.90237	151.27943	268.96063	8.18348	0.0728715	0.17651999	3.1473144	21	7 28.0	20.2
352099 2006 YP_{45}	15.6	X	55.75396	163.78738	84.64430	21.10952	0.1095915	0.17704568	3.1410812	21	8 23.5	20.2
352100 2006 YM_{53}	15.7	X	80.58273	282.29981	303.80182	8.98454	0.0426106	0.17021915	3.2245103	21	8 9.4	20.2
352101 2007 AE_{6}	15.6	X	221.74444	162.82870	288.38100	13.28172	0.0253279	0.17476348	3.1683678	21	8 6.6	20.2
352102 2007 AG_{12}	19.5	X	323.65167	68.17761	305.43850	41.98525	0.6565383	0.32618055	2.0900853	21	5 27.0	22.9
352103 2007 AN_{20}	15.6	X	162.27904	79.35723	105.09293	26.76121	0.2067271	0.17542012	3.1604563	21	10 7.7	21.5
352104 2007 BA_{5}	15.0	X	165.23643	266.27098	311.08243	14.23317	0.2289327	0.18163016	3.0880008	21	10 29.9	20.7
352105 2007 BS_{9}	15.5	X	136.44098	219.21875	330.42569	10.07315	0.2225219	0.17273933	3.1930709	21	9 9.7	21.0
352106 2007 BB_{17}	15.3	X	144.65770	292.56949	295.34671	16.26427	0.2365282	0.18123934	3.0924385	21	10 26.7	21.0
352107 2007 BF_{20}	15.1	X	132.36903	52.98450	106.56640	22.97375	0.0421758	0.16846424	3.2468650	21	7 20.7	19.8
352108 2007 BX_{55}	14.9	X	101.95241	271.45711	316.21652	30.29145	0.1661341	0.17155097	3.2077998	21	9 6.9	20.2
352109 2007 BD_{59}	15.6	X	184.19169	150.68988	321.10734	8.25393	0.0781992	0.16887108	3.2416481	21	7 21.5	20.6
352110 2007 CM_{22}	17.8	X	245.56417	357.74366	107.92281	2.43340	0.0568140	0.31496837	2.1393972	21	10 9.5	20.1
352111 2007 CS_{55}	15.4	X	65.38483	128.83140	123.47036	6.36360	0.1283331	0.17206065	3.2014620	21	9 7.8	19.8
352112 2007 CO_{59}	15.6	X	192.18518	344.60241	168.58411	17.70550	0.1463481	0.17544700	3.1601334	21	9 15.2	20.6
352113 2007 CU_{59}	15.2	X	226.77608	306.26911	143.90876	14.57657	0.1369872	0.17246936	3.1964022	21	8 2.7	20.3
352114 2007 CG_{65}	15.6	X	12.95512	166.16470	148.81888	17.47578	0.0954666	0.17181940	3.2044580	21	9 8.1	19.6
352115 2007 DD_{32}	15.6	X	315.97624	290.55059	355.20033	9.02696	0.0649060	0.15101238	3.4924298	21	5 4.1	20.5
352116 2007 DU_{98}	18.2	X	192.98780	102.62420	9.60238	1.86445	0.0655416	0.30400117	2.1905468	21	8 4.9	20.8
352117 2007 EB_{39}	17.2	X	11.08736	134.32149	127.68649	4.23587	0.1492381	0.29081535	2.2562705	21	6 24.6	18.9
352118 2007 EK_{56}	17.5	X	330.56498	185.86821	137.30248	5.97402	0.1990451	0.29533285	2.2332031	21	6 28.8	19.0
352119 2007 EO_{139}	18.2	X	48.10195	226.88718	55.48916	4.48727	0.1557582	0.30167724	2.2017822	21	10 13.2	20.5
352120 2007 EO_{141}	15.6	X	43.40665	138.79614	195.20781	11.88044	0.0719907	0.17394108	3.1783467	21	11 11.5	20.0
352121 2007 EP_{182}	17.7	X	90.68624	271.47155	355.55103	4.10114	0.1648426	0.30345084	2.1931945	21	11 11.0	20.9
352122 2007 EU_{190}	16.7	X	0.79347	306.75474	314.63262	7.22536	0.0983281	0.28877870	2.2668665	21	5 30.5	18.9
352123 2007 EZ_{198}	15.1	X	181.66252	107.34162	95.69302	26.69380	0.2387223	0.17583714	3.1554573	21	11 10.8	20.9
352124 2007 EZ_{214}	17.2	X	241.44461	357.46482	20.43385	7.67208	0.1207821	0.28900512	2.2656824	21	5 15.1	20.5
352125 2007 EJ_{223}	17.4	X	56.17943	132.96553	84.57732	3.56171	0.1111447	0.29095696	2.2555384	21	7 8.7	19.6
352126 2007 FJ_{46}	17.8	X	23.83929	66.65697	178.84943	2.24419	0.1613601	0.28738584	2.2741851	21	6 26.9	19.4
352127 2007 FO_{49}	16.3	X	220.09438	207.99414	103.50248	15.87952	0.1964384	0.26273116	2.4143209	21	2 1.5	20.4
352128 2007 GZ_{40}	17.3	X	152.62814	110.16830	35.47159	6.50963	0.0337475	0.29388021	2.2405561	21	8 1.8	20.2
352129 2007 GO_{62}	17.1	X	30.29014	211.00670	82.34915	6.85559	0.1763274	0.29597005	2.2299966	21	10 6.6	19.3
352130 2007 GY_{65}	17.6	X	55.28380	237.07898	26.34861	9.78292	0.2177804	0.29449687	2.2374273	21	10 5.4	20.2
352131 2007 GU_{73}	15.9	X	76.98013	239.92605	63.02232	15.53592	0.1205098	0.23711266	2.5852322	21	11 28.8	19.6
352132 2007 HF_{23}	17.7	X	215.09205	236.09422	94.48889	3.39301	0.1057090	0.26811782	2.3818748	21	2 19.3	21.1
352133 2007 HH_{55}	17.6	X	97.99800	150.28843	118.76139	5.21139	0.1580112	0.30429976	2.1891136	21	11 23.3	20.7
352134 2007 HJ_{61}	17.7	X	284.72607	166.85840	165.50692	6.59294	0.1441188	0.28074564	2.3099046	21	5 6.3	20.6
352135 2007 HX_{68}	17.8	X	274.77532	355.93556	339.96733	2.19927	0.0962068	0.28214587	2.3022559	21	5 2.1	20.7
352136 2007 HW_{77}	17.8	X	342.02419	265.49637	97.98360	5.31306	0.0091181	0.30486307	2.1864162	21	10 11.3	20.3
352137 2007 HQ_{97}	17.5	X	69.61369	143.31137	110.91846	8.24011	0.1573893	0.29521959	2.2337742	21	10 4.8	20.4
352138 2007 JN_{8}	17.7	X	151.71191	259.90976	224.04504	5.48390	0.1193059	0.28972669	2.2619190	21	7 2.2	21.0
352139 2007 JL_{26}	17.5	X	74.58014	157.32004	94.84001	6.68548	0.1677118	0.29523420	2.2337005	21	10 8.9	20.5
352140 2007 JV_{38}	17.7	X	348.05140	263.48959	348.95426	2.49304	0.0406391	0.28198772	2.3031165	21	4 28.7	20.1
352141 2007 JB_{45}	17.4	X	37.99578	174.90352	90.46062	7.31495	0.1321477	0.28999757	2.2605102	21	8 28.2	19.7
352142 2007 LB_{18}	17.2	X	310.56776	334.94255	306.21405	5.90018	0.1630650	0.26901482	2.3765771	21	3 23.5	20.3
352143 2007 LR_{32}	17.2	X	93.21654	71.83929	266.66408	10.18271	0.5171914	0.23190927	2.6237592	21	—	—
352144 2007 MU_{12}	18.0	X	76.83823	8.24700	213.36312	1.31859	0.1599401	0.28530815	2.2852125	21	8 23.2	20.9
352145 2007 MC_{17}	16.9	X	258.63022	38.73639	263.91822	5.65889	0.1742239	0.26257552	2.4152749	21	2 20.9	20.8
352146 2007 MH_{27}	16.3	X	186.87097	276.65023	62.09454	7.65131	0.1620877	0.25392878	2.4697980	21	2 7.2	20.3
352147 2007 OD_{5}	17.8	X	260.47073	212.60201	90.38786	2.43516	0.1889604	0.26178578	2.4201299	21	2 25.8	21.4
352148 Tarcisiozani	16.7	X	49.43928	59.51239	280.24565	3.83447	0.2716141	0.22447760	2.6813533	21	12 30.9	20.7
352149 2007 PU_{7}	16.8	X	236.55094	211.61586	127.32328	8.17003	0.2005594	0.26228038	2.4170864	21	3 22.1	20.8
352150 2007 PA_{10}	17.1	X	327.36737	298.65451	332.59525	10.94720	0.1763076	0.26999322	2.3708322	21	3 30.7	19.8
352151 2007 PC_{10}	16.6	X	162.71887	164.56902	138.22803	15.94778	0.2355146	0.24239850	2.5475112	21	—	—
352152 2007 PZ_{22}	16.5	X	96.30547	229.02690	114.54948	6.25281	0.3083563	0.23091525	2.6312835	21	—	—
352153 2007 PM_{24}	16.4	X	77.14423	35.16163	302.41982	8.40346	0.2055179	0.22867891	2.6484105	21	—	—
352154 2007 PV_{45}	17.4	X	230.01358	347.30615	340.87423	5.92769	0.1259499	0.25770801	2.4455926	21	3 2.9	21.1
352155 2007 PP_{47}	13.3	X	257.33658	325.62777	153.57959	11.60307	0.0133903	0.08156232	5.2659452	21	10 20.1	20.3
352156 2007 PE_{48}	15.9	X	147.83601	213.71028	103.92463	15.26306	0.1257941	0.24114007	2.5563665	21	—	—
352157 2007 PB_{50}	17.4	X	28.39564	226.88938	159.22275	7.40967	0.1306713	0.22532165	2.6746530	21	—	—
352158 2007 QN	16.2	X	54.47250	207.18393	130.07181	15.13153	0.2675246	0.22448186	2.6813194	21	—	—
352159 2007 QS_{11}	17.0	X	13.92209	40.61275	331.58797	5.43659	0.2403149	0.21971550	2.7199583	21	12 20.7	20.1
352160 2007 RE	17.0	X	100.25044	47.48885	340.97794	12.41199	0.1558948	0.24235905	2.5477876	21	1 2.7	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352161 2007 RJ_{7}	16.5	X	13.57192	220.10058	165.07676	9.78686	0.2840617	0.21834974	2.7312886	21	—	—
352162 2007 RV_{15}	16.5	X	73.89795	140.24291	192.71499	12.83612	0.2852038	0.22766918	2.6562354	21	—	—
352163 2007 RO_{19}	16.1	X	86.77379	318.67101	357.68759	11.19973	0.2040770	0.22683670	2.6627302	21	—	—
352164 2007 RE_{24}	16.7	X	216.28364	114.11477	203.18511	5.83935	0.1314280	0.25259539	2.4784820	21	2 3.1	20.7
352165 2007 RL_{24}	16.3	X	47.08818	333.76101	8.75499	15.14913	0.2096093	0.22082888	2.7108083	21	12 22.9	20.4
352166 2007 RM_{29}	16.5	X	132.12550	10.56390	339.48779	26.72700	0.1569791	0.23925261	2.5697937	21	—	—
352167 2007 RN_{39}	17.6	X	97.97079	226.45294	141.63353	3.74256	0.2414744	0.23551846	2.5968851	21	—	—
352168 2007 RB_{41}	16.8	X	123.08907	200.98550	149.06746	13.89617	0.2054148	0.23870558	2.5737182	21	—	—
352169 2007 RE_{53}	16.5	X	344.80192	94.10196	299.15405	4.07178	0.2002696	0.21481423	2.7611755	21	11 15.2	19.1
352170 2007 RZ_{66}	17.1	X	116.72550	209.57495	331.77208	3.65184	0.1802885	0.27798810	2.3251550	21	8 17.2	20.4
352171 2007 RP_{75}	18.1	X	356.16905	81.25572	136.61757	2.09748	0.1138245	0.26133870	2.4228893	21	3 19.4	20.4
352172 2007 RQ_{78}	17.1	X	62.07657	207.53176	237.61986	1.60698	0.1483878	0.24303920	2.5430320	21	1 11.9	19.6
352173 2007 RF_{81}	16.7	X	47.17627	167.60212	225.43808	13.47396	0.2435879	0.22784722	2.6548515	21	—	—
352174 2007 RH_{90}	17.1	X	26.15602	261.15330	176.58373	5.68133	0.1766858	0.23075988	2.6324644	21	—	—
352175 2007 RT_{93}	16.5	X	355.71756	343.29209	19.01986	9.10575	0.1763645	0.21261087	2.7802194	21	10 22.2	19.4
352176 2007 RM_{114}	16.4	X	41.97910	45.55267	328.63753	5.57369	0.0462423	0.22464971	2.6799836	21	—	—
352177 2007 RM_{118}	16.1	X	111.66799	317.13797	12.39873	11.75159	0.1921756	0.23056884	2.6339183	21	—	—
352178 2007 RN_{125}	17.9	X	22.09128	214.95564	230.02182	1.85300	0.1889047	0.23119727	2.6291432	21	—	—
352179 2007 RP_{138}	17.0	X	17.75502	354.20716	21.84102	4.06481	0.2144751	0.21948969	2.7218236	21	12 27.7	20.2
352180 2007 RD_{143}	16.7	X	294.33590	2.08458	283.38019	5.23327	0.1150169	0.26282797	2.4137280	21	3 16.2	20.1
352181 2007 RL_{147}	16.2	X	39.44330	330.23822	16.44014	14.55833	0.1048007	0.22086895	2.7104804	21	11 30.1	20.0
352182 2007 RM_{165}	17.2	X	40.24411	266.08877	313.78302	3.08916	0.0822777	0.26913586	2.3758645	21	6 9.7	19.7
352183 2007 RM_{173}	16.7	X	341.96747	308.82231	128.86926	3.92151	0.1961676	0.22092652	2.7100095	21	—	—
352184 2007 RZ_{184}	16.7	X	50.82317	127.31145	214.82017	13.54680	0.0863639	0.22002515	2.7174058	21	12 9.8	20.5
352185 2007 RW_{189}	17.3	X	47.44365	311.45815	36.25743	3.08799	0.1179717	0.22121065	2.7076884	21	12 17.1	20.9
352186 2007 RN_{204}	16.9	X	50.19553	171.84031	224.05826	5.53954	0.1800229	0.22821063	2.6520322	21	—	—
352187 2007 RU_{207}	17.2	X	103.67351	213.20311	153.88002	4.05124	0.2306616	0.23549156	2.5970829	21	—	—
352188 2007 RF_{213}	16.3	X	41.91744	195.16914	337.74914	4.73435	0.0788494	0.25883552	2.4384852	21	4 2.1	19.0
352189 2007 RK_{221}	16.2	X	128.25966	263.82713	104.93582	13.86232	0.1861604	0.24071019	2.5594092	21	1 18.1	19.6
352190 2007 RP_{227}	16.7	X	31.36625	6.10582	30.33768	6.91397	0.0503519	0.22088151	2.7103777	21	—	—
352191 2007 RS_{230}	16.6	X	42.75191	62.64716	5.17667	12.00489	0.0141242	0.23596887	2.5935795	21	—	—
352192 2007 RD_{233}	16.4	X	34.63741	10.91043	24.72847	10.40342	0.2710312	0.22500051	2.6771973	21	—	—
352193 2007 RM_{243}	16.7	X	124.60551	289.08348	60.99705	5.58362	0.2203513	0.23677908	2.5876597	21	—	—
352194 2007 RX_{246}	16.9	X	295.95987	282.00623	8.08665	5.34415	0.2249857	0.26543252	2.3979123	21	3 12.7	20.2
352195 2007 RQ_{249}	16.4	X	112.45909	76.36937	302.18894	13.97705	0.1636071	0.23864701	2.5741393	21	1 8.5	19.6
352196 2007 RS_{272}	17.1	X	291.00891	280.58809	343.45021	5.79049	0.0623909	0.25274319	2.4775157	21	2 24.2	20.4
352197 2007 RF_{277}	16.0	X	40.06069	244.57571	125.78489	13.90518	0.2801049	0.22415948	2.6838896	21	—	—
352198 2007 RT_{283}	17.3	X	120.96476	303.89634	6.70290	2.25525	0.1741821	0.23341996	2.6124263	21	—	—
352199 2007 RF_{284}	17.4	X	34.75556	43.05650	36.57217	3.50726	0.1381615	0.23325780	2.6136369	21	—	—
352200 2007 RZ_{284}	17.5	X	118.84831	282.12220	91.96585	1.28207	0.0330996	0.23920428	2.5701398	21	—	—
352201 2007 RA_{288}	17.6	X	186.40740	235.89023	75.99958	3.91174	0.1135389	0.24163742	2.5528576	21	1 1.5	21.4
352202 2007 RY_{289}	16.7	X	39.12244	98.49304	218.80453	12.30381	0.1980837	0.21065835	2.7973722	21	11 8.2	20.2
352203 2007 RF_{291}	15.9	X	298.41352	62.36060	52.94588	17.69256	0.1183324	0.21242315	2.7818571	21	12 10.4	19.3
352204 2007 RR_{295}	16.7	X	324.54590	292.71459	208.98671	12.94781	0.1233035	0.22835087	2.6509463	21	—	—
352205 2007 RH_{311}	16.7	X	89.22978	236.39728	135.32375	12.79811	0.1868434	0.23509968	2.5999682	21	—	—
352206 2007 RV_{312}	16.7	X	27.53987	236.56942	105.10574	4.54356	0.2058895	0.21700736	2.7425407	21	11 26.2	20.0
352207 2007 RZ_{315}	17.2	X	144.06561	345.92025	344.19659	10.61173	0.1702829	0.23850293	2.5751759	21	—	—
352208 2007 SV_{10}	17.2	X	86.89386	331.10470	29.81375	8.43038	0.1816284	0.23120008	2.6291219	21	—	—
352209 2007 SH_{11}	16.1	X	161.48706	44.11462	300.38042	13.82117	0.0778017	0.24025995	2.5626057	21	1 12.5	19.7
352210 2007 SB_{12}	16.7	X	91.35359	298.62619	40.13822	12.32573	0.3134752	0.22915437	2.6447459	21	—	—
352211 2007 SZ_{12}	17.2	X	33.60297	159.35768	260.54455	2.92433	0.0865921	0.22967366	2.6407579	21	—	—
352212 2007 SE_{22}	16.7	X	3.67886	101.85104	358.80257	8.98181	0.0545116	0.23164486	2.6257554	21	—	—
352213 2007 TW_{2}	16.6	X	133.28693	319.63593	16.45510	7.48547	0.1547801	0.23588266	2.5942114	21	—	—
352214 2007 TY_{4}	17.5	X	46.32650	233.28001	169.10006	0.59602	0.2094250	0.22835689	2.6508997	21	—	—
352215 2007 TN_{18}	16.6	X	21.37763	304.94740	81.23746	7.25364	0.2427143	0.21903343	2.7256020	21	—	—
352216 2007 TJ_{20}	17.2	X	65.87043	29.05444	359.30108	5.43872	0.2103237	0.22907477	2.6453585	21	—	—
352217 2007 TJ_{24}	16.8	X	73.78472	129.29707	177.07099	7.30609	0.2831522	0.22107540	2.7087927	21	12 14.9	21.3
352218 2007 TP_{30}	16.2	X	158.07847	217.30912	35.53063	14.19183	0.1412235	0.22151555	2.7052033	21	12 14.1	20.7
352219 2007 TZ_{31}	16.4	X	53.30049	317.47119	53.86630	16.63308	0.1732775	0.22599652	2.6693256	21	—	—
352220 2007 TB_{33}	16.9	X	293.72040	123.39396	30.50223	3.90704	0.0401217	0.22540109	2.6740244	21	—	—
352221 2007 TC_{34}	16.3	X	353.30403	17.72872	32.57505	13.74502	0.1765879	0.21629496	2.7485593	21	12 25.2	19.5
352222 2007 TQ_{35}	15.0	X	169.43114	229.26399	51.70310	32.73053	0.2337651	0.22959474	2.6413630	21	—	—
352223 2007 TD_{56}	17.0	X	334.63394	33.74421	26.30487	8.29139	0.2127578	0.21370914	2.7706861	21	12 1.5	19.7
352224 2007 TZ_{63}	17.1	X	326.11441	308.73596	167.46898	2.08896	0.0234429	0.22360544	2.6883211	21	—	—
352225 2007 TB_{65}	16.4	X	64.87831	296.34917	55.18400	7.06853	0.0529712	0.21965895	2.7204251	21	—	—
352226 2007 TT_{65}	18.2	X	184.36122	75.33189	15.27058	22.02654	0.1368521	0.40643005	1.8050068	21	6 18.4	21.0
352227 2007 TV_{66}	17.4	X	11.29775	278.94020	136.34026	3.49858	0.1467718	0.22227906	2.6990049	21	—	—
352228 2007 TF_{67}	16.1	X	2.59026	192.84589	229.33033	9.25855	0.2330320	0.21998328	2.7177506	21	—	—
352229 2007 TD_{70}	17.4	X	74.52433	38.69049	331.22824	1.18895	0.1775803	0.22874010	2.6479382	21	—	—
352230 2007 TD_{73}	17.5	X	74.01783	17.96409	0.34140	1.25971	0.0858126	0.22994623	2.6386706	21	—	—
352231 2007 TL_{78}	16.8	X	3.70780	63.38688	3.95306	4.75346	0.1838570	0.22149456	2.7053742	21	—	—
352232 2007 TJ_{79}	16.9	X	246.53165	269.11463	1.40959	3.37604	0.0899649	0.24189968	2.5510121	21	1 11.9	20.7
352233 2007 TP_{82}	17.2	X	35.32239	257.53585	198.87968	5.92621	0.1273843	0.23682464	2.5873278	21	—	—
352234 2007 TR_{82}	17.5	X	358.07234	234.59327	329.10502	1.92313	0.1293887	0.25447167	2.4662840	21	2 28.6	19.9
352235 2007 TW_{107}	16.4	X	144.13833	322.41847	12.22343	7.85788	0.0825529	0.23687472	2.5869631	21	—	—
352236 2007 TO_{111}	17.0	X	150.62990	17.72068	317.66284	5.80042	0.2049333	0.23950051	2.5680201	21	1 3.7	20.9
352237 2007 TY_{125}	17.0	X	36.73412	162.83259	217.39303	1.54136	0.1453507	0.22087033	2.7104691	21	—	—
352238 2007 TB_{132}	16.6	X	23.46738	310.00697	44.08353	4.00614	0.1280330	0.21391782	2.7688838	21	11 22.7	19.8
352239 2007 TV_{134}	17.9	X	135.92410	214.17374	150.24394	1.72343	0.1279418	0.24314891	2.5422670	21	1 12.6	21.3
352240 2007 TZ_{136}	16.4	X	83.91752	53.26540	291.54640	11.58968	0.2283065	0.22824637	2.6517554	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352241 2007 TS_{137}	17.5	X	94.70473	324.31605	18.30072	20.72934	0.0653685	0.36893987	1.9253026	21	—	—
352242 2007 TG_{139}	16.6	X	63.94207	4.14813	0.23664	5.08082	0.2359361	0.22502602	2.6769950	21	—	—
352243 2007 TW_{142}	16.7	X	58.43731	73.48399	306.23990	5.22290	0.2204324	0.22598060	2.6694509	21	—	—
352244 2007 TO_{143}	16.7	X	341.52053	55.41977	0.72026	4.88280	0.1131292	0.21888766	2.7268120	21	12 7.3	19.8
352245 2007 TO_{150}	16.6	X	33.96442	204.45180	203.73684	14.11649	0.1688676	0.22751850	2.6574080	21	—	—
352246 2007 TB_{161}	16.3	X	343.08367	192.68181	215.74283	15.12385	0.0847232	0.21537053	2.7564188	21	11 28.6	19.7
352247 2007 TQ_{162}	16.1	X	298.23090	188.75748	35.75777	9.28322	0.1209897	0.24444239	2.5332907	21	1 7.7	19.8
352248 2007 TJ_{163}	16.7	X	61.87943	305.00514	66.66274	2.81245	0.0926744	0.22516255	2.6759128	21	—	—
352249 2007 TC_{165}	15.8	X	36.70666	92.86337	276.19560	5.04175	0.0360078	0.21829986	2.7317047	21	12 18.1	19.4
352250 2007 TC_{168}	16.8	X	313.53999	178.11156	254.23742	3.23702	0.1858812	0.21283863	2.7782357	21	11 4.6	19.5
352251 2007 TV_{169}	16.9	X	23.46124	357.24483	70.27911	5.90623	0.1600711	0.22608648	2.6686175	21	—	—
352252 2007 TF_{172}	16.2	X	67.75054	287.88551	54.35775	9.12311	0.1667042	0.22205126	2.7008506	21	—	—
352253 2007 TB_{174}	16.6	X	14.14018	189.48584	192.50988	11.26205	0.1016579	0.21741542	2.7391080	21	12 13.2	20.2
352254 2007 TJ_{178}	16.7	X	98.78544	121.65350	249.38007	3.63880	0.1718832	0.23173135	2.6251021	21	—	—
352255 2007 TZ_{180}	16.8	X	57.68023	310.25330	87.90834	4.67815	0.1124280	0.22950172	2.6420767	21	—	—
352256 2007 TS_{186}	17.0	X	55.17416	313.38607	61.34163	6.91526	0.1589869	0.22464457	2.6800245	21	—	—
352257 2007 TQ_{188}	17.7	X	100.78389	37.48753	338.03082	4.03275	0.1291988	0.23830305	2.5766157	21	—	—
352258 2007 TF_{195}	16.8	X	155.99102	269.91043	32.49438	6.06986	0.0540109	0.22992524	2.6388312	21	—	—
352259 2007 TG_{201}	17.3	X	77.14105	184.24517	196.30017	1.48474	0.1004857	0.22898126	2.6460787	21	—	—
352260 2007 TR_{209}	17.0	X	134.63351	328.14640	356.50225	6.93127	0.1707467	0.23408847	2.6074502	21	—	—
352261 2007 TY_{213}	16.5	X	168.84839	73.79014	230.32243	10.07031	0.1094999	0.23308827	2.6149041	21	—	—
352262 2007 TU_{214}	17.0	X	17.29296	19.69845	355.80232	4.47592	0.1375565	0.21544582	2.7557766	21	12 13.0	20.3
352263 2007 TT_{215}	17.1	X	26.90305	55.29845	350.37619	3.34158	0.1144931	0.22170856	2.7036330	21	—	—
352264 2007 TG_{222}	17.2	X	151.32325	171.32727	150.09488	1.97009	0.1851288	0.23623615	2.5916229	21	—	—
352265 2007 TJ_{247}	16.4	X	75.51132	318.72784	67.46627	10.57033	0.1011205	0.22796426	2.6539427	21	—	—
352266 2007 TM_{250}	17.1	X	263.65088	251.08635	9.73943	11.92013	0.0988701	0.24589622	2.5232957	21	1 19.5	21.0
352267 2007 TM_{266}	16.5	X	70.71498	282.26931	61.58946	11.81008	0.1344965	0.22166086	2.7040209	21	—	—
352268 2007 TB_{269}	16.4	X	35.61417	348.53880	47.48666	3.19464	0.0905985	0.22427057	2.6830032	21	—	—
352269 2007 TD_{270}	17.0	X	303.49756	172.31538	270.42789	3.44125	0.0280404	0.21381057	2.7698098	21	11 15.1	20.6
352270 2007 TX_{278}	16.1	X	170.94373	59.61490	211.46446	13.35412	0.0861715	0.22947174	2.6423068	21	—	—
352271 2007 TC_{284}	16.7	X	106.17467	42.14397	329.87550	7.51671	0.1014363	0.24205285	2.5499358	21	—	—
352272 2007 TQ_{285}	17.4	X	30.12710	15.35878	62.92784	3.12715	0.0512288	0.23251700	2.6191854	21	—	—
352273 2007 TF_{298}	16.7	X	27.35931	6.11162	22.54269	4.04607	0.1859788	0.21841865	2.7307141	21	—	—
352274 2007 TZ_{306}	17.1	X	74.93539	12.16195	20.15639	12.71054	0.0923575	0.23278642	2.6171641	21	—	—
352275 2007 TV_{310}	16.4	X	28.81113	202.76445	163.33920	4.48875	0.1088589	0.21801765	2.7340615	21	12 14.6	19.9
352276 2007 TQ_{322}	16.9	X	309.97430	53.84703	165.66367	5.78022	0.1254850	0.24401365	2.5362572	21	1 12.7	20.4
352277 2007 TZ_{337}	16.6	X	83.32779	279.94792	90.72923	5.46810	0.2036638	0.22918942	2.6444762	21	—	—
352278 2007 TZ_{350}	17.1	X	69.67934	339.84231	68.80227	2.39298	0.1487289	0.23791174	2.5794402	21	—	—
352279 2007 TS_{353}	17.7	X	33.82933	43.02165	20.64442	5.97240	0.2191838	0.22960881	2.6412551	21	—	—
352280 2007 TT_{371}	17.0	X	19.20645	183.29245	246.14417	4.08435	0.1172393	0.22845320	2.6501546	21	—	—
352281 2007 TO_{372}	16.1	X	108.23562	1.22641	344.00089	12.14670	0.1862163	0.23066839	2.6331605	21	—	—
352282 2007 TR_{372}	17.0	X	45.23371	337.78680	68.94215	3.11899	0.0876287	0.23031322	2.6358668	21	—	—
352283 2007 TN_{377}	16.2	X	145.80268	19.48957	231.16958	7.78613	0.0390427	0.21388206	2.7691925	21	12 1.0	20.2
352284 2007 TX_{378}	16.4	X	98.44052	317.40625	23.86037	14.82655	0.1000059	0.22967026	2.6407840	21	—	—
352285 2007 TQ_{388}	17.3	X	68.08791	312.23534	130.67116	2.15988	0.1652077	0.23844668	2.5755809	21	1 23.5	19.9
352286 2007 TR_{392}	16.7	X	71.38204	308.86471	62.43926	7.15649	0.1759717	0.22689786	2.6622517	21	—	—
352287 2007 TM_{396}	16.3	X	226.54403	2.67369	237.97621	10.52985	0.1070052	0.23159254	2.6261509	21	—	—
352288 2007 TS_{399}	16.7	X	338.17625	105.48985	290.17004	3.65333	0.0495049	0.21056493	2.7981996	21	10 31.5	20.4
352289 2007 TU_{411}	16.4	X	168.69607	305.23388	354.22359	21.72997	0.0490449	0.23409007	2.6074384	21	—	—
352290 2007 TY_{413}	16.6	X	286.22074	315.13236	131.43082	10.55366	0.1995991	0.20901047	2.8120564	21	10 8.4	20.1
352291 2007 TZ_{413}	17.1	X	1.39363	270.90526	128.40138	9.92721	0.2163803	0.21721338	2.7408062	21	12 31.2	20.1
352292 2007 TG_{419}	17.0	X	73.36655	297.95445	54.85272	6.74742	0.2385923	0.22593307	2.6698253	21	—	—
352293 2007 TR_{419}	16.5	X	97.25427	275.91633	127.11731	15.04587	0.1735117	0.23976011	2.5661661	21	1 18.8	19.4
352294 2007 TG_{421}	16.1	X	90.85297	269.71918	98.89624	15.11040	0.1338435	0.23122396	2.6289409	21	—	—
352295 2007 TG_{426}	16.8	X	28.31312	27.80153	56.52859	4.87631	0.0835090	0.23207090	2.6225408	21	—	—
352296 2007 TW_{426}	17.5	X	329.03334	36.30078	72.24764	3.17897	0.1605332	0.22318191	2.6917211	21	—	—
352297 2007 TW_{429}	16.7	X	94.81586	212.11584	125.54891	5.34840	0.1978676	0.22628717	2.6670394	21	—	—
352298 2007 TT_{434}	15.9	X	356.40050	294.19225	76.39465	15.31238	0.2269263	0.21338877	2.7734585	21	11 14.9	18.6
352299 2007 TB_{441}	17.0	X	11.84242	268.41503	111.66967	8.64991	0.2384870	0.21603577	2.7507573	21	12 26.5	20.0
352300 2007 TO_{442}	16.0	X	5.77291	318.48046	71.36394	7.63752	0.0671396	0.21609093	2.7502891	21	12 6.3	19.4
352301 2007 TV_{444}	17.0	X	72.50028	282.77101	114.67752	3.46762	0.1270345	0.23106633	2.6301364	21	—	—
352302 2007 TO_{448}	16.4	X	318.23797	148.11790	277.71624	9.08595	0.1062133	0.21345048	2.7729239	21	11 8.2	19.8
352303 2007 TF_{453}	15.4	X	298.85621	274.99087	84.62060	11.04064	0.0707562	0.18601046	3.0393296	21	7 16.4	19.5
352304 2007 UT_{5}	15.2	X	89.18457	284.49875	240.40477	25.16318	0.2229788	0.17721460	3.1390848	21	6 25.9	20.1
352305 2007 UF_{8}	16.1	X	65.90706	77.03921	327.74082	10.95955	0.1247725	0.23073878	2.6326249	21	—	—
352306 2007 UB_{15}	17.2	X	28.87467	272.98460	159.20937	1.11652	0.1901389	0.22959002	2.6413992	21	—	—
352307 2007 UT_{25}	17.0	X	60.89030	166.96721	217.59649	5.70904	0.0538875	0.22385228	2.6863445	21	—	—
352308 2007 UE_{36}	17.3	X	161.48116	210.42966	132.25858	3.68738	0.1629418	0.24278851	2.5447822	21	1 17.7	21.0
352309 2007 UZ_{46}	16.7	X	356.89430	214.72495	194.81084	6.50124	0.1747167	0.21562059	2.7542872	21	12 30.1	19.8
352310 2007 UM_{47}	16.1	X	10.11438	348.76011	86.16046	13.00849	0.1596996	0.22306775	2.6926394	21	—	—
352311 2007 UP_{59}	16.9	X	51.43310	318.24027	43.27377	11.08358	0.1605418	0.21997158	2.7178470	21	—	—
352312 2007 UE_{62}	16.8	X	295.94370	182.19214	16.56838	7.10042	0.0951841	0.23947980	2.5681682	21	—	—
352313 2007 UP_{74}	17.0	X	29.27259	311.22900	33.06522	4.78744	0.0137236	0.21157650	2.7892735	21	11 2.7	20.6
352314 2007 UR_{79}	17.0	X	283.74346	142.55197	44.32045	10.40829	0.0358295	0.22798925	2.6537488	21	—	—
352315 2007 UF_{81}	16.9	X	346.11146	295.73271	192.42850	12.26514	0.2152063	0.22891549	2.6465855	21	—	—
352316 2007 US_{82}	17.1	X	174.01928	241.27763	27.17164	2.12963	0.0261276	0.22413195	2.6841093	21	—	—
352317 2007 UE_{86}	16.8	X	119.09340	285.85503	69.60192	5.22155	0.1511967	0.23183826	2.6242949	21	—	—
352318 2007 UM_{91}	17.0	X	120.07986	301.07941	42.73010	3.35192	0.0209510	0.22729213	2.6591721	21	—	—
352319 2007 UZ_{103}	16.6	X	36.42090	133.38011	202.52180	3.75327	0.1120142	0.20905615	2.8116467	21	11 15.3	20.1
352320 2007 UN_{106}	16.7	X	52.53335	288.27068	24.35818	3.30012	0.1515080	0.21108126	2.7936346	21	11 12.1	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352321 2007 UG_{109}	16.7	X	93.26569	127.60146	222.64074	5.15421	0.0377360	0.22442794	2.6817488	21	—	—
352322 2007 UQ_{113}	17.1	X	349.62839	37.55056	71.17897	2.64939	0.0427354	0.22561850	2.6723064	21	—	—
352323 2007 UB_{114}	17.2	X	295.73282	118.67243	30.76673	8.61542	0.2046616	0.21880713	2.7274810	21	—	—
352324 2007 UN_{116}	16.8	X	201.41527	236.06537	55.00342	9.55689	0.1564907	0.23756754	2.5819311	21	—	—
352325 2007 US_{123}	16.4	X	56.82627	314.35478	89.61277	9.00726	0.1104388	0.22937815	2.6430255	21	—	—
352326 2007 UX_{126}	16.6	X	266.90767	96.93314	66.08874	10.01617	0.0633729	0.21818014	2.7327039	21	—	—
352327 2007 UB_{128}	15.8	X	105.60308	131.07243	50.38823	10.78201	0.0944228	0.18725726	3.0258236	21	7 25.9	20.4
352328 2007 UC_{129}	16.9	X	256.21365	308.30014	245.85020	6.05133	0.0636250	0.22130059	2.7069548	21	—	—
352329 2007 UW_{130}	16.6	X	104.95521	125.76099	203.81911	4.32693	0.0583418	0.22046221	2.7138131	21	—	—
352330 2007 UM_{136}	16.7	X	59.31510	292.93880	188.36286	5.70811	0.2119841	0.24002342	2.5642890	21	3 7.7	18.9
352331 2007 UY_{139}	16.0	X	137.82123	188.74992	76.38555	12.43297	0.0774211	0.21300011	2.7768313	21	12 9.9	20.2
352332 2007 UB_{142}	16.2	X	327.06047	324.96740	61.76179	3.02935	0.0779113	0.20405937	2.8573604	21	10 4.4	19.6
352333 Sylvievauclair	16.6	X	42.51223	6.34058	357.73371	10.08594	0.2451842	0.21787552	2.7352504	21	—	—
352334 2007 VL_{7}	16.2	X	321.76244	297.63017	108.77853	13.75572	0.1312134	0.21128656	2.7918247	21	10 26.6	19.6
352335 2007 VV_{12}	16.6	X	3.43557	126.23991	257.20001	8.10378	0.2394504	0.21361259	2.7715209	21	12 15.5	19.3
352336 2007 VC_{14}	16.9	X	335.72127	62.61405	48.40340	4.66481	0.0500325	0.22532035	2.6746632	21	—	—
352337 2007 VG_{28}	16.4	X	100.66492	258.45323	129.29233	13.45020	0.1763007	0.23420441	2.6065897	21	1 5.6	19.6
352338 2007 VS_{44}	16.8	X	27.74535	120.72770	279.33133	5.24779	0.0889772	0.22068418	2.7119931	21	—	—
352339 2007 VG_{47}	16.9	X	275.53010	91.64319	23.16568	9.10683	0.1129101	0.21066402	2.7973221	21	11 5.8	20.5
352340 2007 VA_{58}	17.0	X	23.40208	230.81014	177.76152	5.55536	0.0289399	0.21981238	2.7191591	21	—	—
352341 2007 VK_{66}	16.4	X	279.19562	134.04775	68.52441	14.74731	0.0897511	0.22939384	2.6429050	21	—	—
352342 2007 VA_{74}	17.1	X	326.26994	87.47613	38.58394	7.43218	0.1917035	0.22499148	2.6772689	21	—	—
352343 2007 VO_{75}	17.5	X	331.13079	26.24871	88.42871	2.28655	0.0800792	0.22259661	2.6964375	21	—	—
352344 2007 VL_{85}	17.0	X	86.27011	120.90373	255.83856	6.91894	0.2027707	0.23136113	2.6279017	21	—	—
352345 2007 VA_{86}	17.1	X	126.89566	32.77567	313.83517	3.60556	0.1602617	0.23398141	2.6082456	21	—	—
352346 2007 VX_{100}	16.7	X	73.76912	306.17598	42.51594	5.60240	0.1315418	0.21889351	2.7267634	21	—	—
352347 2007 VW_{105}	16.9	X	354.76006	150.62696	250.99375	3.75386	0.1224337	0.21323030	2.7748325	21	12 9.9	20.1
352348 2007 VB_{108}	16.4	X	262.62989	149.35380	237.71634	7.31853	0.1252577	0.19271886	2.9683828	21	6 25.5	20.7
352349 2007 VG_{110}	17.1	X	329.05662	91.55917	285.45096	1.00788	0.0809673	0.20281274	2.8690573	21	9 22.1	20.7
352350 2007 VT_{124}	16.2	X	305.84150	41.05226	55.76173	8.30466	0.1886400	0.21076112	2.7964629	21	11 23.4	18.9
352351 2007 VQ_{133}	16.9	X	34.71841	108.86067	281.85932	6.41529	0.1442708	0.22099525	2.7094476	21	—	—
352352 2007 VN_{136}	17.7	X	190.85979	275.83707	34.12566	3.60529	0.1329549	0.23998776	2.5645430	21	1 5.4	21.7
352353 2007 VW_{166}	16.4	X	340.77565	317.38809	56.40428	9.70541	0.0491060	0.20377800	2.8599901	21	10 11.1	20.2
352354 2007 VY_{167}	16.9	X	63.62167	304.17324	50.13554	6.56146	0.0747915	0.21591257	2.7518036	21	—	—
352355 2007 VX_{170}	16.4	X	287.70393	263.57666	268.35702	7.65811	0.0671811	0.22516282	2.6759106	21	—	—
352356 2007 VB_{183}	16.6	X	344.82731	52.40826	5.40154	7.61142	0.1873065	0.21437120	2.7649785	21	12 20.3	19.5
352357 2007 VA_{185}	16.4	X	64.58226	325.23920	60.72777	6.69272	0.0686371	0.22452246	2.6809962	21	—	—
352358 2007 VO_{190}	16.7	X	92.59425	261.31292	75.95817	9.45947	0.2119137	0.22415368	2.6839359	21	—	—
352359 2007 VP_{190}	16.7	X	314.07060	71.77561	67.06709	14.38735	0.0868986	0.22223944	2.6993257	21	—	—
352360 2007 VX_{203}	16.5	X	301.26066	91.84929	73.98482	12.23175	0.2203398	0.22249852	2.6972299	21	—	—
352361 2007 VD_{205}	17.1	X	307.20911	139.80178	50.50436	3.66879	0.1173027	0.23385481	2.6091868	21	—	—
352362 2007 VJ_{206}	17.0	X	246.14312	273.78907	222.81739	2.70478	0.0360587	0.21161278	2.7889546	21	11 7.8	20.8
352363 2007 VH_{210}	17.5	X	57.68869	337.46062	79.43366	2.29597	0.0449172	0.23327884	2.6134798	21	—	—
352364 2007 VN_{214}	17.5	X	37.25494	18.53437	90.07300	6.08599	0.0258403	0.30666219	2.1778563	21	—	—
352365 2007 VB_{216}	16.6	X	3.65838	5.52667	36.87770	5.28297	0.1146102	0.21500671	2.7595274	21	12 24.6	19.9
352366 2007 VO_{216}	16.9	X	60.85505	94.81241	276.67945	1.60939	0.0845631	0.22059064	2.7127597	21	—	—
352367 2007 VS_{233}	16.3	X	28.89732	92.12471	64.12973	13.48958	0.2774998	0.23536098	2.5980435	21	3 1.3	18.4
352368 2007 VR_{242}	16.6	X	57.32372	91.54633	294.12393	10.99897	0.1978201	0.22557460	2.6726531	21	—	—
352369 2007 VH_{243}	16.1	X	177.07667	185.12017	328.39716	5.78722	0.0972854	0.18214580	3.0821701	21	9 1.9	21.0
352370 2007 VG_{244}	17.0	X	309.94128	109.52551	34.35623	9.47010	0.1710045	0.22184460	2.7025276	21	—	—
352371 2007 VL_{254}	16.0	X	266.79959	257.90381	108.34686	13.49430	0.1524042	0.19015114	2.9950456	21	6 2.9	20.6
352372 2007 VA_{255}	17.4	X	74.90439	37.89504	338.93696	2.79056	0.1121634	0.23256021	2.6188610	21	—	—
352373 2007 VG_{260}	15.8	X	3.28665	30.77486	62.82316	22.60124	0.0811299	0.22534281	2.6744855	21	—	—
352374 2007 VM_{263}	16.3	X	308.88774	270.69502	263.32148	5.35221	0.1185968	0.22627241	2.6671554	21	—	—
352375 2007 VM_{269}	16.5	X	350.16666	331.21382	101.22516	6.56366	0.1407878	0.21690467	2.7434062	21	—	—
352376 2007 VF_{278}	16.7	X	258.25407	179.51135	70.72513	4.44200	0.1846232	0.23731556	2.5837584	21	—	—
352377 2007 VL_{286}	16.0	X	255.76797	32.09594	60.60130	8.58461	0.0828669	0.19860231	2.9094653	21	9 21.3	20.2
352378 2007 VW_{294}	15.6	X	199.82751	340.86276	130.12114	17.78596	0.1580240	0.17935747	3.1140320	21	8 1.7	20.7
352379 2007 VD_{298}	16.2	X	154.29601	198.60072	120.41342	15.76303	0.0722061	0.23232870	2.6206004	21	—	—
352380 2007 VE_{299}	16.5	X	325.15696	295.42671	103.01273	6.15999	0.1245356	0.20836153	2.8178921	21	10 17.5	19.7
352381 2007 VF_{304}	16.1	X	345.38494	289.61345	150.52845	14.35283	0.0639934	0.21696786	2.7428735	21	—	—
352382 2007 VU_{309}	16.3	X	273.17931	86.99825	300.78554	7.26459	0.0893188	0.18744146	3.0238409	21	7 15.5	20.3
352383 2007 VN_{318}	17.2	X	338.66062	43.31155	23.93133	2.21361	0.1284721	0.21412121	2.7671302	21	12 17.5	20.2
352384 2007 VZ_{323}	16.6	X	45.08656	337.96618	51.21575	6.93267	0.0604489	0.22370676	2.6875093	21	—	—
352385 2007 VD_{328}	16.4	X	68.31650	85.13926	278.65212	10.88558	0.1229433	0.22138786	2.7062434	21	—	—
352386 2007 VO_{331}	16.8	X	357.60831	11.67231	75.16003	5.43598	0.0840516	0.21950153	2.7217257	21	—	—
352387 2007 VP_{331}	16.4	X	335.07292	258.97178	117.54679	3.17521	0.0797982	0.20310670	2.8662883	21	10 3.3	19.8
352388 2007 WB_{6}	16.4	X	311.08781	71.62907	26.04302	8.24214	0.2865653	0.21155968	2.7894213	21	11 24.3	18.6
352389 2007 WP_{8}	15.5	X	172.15464	168.02639	259.69433	16.81850	0.2253904	0.17936108	3.1139902	21	5 17.2	20.9
352390 2007 WK_{11}	16.6	X	110.41998	240.08525	89.57882	12.09686	0.2300040	0.22611769	2.6683719	21	—	—
352391 2007 WG_{15}	16.1	X	206.15442	333.64502	234.97938	11.37594	0.1094666	0.21322229	2.7749020	21	12 10.6	20.3
352392 2007 WM_{22}	17.2	X	315.48595	81.27806	1.70130	4.55140	0.1392997	0.21310759	2.7758975	21	11 26.1	20.2
352393 2007 WV_{36}	17.0	X	308.50270	195.23519	295.85556	5.34857	0.0617610	0.21870420	2.7283367	21	—	—
352394 2007 WQ_{38}	16.8	X	3.15312	35.80753	32.18144	6.52698	0.1052563	0.21755408	2.7379440	21	—	—
352395 2007 WM_{51}	16.7	X	290.09995	179.32806	232.56529	11.80919	0.1254715	0.20085648	2.8876562	21	8 29.0	20.7
352396 2007 WG_{56}	16.1	X	349.13527	333.55567	78.46364	15.02524	0.1221197	0.21138889	2.7909236	21	12 13.7	19.1
352397 2007 WS_{62}	15.8	X	241.60477	346.69910	74.72747	10.11096	0.1216673	0.18586754	3.0408875	21	7 16.9	20.4
352398 2007 WA_{63}	16.1	X	61.25774	204.13213	100.12358	12.38591	0.1147344	0.20063178	2.8898118	21	11 10.5	20.3
352399 2007 XY_{1}	16.4	X	86.67376	257.47472	72.15631	7.20505	0.0297630	0.21569036	2.7536933	21	12 29.1	20.3
352400 2007 XM_{5}	16.9	X	282.16155	98.75159	63.01263	4.20939	0.1311021	0.21707507	2.7419704	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352401 2007 XS_{9}	16.5	X	19.69106	312.90774	79.31692	5.78044	0.0848979	0.21410443	2.7672747	21	12 30.7	20.1
352402 2007 XS_{14}	16.5	X	323.51480	176.76147	276.44218	2.78906	0.0698524	0.21343837	2.7730289	21	12 25.8	19.8
352403 2007 XU_{14}	16.9	X	279.77267	125.51143	54.77315	2.55080	0.1560791	0.21880829	2.7274714	21	—	—
352404 2007 XC_{19}	16.8	X	15.11290	48.73799	346.28183	4.24644	0.1368399	0.21647547	2.7470311	21	—	—
352405 2007 XJ_{26}	16.0	X	254.19507	290.87443	259.19941	11.88039	0.1034385	0.22091900	2.7100710	21	—	—
352406 2007 XG_{30}	16.3	X	357.24569	344.02137	80.98336	13.26301	0.0831864	0.21648717	2.7469322	21	—	—
352407 2007 XC_{40}	14.9	X	140.01060	195.81148	296.92565	24.88705	0.1311519	0.17724464	3.1387301	21	7 5.5	19.8
352408 2007 XG_{41}	15.8	X	281.56794	308.60465	81.59986	11.19118	0.1251942	0.19097434	2.9864325	21	7 25.6	19.9
352409 2007 XH_{41}	15.6	X	230.69381	94.19669	287.85994	19.75513	0.2261171	0.18122937	3.0925518	21	5 4.9	21.2
352410 2007 XJ_{42}	15.7	X	86.05543	62.71088	129.63515	17.31677	0.1603994	0.17236123	3.1977388	21	7 22.2	20.4
352411 2007 XF_{52}	16.5	X	332.43908	35.28379	43.06146	4.63894	0.0795537	0.21206597	2.7849798	21	12 19.6	19.9
352412 2007 XX_{52}	16.5	X	240.67319	30.92985	117.81062	18.75568	0.0573154	0.19901970	2.9053960	21	11 17.9	20.9
352413 2007 XZ_{52}	15.8	X	354.32296	149.29448	272.38081	16.76119	0.1284034	0.21520015	2.7578734	21	—	—
352414 2007 XF_{53}	16.3	X	214.85604	203.14651	292.47537	2.35305	0.0627305	0.18928033	3.0042245	21	9 22.4	20.8
352415 2007 XX_{53}	16.3	X	127.89166	32.48025	126.57614	2.88727	0.0402960	0.17964648	3.1106913	21	7 14.5	20.9
352416 2007 XJ_{56}	15.9	X	263.50933	135.79732	278.25345	9.38820	0.1463713	0.19209978	2.9747568	21	7 27.1	20.2
352417 2007 XA_{58}	16.6	X	90.39347	216.43328	50.44117	6.65685	0.0279550	0.19765896	2.9187151	21	10 15.4	20.6
352418 2007 YN_{13}	16.4	X	217.74086	188.07994	320.28848	7.92243	0.0992072	0.19694850	2.9257302	21	10 5.9	20.9
352419 2007 YR_{17}	16.6	X	28.62674	347.98076	51.81473	6.39959	0.0718408	0.21579243	2.7528248	21	—	—
352420 2007 YO_{20}	15.8	X	86.08170	322.10495	275.91638	11.10370	0.1396388	0.18833225	3.0142985	21	9 9.8	20.5
352421 2007 YM_{22}	15.6	X	254.70406	47.63368	276.85422	14.99517	0.1864250	0.17215954	3.2002359	21	3 19.1	21.0
352422 2007 YZ_{35}	16.7	X	68.52263	22.74511	329.87209	3.19891	0.1088526	0.21193005	2.7861705	21	—	—
352423 2007 YJ_{43}	16.3	X	94.92180	75.84799	86.16033	2.83620	0.1135899	0.17177757	3.2049782	21	6 18.2	20.8
352424 2007 YV_{45}	15.8	X	128.05826	268.34068	299.09978	9.14816	0.0294472	0.18834071	3.0142082	21	9 9.5	20.3
352425 2007 YY_{48}	15.8	X	205.67857	203.94426	275.18019	9.13035	0.0691542	0.18959890	3.0008584	21	8 19.3	20.4
352426 2007 YF_{64}	15.6	X	0.36676	132.24203	136.46859	12.16712	0.0556707	0.17494830	3.1661360	21	6 17.9	19.9
352427 2007 YL_{66}	16.6	X	244.53879	194.73214	131.54142	4.47804	0.1399684	0.23650568	2.5896536	21	3 18.2	20.5
352428 2007 YW_{72}	15.7	X	35.77445	292.80992	103.96104	15.65639	0.2222430	0.21926106	2.7237153	21	—	—
352429 2007 YC_{73}	16.2	X	176.63238	264.52636	299.92465	8.53901	0.2252074	0.19284872	2.9670501	21	10 27.1	21.5
352430 2007 YB_{74}	16.5	X	271.75919	344.36852	146.73082	8.58042	0.2237787	0.20411483	2.8568428	21	11 8.3	20.3
352431 2008 AY_{4}	15.9	X	128.80695	17.40399	128.28234	14.14422	0.1224290	0.17488060	3.1669530	21	7 6.9	20.8
352432 2008 AY_{12}	15.9	X	100.85750	40.11227	139.98894	9.84940	0.0213055	0.17855622	3.1233409	21	7 5.3	20.3
352433 2008 AV_{13}	16.0	X	231.23382	275.06908	137.99027	10.24189	0.0762547	0.18102946	3.0948282	21	6 28.7	20.7
352434 2008 AZ_{16}	16.4	X	336.85511	216.88659	133.11265	9.72496	0.0515499	0.18737074	3.0246018	21	8 30.8	20.3
352435 2008 AO_{20}	16.0	X	277.78336	245.40270	127.15236	11.00445	0.1616285	0.18077208	3.0977651	21	6 21.4	20.5
352436 2008 AK_{21}	16.1	X	239.00833	140.96378	330.26840	7.60881	0.1662457	0.19116473	2.9844493	21	9 7.6	20.6
352437 2008 AS_{23}	16.3	X	233.02062	6.69207	120.25809	11.57596	0.0143335	0.19180051	2.9778504	21	10 15.9	20.7
352438 2008 AB_{25}	16.9	X	212.18108	146.45376	346.42820	4.20098	0.0113815	0.18884843	3.0088033	21	9 21.6	21.2
352439 2008 AN_{27}	15.7	X	61.38992	300.12663	320.80951	14.08500	0.0632207	0.17991987	3.1075393	21	8 30.7	20.1
352440 2008 AR_{28}	18.1	X	194.24357	75.48955	317.66087	19.40394	0.0915744	0.39034661	1.8542535	21	3 23.3	20.7
352441 2008 AP_{34}	16.0	X	220.99878	324.46012	116.10811	12.68816	0.1315524	0.18412366	3.0600580	21	7 17.3	20.6
352442 2008 AM_{35}	16.6	X	198.28310	213.88559	281.13397	1.52959	0.1468108	0.18796863	3.0181846	21	8 29.8	21.4
352443 2008 AD_{36}	16.5	X	159.39381	253.18721	298.01115	2.38131	0.1034478	0.19055075	2.9908568	21	9 30.2	21.2
352444 2008 AR_{40}	15.9	X	196.13804	74.87168	331.36040	8.88297	0.0279351	0.16878118	3.2427991	21	5 10.9	20.8
352445 2008 AY_{41}	16.1	X	144.51296	61.46772	118.05522	12.59746	0.2983764	0.18133353	3.0913676	21	9 12.7	21.8
352446 2008 AF_{43}	15.5	X	129.57165	245.25797	304.20632	9.87921	0.0712092	0.18414845	3.0597834	21	8 24.4	20.0
352447 2008 AB_{45}	15.5	X	124.06129	225.15766	288.44952	9.27871	0.0527060	0.17612097	3.1520662	21	7 4.7	20.1
352448 2008 AU_{49}	15.9	X	353.25804	175.76992	99.64981	7.69762	0.0882843	0.17705958	3.1409167	21	6 14.4	19.9
352449 2008 AM_{54}	16.0	X	290.07523	136.32343	302.61191	10.13510	0.0688135	0.19804214	2.9149491	21	10 11.1	20.1
352450 2008 AE_{59}	16.1	X	276.30948	52.56793	289.11490	4.78818	0.0708630	0.17491244	3.1665687	21	5 22.9	20.6
352451 2008 AU_{65}	16.3	X	266.79710	313.36604	114.17836	4.10069	0.1374791	0.19005426	2.9960633	21	8 21.5	20.5
352452 2008 AF_{68}	16.2	X	78.30653	147.98088	132.41683	12.70906	0.0390892	0.19209857	2.9747694	21	10 21.7	20.6
352453 2008 AN_{69}	16.1	X	304.96890	60.92370	321.61326	8.79415	0.0851315	0.18650723	3.0339303	21	8 21.4	20.1
352454 2008 AO_{73}	15.9	X	18.57418	356.34276	307.20893	8.02537	0.0226445	0.18523259	3.0478327	21	8 24.4	20.0
352455 2008 AW_{75}	16.2	X	209.69115	198.41324	300.58967	8.60340	0.0177927	0.19122115	2.9838622	21	9 21.9	20.6
352456 2008 AQ_{78}	16.7	X	116.66715	263.62138	127.23763	1.93495	0.0457755	0.22498984	2.6772819	21	1 14.3	20.3
352457 2008 AB_{84}	16.7	X	212.50789	32.83316	113.95809	2.13806	0.1125757	0.19407117	2.9545773	21	10 1.7	21.2
352458 2008 AU_{84}	16.0	X	188.15007	107.82032	344.10076	9.65289	0.0623202	0.18055781	3.1002153	21	7 1.4	20.8
352459 2008 AQ_{85}	15.8	X	279.64497	302.24856	122.75934	17.70062	0.0813930	0.19190523	2.9767670	21	9 17.3	20.0
352460 2008 AA_{86}	16.3	X	264.04521	98.65257	317.44000	10.30655	0.1460900	0.18790108	3.0189079	21	8 1.8	20.7
352461 2008 AW_{94}	15.9	X	218.48493	85.75317	316.12534	10.81442	0.0387195	0.17477626	3.1682133	21	6 1.9	20.7
352462 2008 AN_{100}	16.3	X	92.93501	327.29964	292.65867	10.15802	0.0339036	0.19037036	2.9927457	21	10 2.3	20.8
352463 2008 AA_{102}	16.0	X	332.21342	305.48249	99.82555	6.41523	0.0503540	0.20205097	2.8762640	21	11 6.8	19.7
352464 2008 AS_{106}	15.8	X	46.14681	120.71411	118.83424	14.46484	0.0632645	0.17880015	3.1204996	21	7 15.8	19.8
352465 2008 AO_{108}	16.3	X	231.32067	99.99271	292.64299	8.51531	0.0788655	0.17714369	3.1399225	21	6 2.3	21.1
352466 2008 AL_{111}	16.1	X	233.90210	297.71654	130.13021	7.27904	0.1319550	0.18332524	3.0689363	21	7 14.4	20.9
352467 2008 AC_{115}	16.4	X	175.03236	41.70149	145.68669	11.14527	0.0533747	0.19200995	2.9756846	21	10 17.6	20.9
352468 2008 AC_{117}	15.3	X	42.27516	139.48198	101.24585	17.62104	0.1647495	0.17596889	3.1538821	21	7 25.9	19.2
352469 2008 AU_{126}	16.0	X	345.06456	88.40077	280.34173	8.72961	0.1135484	0.19617386	2.9334271	21	10 1.2	19.7
352470 2008 AJ_{130}	16.5	X	312.54853	341.06805	108.25836	3.25199	0.0282013	0.20359592	2.8616949	21	12 4.5	20.2
352471 2008 AY_{136}	16.1	X	185.45133	25.46546	72.47182	5.22521	0.0862332	0.17746551	3.1361254	21	7 4.7	21.0
352472 2008 BN	16.0	X	285.32172	320.62464	69.38335	10.68904	0.0980757	0.18890047	3.0082507	21	8 5.1	20.2
352473 2008 BD_{2}	15.7	X	179.95717	340.76387	118.68362	18.76484	0.1172119	0.17838715	3.1253141	21	7 1.3	20.7
352474 2008 BZ_{2}	15.3	X	59.22158	39.00506	271.60039	35.18162	0.1436922	0.21719343	2.7409740	21	11 18.5	19.6
352475 2008 BD_{4}	16.5	X	168.05317	204.95145	316.58616	10.63904	0.1964489	0.18570890	3.0426190	21	9 1.1	21.8
352476 2008 BJ_{5}	15.7	X	118.98078	60.68074	111.38006	11.52687	0.0554251	0.17892358	3.1190644	21	7 22.4	20.2
352477 2008 BL_{16}	17.4	X	152.62293	55.09472	308.30482	16.37042	0.1127968	0.37423443	1.9071004	21	1 2.4	19.3
352478 2008 BV_{19}	16.2	X	309.80152	31.41527	65.84578	2.89414	0.0286429	0.20646177	2.8351516	21	12 10.9	20.0
352479 2008 BO_{31}	16.6	X	223.99207	337.89884	144.43064	7.69722	0.1846533	0.18922273	3.0048342	21	9 6.5	21.3
352480 2008 BH_{32}	16.2	X	98.60785	66.08653	158.64242	1.19147	0.1275279	0.17844507	3.1246377	21	9 11.2	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352481 2008 BN_{33}	15.8	X	144.40288	286.50703	314.95509	7.99468	0.0735925	0.19304669	2.9650213	21	11 12.9	20.4
352482 2008 BG_{40}	16.2	X	249.40038	43.33169	90.34422	8.46225	0.1558121	0.19935314	2.9021554	21	10 24.2	20.4
352483 2008 BR_{41}	15.0	X	197.82693	305.50836	125.82166	27.67899	0.0933629	0.17555547	3.1588316	21	6 18.9	20.2
352484 2008 BD_{48}	16.9	X	194.73691	40.36432	110.94187	11.81274	0.0635437	0.18870125	3.0103676	21	9 25.7	21.5
352485 2008 BD_{49}	16.0	X	20.99026	303.23380	330.32617	3.59408	0.1847680	0.17212657	3.2006445	21	8 4.3	19.4
352486 2008 BW_{49}	16.9	X	238.81847	352.86271	141.51438	2.67872	0.0670369	0.19597207	2.9354404	21	10 21.4	21.1
352487 2008 BZ_{50}	16.1	X	211.35982	124.33755	326.02394	8.55328	0.0085307	0.17844234	3.1246696	21	7 29.8	20.5
352488 2008 BS_{53}	16.2	X	269.06325	73.59336	331.92540	11.34662	0.2047166	0.18383676	3.0632408	21	7 18.7	20.7
352489 2008 CF_{4}	15.7	X	171.63513	156.85309	330.19363	9.76679	0.1634189	0.17750426	3.1356689	21	7 28.6	20.8
352490 2008 CO_{4}	16.8	X	214.90786	330.73712	140.86304	6.08344	0.2026102	0.18233761	3.0800082	21	8 13.6	22.0
352491 2008 CS_{4}	17.8	X	96.98608	57.15819	347.86092	19.97265	0.1101935	0.36605498	1.9354049	21	—	—
352492 2008 CL_{5}	16.0	X	287.08937	17.80847	166.03295	13.14606	0.0937811	0.21234666	2.7825251	21	—	—
352493 2008 CG_{8}	16.3	X	186.85639	200.30471	322.52557	9.18027	0.0259398	0.18712111	3.0272911	21	9 23.9	20.7
352494 2008 CL_{10}	16.0	X	136.53357	189.31842	357.37514	9.33458	0.0909334	0.17930639	3.1146234	21	9 3.1	20.7
352495 2008 CV_{10}	18.3	X	149.47403	106.99294	321.79986	18.76720	0.1161122	0.38725129	1.8641212	21	3 22.9	20.7
352496 2008 CF_{14}	16.0	X	280.90951	82.69164	347.72865	8.23747	0.0426501	0.18889571	3.0083013	21	9 24.3	20.0
352497 2008 CM_{15}	16.3	X	137.02881	176.17925	3.30284	5.10440	0.0870133	0.17933569	3.1142841	21	8 25.2	20.9
352498 2008 CL_{16}	16.7	X	159.51897	359.76307	157.82688	5.38365	0.0733729	0.17959245	3.1113151	21	8 19.7	21.4
352499 2008 CK_{28}	15.9	X	204.35892	108.18385	330.20718	20.86236	0.0894997	0.17772608	3.1330593	21	7 4.3	21.0
352500 2008 CP_{29}	15.7	X	56.51281	319.21839	327.73103	9.85533	0.1121312	0.18770102	3.0210527	21	10 2.9	20.0
352501 2008 CC_{37}	15.5	X	99.14004	239.48397	323.63818	9.34957	0.1221197	0.17532306	3.1616225	21	8 15.3	20.0
352502 2008 CQ_{37}	15.9	X	55.96296	292.21476	326.43669	6.40283	0.0576323	0.17820494	3.1274442	21	8 22.4	20.2
352503 2008 CL_{52}	16.6	X	38.40802	252.75544	129.01155	6.20405	0.0894057	0.21082217	2.7959229	21	—	—
352504 2008 CX_{62}	16.8	X	37.39653	49.23459	296.89729	1.04850	0.0780581	0.20330212	2.8644513	21	11 22.9	20.4
352505 2008 CA_{69}	16.2	X	102.74796	44.81875	141.80261	11.44364	0.0919100	0.17770609	3.1332942	21	7 25.2	20.7
352506 2008 CF_{74}	16.4	X	218.58519	296.99747	174.89128	10.95117	0.1560440	0.18466199	3.0541079	21	8 19.0	21.3
352507 2008 CO_{74}	15.8	X	133.84429	159.50498	13.52954	9.76830	0.0110482	0.18055952	3.1001958	21	8 9.9	20.3
352508 2008 CY_{74}	17.0	X	284.16282	253.86056	173.82699	1.23576	0.1495907	0.19274214	2.9681438	21	9 11.4	20.9
352509 2008 CP_{75}	15.8	X	109.94875	274.01654	322.44237	12.06677	0.1958089	0.18520012	3.0481888	21	10 7.7	20.9
352510 2008 CZ_{81}	16.5	X	264.34731	327.15848	114.73864	5.39369	0.1571300	0.18989126	2.9977775	21	9 3.9	20.7
352511 2008 CN_{83}	15.5	X	146.17556	145.65685	352.62059	10.58214	0.0327639	0.17389427	3.1789171	21	7 11.7	20.3
352512 2008 CJ_{87}	17.8	X	164.40618	333.44900	345.23690	17.48666	0.0802292	0.36101438	1.9533784	21	—	—
352513 2008 CM_{89}	15.9	X	61.28835	119.92606	146.75349	10.84822	0.0805209	0.17911206	3.1168758	21	9 14.1	20.2
352514 2008 CL_{95}	16.1	X	204.49352	17.82772	126.34347	10.41750	0.1417123	0.18693021	3.0293519	21	9 20.1	21.0
352515 2008 CP_{98}	16.2	X	334.01065	241.41995	145.81703	11.55192	0.0465505	0.19180254	2.9778294	21	10 17.3	20.2
352516 2008 CO_{99}	16.2	X	278.31511	93.48633	331.16738	7.78662	0.1498455	0.18963036	3.0005265	21	8 29.6	20.2
352517 2008 CJ_{110}	16.4	X	215.75358	90.77767	341.93509	9.26712	0.2606059	0.18267039	3.0762664	21	6 25.9	21.8
352518 2008 CN_{113}	16.0	X	228.89098	345.32662	124.27424	10.25962	0.0698227	0.18710200	3.0274973	21	9 9.3	20.5
352519 2008 CU_{117}	16.0	X	204.21739	8.43712	116.85687	17.63699	0.0470153	0.18525340	3.0476044	21	9 3.8	20.7
352520 2008 CC_{118}	16.0	X	349.90753	188.94987	112.44857	10.65243	0.0239259	0.17514886	3.1637186	21	7 15.3	20.1
352521 2008 CX_{120}	15.7	X	209.28571	88.14026	3.00162	23.35285	0.1666702	0.17943375	3.1131494	21	7 25.3	21.2
352522 2008 CP_{127}	16.8	X	129.41471	60.29926	160.47923	1.89605	0.1343974	0.18613159	3.0380109	21	10 9.2	21.6
352523 2008 CO_{130}	15.5	X	248.12876	230.78313	156.09468	10.15302	0.1366890	0.17520300	3.1630668	21	6 9.6	20.5
352524 2008 CK_{134}	15.5	X	15.35730	341.29949	310.81616	14.73800	0.2673061	0.17730214	3.1380515	21	8 24.5	18.6
352525 2008 CR_{137}	16.2	X	171.69629	45.02147	130.09836	4.77994	0.0947140	0.18588592	3.0406870	21	9 25.7	20.9
352526 2008 CF_{141}	16.3	X	318.55845	347.87117	170.48966	9.05014	0.1993884	0.21266224	2.7797717	21	—	—
352527 2008 CT_{144}	15.6	X	61.91613	340.87335	319.82199	12.01792	0.1368964	0.18870476	3.0103303	21	10 29.3	20.1
352528 2008 CO_{148}	15.9	X	66.07326	119.52707	150.54626	17.24051	0.0751722	0.18591027	3.0404215	21	9 25.9	20.2
352529 2008 CK_{149}	15.9	X	200.95810	134.39052	323.72694	16.46893	0.0679416	0.17751945	3.1354900	21	7 25.1	20.7
352530 2008 CW_{150}	16.0	X	212.64307	159.79030	323.92900	10.84329	0.1678772	0.18500427	3.0503397	21	8 27.4	20.9
352531 2008 CF_{155}	16.2	X	186.86137	330.23060	123.47059	11.62215	0.1983323	0.17663545	3.1459426	21	6 29.8	21.6
352532 2008 CD_{156}	16.3	X	93.98234	214.95479	8.89238	11.57175	0.1110200	0.17858307	3.1230279	21	9 6.3	20.9
352533 2008 CX_{164}	17.0	X	203.87935	180.42490	338.25600	3.07618	0.1951959	0.19042153	2.9922096	21	9 29.5	22.0
352534 2008 CP_{176}	17.3	X	83.25120	126.61297	347.71194	19.79611	0.0897528	0.37812898	1.8939830	21	2 26.4	18.4
352535 2008 CD_{178}	15.0	X	53.05448	253.27746	337.63487	25.46923	0.2188446	0.17178578	3.2048761	21	8 13.0	19.3
352536 2008 CT_{178}	15.3	X	115.72425	300.11058	309.91329	12.08257	0.1650246	0.19081491	2.9880957	21	10 27.7	20.3
352537 2008 CG_{179}	16.1	X	215.96582	29.69588	123.77236	12.12731	0.1627187	0.19206210	2.9751459	21	10 12.8	21.0
352538 2008 CN_{179}	15.7	X	217.51514	16.00441	112.67105	16.71887	0.0566725	0.18713815	3.0271074	21	9 25.5	20.4
352539 2008 CM_{180}	17.4	X	106.77764	183.56110	306.78974	19.37285	0.0159909	0.38678159	1.8656300	21	4 4.2	19.8
352540 2008 CQ_{180}	17.6	X	326.26404	293.91527	312.41696	18.31752	0.0339379	0.38008060	1.8874940	21	2 22.9	19.5
352541 2008 CW_{185}	15.7	X	130.11420	129.61215	50.39751	17.85182	0.1755656	0.17650998	3.1474333	21	9 1.8	21.1
352542 2008 CY_{190}	17.5	X	131.22005	85.42848	327.75326	20.53359	0.0899349	0.37567431	1.9022243	21	2 10.5	19.0
352543 2008 CZ_{190}	16.2	X	76.38932	262.94170	335.42325	14.37105	0.1300622	0.17810807	3.1285780	21	9 2.0	20.7
352544 2008 CX_{192}	16.0	X	239.89686	36.56019	12.08012	9.23226	0.0862913	0.17557171	3.1586368	21	7 2.8	20.8
352545 2008 CD_{193}	16.9	X	225.57190	324.99329	179.46195	2.66966	0.1158914	0.19123252	2.9837439	21	10 11.4	21.4
352546 2008 CZ_{199}	16.0	X	47.96140	203.61575	155.11246	12.51493	0.0942165	0.20234391	2.8734874	21	12 24.7	20.2
352547 2008 CG_{200}	15.9	X	339.93065	326.82591	356.35745	9.29237	0.0609508	0.17227817	3.1987666	21	7 31.2	20.2
352548 2008 CD_{201}	16.3	X	72.08667	123.42048	145.63468	12.39258	0.1860620	0.18384904	3.0631044	21	10 18.1	20.9
352549 2008 CF_{202}	15.7	X	258.98336	53.40679	337.25792	9.39286	0.0302657	0.17437909	3.1730222	21	7 11.1	20.3
352550 2008 CF_{205}	15.9	X	313.26973	11.94813	327.21358	14.44428	0.0777774	0.17748416	3.1359056	21	7 11.4	20.2
352551 2008 CB_{207}	16.4	X	247.11671	105.87131	317.08238	4.35026	0.0503575	0.18060817	3.0996390	21	8 2.4	20.9
352552 2008 CQ_{209}	15.3	X	357.83853	164.80896	97.11898	13.65404	0.0181402	0.17243357	3.1968444	21	6 6.5	19.7
352553 2008 CY_{210}	16.5	X	114.24888	198.00373	13.40040	8.09389	0.1385422	0.17857246	3.1231516	21	9 14.3	21.3
352554 2008 CT_{211}	15.8	X	179.39202	68.14884	112.56544	11.10261	0.0715133	0.18842002	3.0133623	21	10 14.7	20.5
352555 2008 CR_{212}	16.1	X	350.31991	181.46395	134.87255	12.12250	0.1410567	0.17894793	3.1187814	21	8 2.4	19.7
352556 2008 CZ_{212}	16.3	X	246.18558	273.79588	353.76173	9.01481	0.2033108	0.21470154	2.7621416	21	1 8.5	21.0
352557 2008 CA_{213}	16.3	X	105.92997	233.27857	347.06488	16.70366	0.1593572	0.17870975	3.1215519	21	9 15.5	21.1
352558 2008 CK_{213}	16.1	X	179.16126	328.28827	152.03060	5.34123	0.1283629	0.17290063	3.1910847	21	7 24.8	21.3
352559 2008 CB_{214}	16.2	X	33.34176	174.40206	97.33271	2.43453	0.1592960	0.17166757	3.2063472	21	8 20.9	20.1
352560 2008 CH_{214}	15.8	X	150.09223	52.88562	120.95838	10.91516	0.0283360	0.17906411	3.1174322	21	8 30.5	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352561 2008 CW_{214}	15.6	X	28.50611	332.85282	311.91350	11.10227	0.0759056	0.17599504	3.1535696	21	8 18.4	19.7
352562 2008 DG_{1}	17.3	X	211.39515	319.45777	135.55358	0.88319	0.2157115	0.18411136	3.0601943	21	7 20.8	22.4
352563 2008 DC_{3}	17.1	X	240.17360	211.85263	242.77979	0.26845	0.1864880	0.18833755	3.0142419	21	8 17.9	21.7
352564 2008 DW_{8}	18.0	X	152.85141	39.33239	322.37370	19.41899	0.0704885	0.37315236	1.9107854	21	—	—
352565 2008 DN_{10}	16.3	X	92.98537	163.93201	76.90051	2.23845	0.1261211	0.18472669	3.0533947	21	9 26.3	20.7
352566 2008 DK_{12}	16.1	X	95.20256	31.04616	134.18999	6.74699	0.0810202	0.17088132	3.2161749	21	6 18.4	20.7
352567 2008 DW_{13}	16.5	X	59.50274	206.79968	66.63569	2.99183	0.0372093	0.18254336	3.0776934	21	9 14.2	20.7
352568 2008 DS_{18}	17.5	X	58.90601	130.01230	17.24445	20.28175	0.0913076	0.37892106	1.8913427	21	3 12.8	18.9
352569 2008 DT_{18}	16.2	X	255.21125	105.67748	309.50758	6.74010	0.0906271	0.18361476	3.0657094	21	7 27.9	20.5
352570 2008 DZ_{19}	16.6	X	294.30171	340.84561	75.66990	16.32804	0.1208222	0.20416015	2.8564200	21	9 27.4	20.5
352571 2008 DJ_{22}	15.6	X	175.83384	197.56470	344.16746	15.22524	0.2208912	0.18457017	3.0551208	21	9 29.1	21.0
352572 2008 DO_{22}	16.6	X	213.18548	24.17104	67.60163	15.28163	0.0484985	0.25330661	2.4738405	21	8 4.9	20.3
352573 2008 DS_{23}	15.9	X	133.50732	244.86226	335.97502	12.33230	0.0707043	0.18609917	3.0383637	21	10 4.4	20.6
352574 2008 DT_{24}	15.6	X	221.51369	309.27455	140.85619	11.67874	0.1511504	0.18140604	3.0905437	21	7 27.5	20.4
352575 2008 DF_{54}	17.2	X	131.30990	79.18624	358.57718	20.46759	0.1065896	0.38083829	1.8849897	21	3 21.0	18.7
352576 2008 DA_{55}	16.1	X	189.60690	88.68621	86.97269	13.11392	0.1971213	0.18858966	3.0115550	21	10 14.5	21.3
352577 2008 DD_{55}	16.0	X	133.08556	221.07845	345.79291	23.05392	0.2284530	0.18090046	3.0962993	21	9 24.1	21.4
352578 2008 DN_{55}	16.3	X	129.95976	23.34383	169.70741	8.10810	0.0775976	0.17852027	3.1237603	21	8 31.5	21.0
352579 2008 DD_{59}	16.5	X	278.95772	262.31330	158.70095	10.76689	0.0940383	0.18927286	3.0043036	21	9 3.7	20.3
352580 2008 DJ_{60}	16.0	X	101.81828	317.67404	250.16409	3.72634	0.0968594	0.17576267	3.1563486	21	8 19.3	20.7
352581 2008 DC_{70}	15.5	X	137.94745	274.22324	249.03344	10.97952	0.1375998	0.17777983	3.1324277	21	8 3.9	20.7
352582 2008 DG_{70}	17.4	X	357.23537	105.09627	123.57804	25.27337	0.0629547	0.37627677	1.9001933	21	4 4.1	19.7
352583 2008 DA_{72}	15.8	X	125.55640	222.17823	330.34222	9.64149	0.0018212	0.17842271	3.1248989	21	8 19.8	20.2
352584 2008 DF_{87}	16.2	X	178.44872	5.13178	156.97405	9.75262	0.0918494	0.18672210	3.0316023	21	9 16.0	20.8
352585 2008 EJ_{8}	15.9	X	204.09556	140.31448	342.21658	11.77886	0.1294877	0.17996647	3.1070028	21	8 22.9	20.8
352586 2008 EZ_{10}	15.9	X	123.06047	330.06053	201.94562	15.17467	0.2069588	0.17564393	3.1577709	21	8 5.5	21.3
352587 2008 ER_{11}	16.3	X	147.66967	125.47873	23.31772	12.72422	0.0930137	0.17383250	3.1796701	21	8 1.9	21.4
352588 2008 ED_{20}	15.8	X	189.83261	101.96726	352.72115	16.68519	0.0925782	0.17115418	3.2127557	21	7 8.4	21.0
352589 2008 EG_{21}	15.5	X	179.57475	236.40481	350.61174	10.64133	0.1105450	0.19204247	2.9753487	21	11 30.1	20.4
352590 2008 ES_{22}	15.4	X	168.02459	14.39404	125.43314	19.49409	0.1415701	0.17906286	3.1174467	21	8 8.5	20.4
352591 2008 ED_{24}	15.8	X	118.94743	147.38336	34.83178	11.48259	0.0750773	0.17408392	3.1766079	21	8 10.8	20.7
352592 2008 EL_{27}	15.7	X	189.03532	303.34165	142.17657	17.38809	0.1189477	0.17091348	3.2157714	21	6 23.8	21.0
352593 2008 ET_{28}	16.1	X	132.44376	55.12400	114.55890	3.07589	0.0902296	0.17064037	3.2192017	21	8 6.9	20.9
352594 2008 EA_{41}	16.3	X	151.20661	72.66502	116.10775	9.70326	0.2267746	0.18072660	3.0982847	21	9 26.5	21.7
352595 2008 EP_{42}	16.4	X	116.86062	162.99307	26.94881	9.61600	0.1442220	0.17225314	3.1990765	21	8 24.3	21.5
352596 2008 EW_{48}	17.2	X	225.39961	75.31807	347.14948	8.27867	0.3124910	0.18383128	3.0633017	21	6 17.4	22.7
352597 2008 ET_{49}	16.1	X	153.62920	306.19857	207.97928	4.83030	0.0627106	0.17449374	3.1716322	21	8 7.2	20.9
352598 2008 ER_{52}	16.1	X	179.29448	323.71194	179.76079	7.86387	0.2047449	0.17754016	3.1352462	21	8 20.4	21.5
352599 2008 EZ_{55}	16.8	X	199.87378	136.80697	331.04572	4.01621	0.0935422	0.18038539	3.1021905	21	8 1.4	21.6
352600 2008 EB_{56}	17.2	X	211.80678	227.52332	225.61666	0.28130	0.1338324	0.18093451	3.0959108	21	7 23.4	22.1
352601 2008 ER_{56}	16.4	X	167.59232	113.12006	51.64117	4.29474	0.1186936	0.18063396	3.0993440	21	9 8.8	21.3
352602 2008 EN_{69}	16.1	X	92.39261	212.72498	0.70487	4.96546	0.1819357	0.17348049	3.1839699	21	8 28.8	20.8
352603 2008 EK_{79}	16.0	X	175.23768	348.01534	185.79093	12.83526	0.1822487	0.18565231	3.0432373	21	9 23.8	21.0
352604 2008 ES_{87}	16.0	X	148.89828	92.29662	136.74097	14.00431	0.2170153	0.18722386	3.0261835	21	11 10.9	21.4
352605 2008 EH_{90}	15.0	X	197.11403	311.30678	133.61844	18.06904	0.1460676	0.17149551	3.2084914	21	6 29.7	20.3
352606 2008 ET_{90}	15.8	X	124.60583	194.91404	350.05194	16.49285	0.1315068	0.17909033	3.1171280	21	8 24.8	20.7
352607 2008 EX_{92}	15.4	X	62.55122	221.85140	28.22600	18.47340	0.1487194	0.17450920	3.1714449	21	9 11.8	20.0
352608 2008 EX_{93}	15.7	X	146.14866	144.39156	36.41284	11.04581	0.1006073	0.17978376	3.1091075	21	9 9.9	20.6
352609 2008 EA_{94}	15.0	X	353.14656	111.54293	167.29627	15.25522	0.1091781	0.16314352	3.3170817	21	6 18.9	19.4
352610 2008 EF_{97}	16.5	X	122.25073	176.63632	63.98628	2.61512	0.0483940	0.18804520	3.0173653	21	10 20.4	20.9
352611 2008 EE_{101}	15.6	X	227.82375	32.59029	6.05418	18.93734	0.1478911	0.17189258	3.2035484	21	5 26.9	21.0
352612 2008 EH_{136}	16.0	X	173.11839	79.97620	33.76628	9.09034	0.1130674	0.17078697	3.2173593	21	7 12.9	21.2
352613 2008 EC_{138}	15.1	X	59.73632	110.99677	125.96763	19.14090	0.1242047	0.16926122	3.2366649	21	8 9.7	19.4
352614 2008 EM_{146}	15.5	X	186.29995	315.85195	153.74828	7.84009	0.1336051	0.17082541	3.2168766	21	7 18.3	20.7
352615 2008 EA_{152}	16.0	X	343.00359	106.40100	190.10534	11.02174	0.0384793	0.16765041	3.2573641	21	6 28.1	20.6
352616 2008 EX_{168}	15.3	X	246.40762	351.85578	91.61480	11.54685	0.0213165	0.18051562	3.1006984	21	9 5.5	19.8
352617 2008 FE_{1}	16.2	X	138.57667	193.91661	1.42746	11.62097	0.1043632	0.18147488	3.0897621	21	9 16.2	20.9
352618 2008 FQ_{1}	15.8	X	296.97937	10.90243	324.72386	4.90606	0.0574886	0.16939377	3.2349762	21	6 13.7	20.4
352619 2008 FV_{2}	16.7	X	149.09316	153.27683	53.22489	0.36973	0.1678246	0.18508831	3.0494164	21	10 10.7	21.8
352620 2008 FG_{3}	16.9	X	139.88140	134.50885	47.98078	4.06995	0.1366593	0.17895320	3.1187202	21	9 4.1	21.8
352621 2008 FO_{6}	16.8	X	209.08020	291.08388	47.90250	22.75673	0.1139328	0.36759027	1.9300121	21	2 21.2	19.9
352622 2008 FA_{7}	15.4	X	106.60568	83.58299	132.43809	14.12950	0.2403107	0.17312477	3.1883298	21	9 23.2	20.8
352623 2008 FH_{7}	17.4	X	336.29348	98.69473	45.76389	21.49548	0.0792929	0.35714390	1.9674660	21	—	—
352624 2008 FQ_{11}	16.4	X	191.13543	111.52850	345.31822	12.99794	0.2014614	0.17782388	3.1319104	21	7 9.3	21.9
352625 2008 FA_{16}	16.3	X	72.98893	271.62391	331.46499	9.98365	0.0400646	0.18364981	3.0653194	21	8 22.9	20.6
352626 2008 FT_{33}	16.5	X	188.23004	101.73565	359.23504	4.47768	0.1143619	0.17436071	3.1732452	21	7 11.5	21.5
352627 2008 FD_{40}	15.9	X	187.10488	156.16245	26.64401	15.38468	0.2068663	0.18630669	3.0361071	21	10 14.8	20.9
352628 2008 FA_{41}	16.0	X	138.58936	154.75573	34.01662	12.45992	0.1843264	0.17649562	3.1476041	21	9 16.1	21.3
352629 2008 FF_{78}	16.2	X	71.33175	13.14743	203.14392	5.03263	0.0558717	0.16829933	3.2489857	21	7 17.8	20.7
352630 2008 FX_{89}	16.8	X	231.70538	127.88283	1.47776	6.44975	0.1473635	0.19180066	2.9778488	21	9 25.6	21.2
352631 2008 FH_{115}	16.3	X	109.54316	102.96514	97.93301	2.62108	0.1452948	0.17291370	3.1909239	21	8 27.1	21.1
352632 2008 FJ_{122}	15.9	X	172.33769	77.52560	65.72967	26.29934	0.2286959	0.17781428	3.1320231	21	8 27.4	21.8
352633 2008 GM_{31}	17.6	X	35.30471	48.76900	37.10864	21.17503	0.0880735	0.35685409	1.9685310	21	—	—
352634 2008 GB_{64}	17.4	X	344.12699	139.96461	37.61672	21.21303	0.0734007	0.36281134	1.9469232	21	—	—
352635 2008 GK_{88}	16.1	X	35.44347	174.35188	36.47822	10.69505	0.0465860	0.15839745	3.3830150	21	5 21.7	20.7
352636 2008 GW_{89}	16.0	X	156.69514	311.74885	192.87626	13.36904	0.0840600	0.17046431	3.2214179	21	7 28.9	21.1
352637 2008 GW_{108}	15.3	X	326.19438	184.86997	91.49360	18.03719	0.0896066	0.15699329	3.4031570	21	5 12.3	20.0
352638 2008 GY_{110}	17.7	X	86.86575	28.79505	82.54279	26.59126	0.0528101	0.37130940	1.9171029	21	3 10.3	20.3
352639 2008 GZ_{110}	17.2	X	15.89093	87.87606	106.20545	22.86965	0.0449210	0.37222239	1.9139667	21	3 11.8	19.5
352640 2008 GE_{111}	15.8	X	145.44279	115.59253	35.61708	26.99374	0.2462443	0.17322386	3.1871139	21	8 18.8	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352641 2008 HA_{62}	17.7	X	18.89858	61.77530	156.80130	4.81401	0.1040062	0.30119572	2.2041282	21	4 28.5	19.5
352642 2008 JM	17.5	X	98.00425	317.05808	85.08903	25.76377	0.0670066	0.35815177	1.9637731	21	—	—
352643 2008 JB_{32}	16.1	X	123.29047	172.07353	59.63782	19.19820	0.1811692	0.17501936	3.1652789	21	10 24.1	21.4
352644 2008 KQ_{36}	17.6	X	266.76841	189.23678	124.08329	7.70376	0.2428653	0.29089415	2.2558630	21	3 10.4	21.2
352645 2008 LW_{2}	16.8	X	133.08048	73.51574	126.19119	14.54142	0.2328275	0.17380911	3.1799554	21	9 25.9	22.4
352646 Blumbahs	17.5	X	41.80445	109.35222	159.64894	7.21652	0.1341771	0.30605305	2.1807451	21	9 8.3	19.5
352647 2008 OD_{14}	17.4	X	231.06195	85.60346	288.22688	6.46312	0.1670498	0.28725826	2.2748584	21	4 24.2	21.1
352648 2008 OA_{18}	18.0	X	74.70816	310.78595	324.60680	8.39765	0.0750720	0.31131479	2.1561032	21	10 22.3	20.8
352649 2008 OQ_{22}	13.7	X	292.44422	285.64682	157.86142	9.46840	0.0877713	0.08197019	5.2484623	21	10 10.1	20.5
352650 2008 PF_{9}	17.9	X	333.26720	247.29198	129.05544	6.53973	0.1653531	0.30626303	2.1797482	21	10 21.3	19.4
352651 2008 QA_{9}	17.8	X	331.69395	351.57623	343.02672	2.96669	0.2089973	0.30014701	2.2092593	21	7 22.9	19.1
352652 2008 QR_{10}	17.0	X	203.32812	346.21591	358.54628	7.57729	0.2637336	0.27155758	2.3617183	21	2 27.9	21.1
352653 2008 QE_{17}	17.9	X	245.80086	45.68782	346.48516	2.64970	0.1925996	0.28970637	2.2620247	21	6 2.9	21.3
352654 2008 QJ_{24}	17.5	X	331.72587	165.16899	178.23623	5.20272	0.2006296	0.30144807	2.2028979	21	8 7.6	18.7
352655 2008 QX_{28}	13.1	X	326.07033	88.06942	323.25755	12.47854	0.0413693	0.08203973	5.2454959	21	10 11.6	20.0
352656 2008 QR_{29}	18.0	X	344.06946	225.57314	131.97983	3.74571	0.1348794	0.30665447	2.1778929	21	10 10.9	19.6
352657 2008 QS_{33}	17.1	X	200.22476	93.79652	350.50232	6.52319	0.1795674	0.28863378	2.2676252	21	6 29.9	20.7
352658 2008 QZ_{33}	17.3	X	180.50259	347.94355	9.83980	1.33227	0.1960190	0.26936683	2.3745062	21	2 22.3	21.1
352659 2008 RE_{2}	13.1	X	250.31048	139.69419	1.26435	17.88620	0.0718632	0.08265330	5.2195042	21	10 20.9	20.2
352660 2008 RX_{3}	18.1	X	192.91504	76.73578	203.01017	1.95010	0.1818679	0.25979934	2.4324506	21	—	—
352661 2008 RY_{5}	17.8	X	114.89388	63.63151	24.34433	5.19440	0.1715281	0.26981055	2.3719021	21	4 8.6	20.7
352662 2008 RM_{14}	13.5	X	53.22642	41.98385	303.52044	6.14476	0.0369237	0.08485585	5.1287891	21	11 14.9	20.3
352663 2008 RZ_{16}	17.8	X	245.44757	195.13763	203.39266	6.56115	0.1065867	0.29037591	2.2585463	21	6 21.3	20.9
352664 2008 RC_{23}	17.2	X	220.49889	9.58120	329.82939	6.51802	0.2477571	0.27485045	2.3428173	21	3 3.4	21.3
352665 2008 RW_{56}	17.9	X	284.05202	90.06581	334.03739	4.57032	0.0812294	0.30434192	2.1889115	21	9 28.7	20.1
352666 2008 RZ_{58}	13.9	X	22.37636	1.12149	9.87373	9.81384	0.0176148	0.08393069	5.1664096	21	11 5.1	20.7
352667 2008 RA_{69}	17.6	X	263.62795	68.66242	328.49116	4.77535	0.1746661	0.29233043	2.2484680	21	7 3.9	20.6
352668 2008 RQ_{72}	13.3	X	266.73677	131.24627	334.53420	6.42011	0.0814226	0.08235856	5.2319495	21	10 2.0	20.3
352669 2008 RN_{77}	17.3	X	203.39311	358.96272	3.75581	2.15268	0.2437104	0.27232609	2.3572730	21	3 19.9	21.2
352670 2008 RU_{87}	17.6	X	225.00291	146.40317	281.86721	4.47283	0.0905516	0.29026148	2.2591398	21	7 10.0	20.5
352671 2008 RC_{95}	13.8	X	282.12868	129.98201	327.30373	7.48535	0.0514229	0.08359687	5.1801542	21	10 12.8	20.7
352672 2008 RK_{99}	18.0	X	98.94386	228.03709	1.64645	3.47359	0.0239420	0.30143412	2.2029659	21	9 16.2	20.4
352673 2008 RZ_{100}	17.6	X	102.65219	219.73507	281.63370	4.71206	0.0520481	0.28110975	2.3079095	21	5 16.2	20.3
352674 2008 RR_{101}	17.8	X	133.86487	146.61542	255.69346	0.55502	0.1822851	0.26628163	2.3928120	21	3 2.9	21.1
352675 2008 RO_{106}	17.4	X	255.78986	232.50345	165.53965	6.37374	0.0799586	0.29360274	2.2419675	21	7 7.7	20.2
352676 2008 RO_{107}	17.5	X	136.57965	109.17883	17.85008	7.14780	0.0576714	0.28038400	2.3118904	21	6 12.6	20.6
352677 2008 RQ_{107}	17.2	X	130.94448	48.53922	347.99746	6.31626	0.2163728	0.26285324	2.4135733	21	2 25.9	20.4
352678 2008 RG_{109}	18.5	X	143.56430	201.28470	214.02264	0.53577	0.1758061	0.27132358	2.3630760	21	3 29.1	21.8
352679 2008 RR_{111}	17.7	X	180.38985	274.60996	221.23753	5.43846	0.1046461	0.29498601	2.2349532	21	8 17.9	20.9
352680 2008 RL_{136}	17.8	X	134.92655	353.31731	71.16650	2.86332	0.2156496	0.26895839	2.3769095	21	4 6.9	21.2
352681 2008 SS_{3}	17.2	X	244.44002	14.86845	41.82321	4.94045	0.1412901	0.29273500	2.2463958	21	7 12.7	20.3
352682 2008 ST_{5}	17.7	X	290.06900	239.71379	139.72090	6.55656	0.1352833	0.29516059	2.2340718	21	7 22.1	20.1
352683 2008 SU_{5}	17.2	X	334.35876	201.49471	123.22575	6.19333	0.1326656	0.29564959	2.2316077	21	7 19.5	18.9
352684 2008 SU_{8}	17.5	X	316.09337	98.78148	196.99029	6.58826	0.1567232	0.28989591	2.2610387	21	4 24.6	19.9
352685 2008 SP_{28}	17.0	X	215.12541	327.76237	349.42781	6.48572	0.1152080	0.26806141	2.3822090	21	2 2.9	20.6
352686 2008 SV_{29}	17.5	X	248.31623	4.61989	307.98755	1.48449	0.2064394	0.27623408	2.3349874	21	2 22.7	21.3
352687 2008 SY_{35}	17.5	X	219.77339	187.48663	150.37699	1.36031	0.1960886	0.27341294	2.3510219	21	3 2.6	21.3
352688 2008 SE_{46}	17.6	X	199.33013	26.42819	26.45186	7.25065	0.1125380	0.28047274	2.3114027	21	5 17.3	20.9
352689 2008 SM_{60}	17.5	X	307.08128	38.47089	304.99592	3.30580	0.2283271	0.29436630	2.2380889	21	6 7.4	19.6
352690 2008 SR_{74}	17.4	X	214.47633	252.74690	153.37098	4.71827	0.1349757	0.28619713	2.2804779	21	5 26.1	20.7
352691 2008 SH_{84}	17.5	X	158.38583	305.53812	59.89584	3.48205	0.2375335	0.26467678	2.4024747	21	2 16.9	21.2
352692 2008 SS_{85}	13.6	X	302.45068	104.23935	335.44978	20.20733	0.0382590	0.08472572	5.1340396	21	10 12.1	20.6
352693 2008 SQ_{88}	17.3	X	13.70403	273.73162	29.97135	6.55047	0.2003066	0.29944915	2.2126904	21	9 23.5	18.8
352694 2008 SB_{100}	17.3	X	79.31426	261.53008	185.35877	14.46514	0.0851396	0.26090406	2.4255794	21	1 29.6	20.3
352695 2008 SE_{105}	17.0	X	200.80484	191.64777	194.78138	4.87434	0.1389253	0.27488376	2.3426280	21	4 15.9	20.6
352696 2008 SP_{105}	17.9	X	276.26526	347.23321	42.00494	1.06450	0.1201059	0.29193161	2.2505153	21	7 18.6	20.3
352697 2008 SE_{106}	17.7	X	132.44243	82.69070	32.96301	7.17519	0.0789812	0.27747449	2.3280234	21	5 24.2	20.8
352698 2008 SA_{107}	17.2	X	252.93599	303.73341	29.34822	7.71799	0.2045649	0.27853939	2.3220860	21	3 26.5	20.9
352699 2008 SO_{117}	17.7	X	168.08620	53.22257	354.16230	1.10022	0.1866282	0.27198075	2.3592680	21	4 12.7	21.4
352700 2008 SV_{118}	17.2	X	352.37002	197.12160	23.50552	7.25911	0.0656450	0.27280828	2.3544945	21	3 21.6	19.7
352701 2008 SE_{137}	16.3	X	56.25512	228.56964	152.20991	13.78030	0.1080213	0.24124598	2.5556183	21	—	—
352702 2008 SS_{138}	17.6	X	32.93943	187.99692	86.88505	4.45605	0.1318059	0.29488643	2.2354563	21	9 2.5	19.8
352703 2008 SO_{151}	18.0	X	223.39399	94.57800	226.83766	1.57567	0.1828276	0.27207833	2.3587039	21	2 13.0	21.9
352704 2008 SW_{151}	18.0	X	146.64816	223.66769	292.59531	4.45427	0.0870813	0.29158645	2.2522909	21	8 8.6	21.0
352705 2008 SC_{152}	17.5	X	342.65521	109.90172	224.30159	5.40159	0.1863400	0.29959273	2.2119834	21	8 20.3	18.9
352706 2008 SF_{179}	18.3	X	214.69556	103.96576	349.58974	4.21809	0.0650102	0.29503779	2.2346917	21	8 6.2	21.0
352707 2008 SQ_{179}	17.5	X	210.40791	318.52376	143.35404	3.76764	0.0706416	0.29582980	2.2307014	21	8 10.8	20.4
352708 2008 SH_{180}	16.9	X	20.20250	237.99930	116.68774	5.72471	0.2696594	0.23276492	2.6173253	21	12 15.7	19.9
352709 2008 SM_{188}	17.6	X	143.99552	139.57058	264.20660	1.82693	0.1782312	0.26629764	2.3927161	21	3 14.6	21.1
352710 2008 SW_{189}	18.2	X	27.23135	328.12106	308.62640	1.58006	0.1031095	0.29523781	2.2336823	21	8 18.4	20.2
352711 2008 SZ_{189}	17.3	X	132.61699	52.13433	6.86966	6.14434	0.0875219	0.26749027	2.3855987	21	3 11.9	20.3
352712 2008 SM_{191}	17.5	X	113.05946	208.74157	327.73851	5.20965	0.0780382	0.29152201	2.2526228	21	7 27.1	20.2
352713 2008 SH_{195}	16.6	X	165.48260	312.06419	50.03072	3.41454	0.1672430	0.18597884	3.0396741	21	2 23.4	21.6
352714 2008 SS_{195}	17.0	X	107.12732	149.87516	38.47726	7.02999	0.0441001	0.28868373	2.2673636	21	8 2.5	19.9
352715 2008 SU_{202}	17.9	X	231.61998	146.06557	215.41663	4.13589	0.1869693	0.27794771	2.3253803	21	4 10.7	21.5
352716 2008 SF_{211}	17.3	X	253.29492	90.53700	292.38692	5.95253	0.1266445	0.28826219	2.2695736	21	6 6.2	20.3
352717 2008 SR_{211}	16.7	X	48.85385	133.70486	299.24844	4.40558	0.3055253	0.24056399	2.5604461	21	—	—
352718 2008 SK_{217}	17.6	X	212.48895	151.25579	279.45899	6.30998	0.0675694	0.28920015	2.2646636	21	6 29.9	20.5
352719 2008 SU_{218}	17.5	X	221.95016	155.33302	270.61674	3.79877	0.1472627	0.28930304	2.2641267	21	6 28.2	20.6
352720 2008 SX_{222}	18.1	X	0.85841	336.53014	331.91294	4.05147	0.1645957	0.29984691	2.2107332	21	8 23.9	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352721 2008 SB_{225}	18.2	X	102.85443	76.25154	11.72976	1.16174	0.1507213	0.26496814	2.4007132	21	3 20.7	21.0
352722 2008 SQ_{243}	17.7	X	258.64013	270.10951	72.57190	4.27645	0.0559434	0.27785961	2.3258717	21	4 28.5	20.6
352723 2008 SO_{272}	17.8	X	109.88258	115.91372	321.36562	1.67655	0.2208784	0.26164073	2.4210243	21	3 26.1	21.0
352724 2008 SU_{281}	17.9	X	122.02603	332.03641	108.07645	2.47820	0.1511303	0.26439780	2.4041644	21	4 5.6	21.2
352725 2008 SV_{285}	17.3	X	359.12531	28.80190	187.34175	2.27245	0.0624969	0.27228061	2.3575355	21	3 24.2	19.9
352726 2008 SJ_{287}	17.9	X	355.35183	38.04465	262.56505	3.64979	0.2196764	0.29644933	2.2275925	21	7 25.1	18.7
352727 2008 SM_{288}	18.0	X	160.98987	97.55903	21.83914	8.63032	0.1341277	0.28510550	2.2862953	21	7 8.8	21.5
352728 2008 SU_{288}	17.8	X	130.51507	129.42942	31.37452	5.40708	0.0940165	0.28718149	2.2752638	21	7 29.7	20.9
352729 2008 SH_{289}	18.1	X	190.13363	127.51160	348.60874	3.17073	0.1065799	0.29030312	2.2589238	21	8 4.7	21.1
352730 2008 SX_{293}	17.5	X	252.25956	307.20074	42.26433	7.58337	0.1507943	0.28358361	2.2944678	21	4 19.0	20.7
352731 2008 SC_{294}	17.3	X	346.26197	222.10522	106.45964	6.02215	0.2174435	0.30036520	2.2081893	21	8 26.8	18.3
352732 2008 SK_{294}	17.5	X	355.40753	186.58554	140.14522	8.29429	0.1971240	0.30083120	2.2059084	21	9 18.8	18.7
352733 2008 SK_{300}	17.3	X	48.07194	328.20981	275.09826	4.22165	0.1120153	0.29427573	2.2385480	21	8 3.1	19.6
352734 2008 SG_{301}	17.5	X	148.52741	165.66471	288.46300	4.44003	0.1772241	0.27653668	2.3332837	21	5 23.4	21.1
352735 2008 SQ_{301}	17.6	X	82.23052	230.24887	69.91063	4.04659	0.2245607	0.31611134	2.1342371	21	12 22.9	20.7
352736 2008 SC_{304}	17.1	X	252.25061	246.35537	74.30288	6.45970	0.1576044	0.27620742	2.3351377	21	3 15.2	20.7
352737 2008 TQ_{16}	18.3	X	7.73054	316.59807	342.95804	6.12016	0.1112660	0.29803042	2.2197070	21	8 20.2	20.1
352738 2008 TY_{20}	17.7	X	95.12929	246.50711	218.78023	3.23691	0.1334991	0.26477316	2.4018916	21	3 29.9	20.4
352739 2008 TJ_{56}	17.7	X	164.49069	125.08035	14.89913	2.77511	0.0895189	0.29042515	2.2582910	21	8 8.9	20.7
352740 2008 TC_{62}	16.6	X	52.50621	241.83740	94.36443	8.19319	0.2121772	0.23866388	2.5740180	21	12 25.1	20.2
352741 2008 TF_{64}	18.0	X	192.43832	249.34093	195.15696	2.37684	0.1265812	0.28371810	2.2937426	21	6 23.1	21.4
352742 2008 TO_{67}	17.7	X	181.76992	32.31131	52.35521	5.25989	0.1259486	0.28083060	2.3094386	21	6 11.7	21.1
352743 2008 TW_{71}	17.6	X	173.42988	247.89544	145.72628	3.85420	0.1900772	0.27020615	2.3695865	21	4 2.1	21.3
352744 2008 TT_{82}	16.9	X	147.62922	260.53020	191.64217	10.53374	0.0707960	0.27571094	2.3379401	21	5 12.9	20.1
352745 2008 TS_{98}	17.5	X	182.46515	125.67119	32.92676	4.05731	0.0825713	0.29996918	2.2101324	21	9 26.2	20.3
352746 2008 TX_{101}	18.1	X	286.68509	109.92686	265.13196	0.27681	0.0999611	0.29247095	2.2477477	21	7 16.5	20.3
352747 2008 TW_{104}	18.0	X	131.71773	168.00251	342.65071	1.78662	0.1368142	0.28430886	2.2905641	21	7 19.1	21.2
352748 2008 TS_{111}	17.3	X	178.51690	66.08432	312.63724	2.49825	0.2103647	0.26981018	2.3719043	21	3 17.7	21.0
352749 2008 TB_{117}	17.8	X	107.13456	344.92323	65.21780	3.45858	0.1969887	0.26009968	2.4305777	21	2 12.8	20.7
352750 2008 TO_{117}	17.7	X	162.57264	259.35414	228.81269	4.78584	0.0930586	0.28534286	2.2850272	21	7 18.7	20.9
352751 2008 TY_{120}	17.6	X	184.96354	298.42703	155.38285	8.40195	0.1580573	0.28413608	2.2914926	21	6 27.6	21.2
352752 2008 TP_{121}	17.7	X	189.69332	44.52454	19.81862	8.39135	0.1303281	0.28145058	2.3060459	21	5 21.9	21.2
352753 2008 TN_{139}	17.8	X	154.60942	72.34572	339.60162	1.90486	0.2690297	0.26892395	2.3771125	21	4 11.7	21.7
352754 2008 TG_{150}	18.2	X	271.95533	210.83533	171.23683	3.78520	0.0393727	0.29232467	2.2484975	21	7 14.3	20.9
352755 2008 TF_{162}	18.0	X	118.48757	289.14125	183.84022	1.18266	0.1342476	0.27376491	2.3490064	21	5 11.9	21.1
352756 2008 TD_{167}	18.0	X	130.43968	228.05763	258.41134	4.55621	0.1362253	0.27862670	2.3216009	21	6 13.7	21.3
352757 2008 TH_{175}	18.1	X	85.57273	224.17701	353.26455	2.77698	0.0677116	0.29062769	2.2572417	21	8 16.4	20.6
352758 2008 TY_{177}	16.8	X	138.44546	324.90574	101.47593	7.12854	0.1115897	0.27074962	2.3664145	21	4 3.7	20.1
352759 2008 TC_{182}	16.9	X	72.75964	358.93419	73.17287	13.28550	0.1560463	0.25566476	2.4586052	21	1 10.9	19.4
352760 Tesorero	17.9	X	137.03957	257.78560	161.51134	2.56847	0.1806570	0.26600745	2.3944559	21	3 29.1	21.2
352761 2008 UL_{5}	16.8	X	177.32571	315.39261	69.39699	8.23832	0.1583690	0.26896880	2.3768482	21	3 27.1	20.6
352762 2008 UW_{6}	17.4	X	171.82171	63.05773	1.62133	9.82394	0.1773729	0.27588390	2.3369629	21	5 4.7	21.3
352763 2008 UJ_{7}	15.8	X	137.90036	335.87859	78.23114	23.65373	0.2373037	0.26510222	2.3999037	21	4 12.0	20.0
352764 2008 UF_{15}	17.0	X	176.43717	80.09820	301.03397	3.53058	0.1198865	0.27039152	2.3685033	21	3 13.0	20.5
352765 2008 UY_{16}	18.1	X	42.04204	234.26292	24.07691	6.06129	0.0317308	0.29299088	2.2450877	21	8 7.6	20.6
352766 2008 UQ_{24}	17.8	X	80.98689	61.29100	71.96070	2.07121	0.1329026	0.26809183	2.3820287	21	4 18.3	20.3
352767 2008 UD_{25}	17.4	X	303.85501	353.76801	10.93319	5.15591	0.1890581	0.29703539	2.2246614	21	7 15.3	19.4
352768 2008 UN_{32}	17.8	X	103.66223	297.22072	119.80111	2.12944	0.1703201	0.25790271	2.4443616	21	2 12.1	20.6
352769 2008 UV_{34}	17.1	X	220.20604	289.63794	65.10825	6.16672	0.2444203	0.27440103	2.3453746	21	3 25.8	21.2
352770 2008 UU_{41}	17.9	X	141.37640	31.55993	28.15437	2.60212	0.1841136	0.26572808	2.3961339	21	4 3.4	21.4
352771 2008 US_{48}	17.6	X	40.81304	113.33915	6.06110	1.77326	0.1615231	0.25284142	2.4768739	21	1 17.4	19.6
352772 2008 UO_{49}	18.1	X	97.94998	244.67035	236.00551	0.75567	0.1271946	0.27041593	2.3683608	21	4 23.8	21.0
352773 2008 UR_{54}	16.1	X	359.38858	269.37462	61.30252	13.77270	0.2438473	0.22019014	2.7160481	21	10 1.1	18.7
352774 2008 UB_{58}	17.6	X	167.63924	272.41729	186.00825	5.42867	0.1318933	0.27995210	2.3142676	21	6 16.1	21.0
352775 2008 UE_{70}	17.9	X	232.33351	336.61497	71.19899	4.30773	0.1642055	0.28614913	2.2807329	21	6 13.1	21.3
352776 2008 UA_{72}	17.0	X	329.51359	251.22331	357.56158	6.95958	0.0807687	0.26917601	2.3756282	21	3 22.2	19.7
352777 2008 UL_{72}	16.5	X	348.96478	289.87783	258.82893	11.02771	0.1105483	0.25687003	2.4509084	21	1 22.4	19.5
352778 2008 UP_{74}	17.1	X	149.93447	169.77047	262.60744	7.37505	0.0936351	0.26908437	2.3761676	21	4 16.8	20.4
352779 2008 UA_{78}	16.9	X	153.24451	101.23391	249.32451	5.73317	0.1867677	0.25598516	2.4565533	21	1 18.3	20.5
352780 2008 UE_{80}	18.1	X	139.82551	164.44965	298.68365	1.86836	0.1334115	0.27384094	2.3485716	21	5 22.9	21.4
352781 2008 UT_{90}	17.8	X	175.74843	278.37202	121.93540	1.93066	0.1858539	0.27359496	2.3499790	21	4 11.8	21.5
352782 2008 UE_{97}	17.5	X	235.96549	259.97542	107.78113	4.63010	0.1674606	0.27935955	2.3175389	21	4 26.5	21.0
352783 2008 UT_{97}	17.5	X	236.56243	314.15865	74.55247	5.48553	0.1453718	0.28254688	2.3000770	21	5 24.8	20.9
352784 2008 UH_{112}	15.7	X	120.58654	149.77088	22.32691	13.21860	0.0333494	0.20914160	2.8108809	21	7 26.8	19.9
352785 2008 US_{114}	17.8	X	72.93336	167.19996	299.03259	1.46708	0.1752587	0.25914279	2.4365573	21	3 2.7	20.1
352786 2008 UP_{123}	17.6	X	107.03437	115.22764	332.47440	4.51433	0.1551563	0.26247457	2.4158941	21	3 25.5	20.7
352787 2008 UP_{124}	17.5	X	6.42664	349.58076	325.18054	7.18200	0.1232982	0.29401158	2.2398886	21	9 9.2	19.4
352788 2008 UN_{141}	17.9	X	150.54374	249.72302	190.29239	1.16661	0.1577725	0.27113894	2.3641487	21	5 6.5	21.2
352789 2008 UB_{148}	17.6	X	129.65387	40.69809	26.38544	1.53802	0.1627493	0.26387669	2.4073286	21	3 28.8	20.7
352790 2008 UT_{164}	17.7	X	156.78590	111.23214	4.05640	5.51653	0.0974136	0.28199079	2.3030999	21	6 25.6	20.9
352791 2008 UR_{179}	17.2	X	76.01381	134.21528	31.29476	7.65719	0.0331741	0.27387489	2.3483775	21	5 9.2	19.9
352792 2008 UB_{187}	17.1	X	123.90993	40.17615	81.71166	7.44535	0.0520934	0.27228294	2.3575220	21	5 20.8	20.0
352793 2008 UF_{189}	13.9	X	283.93546	107.75276	13.24099	7.27631	0.0266465	0.08412712	5.1583646	21	11 14.2	20.7
352794 2008 UR_{197}	17.8	X	148.10262	287.26129	167.42001	2.44568	0.1524985	0.27415907	2.3467544	21	5 23.3	21.3
352795 2008 UZ_{198}	17.5	X	231.43038	296.26510	59.30965	3.12645	0.2428049	0.27609493	2.3357719	21	4 2.7	21.4
352796 2008 UD_{199}	16.9	X	162.49613	1.96013	63.36800	8.48261	0.1568452	0.27066591	2.3669024	21	4 30.9	20.5
352797 2008 UR_{204}	17.2	X	214.58859	63.37637	350.09699	7.23474	0.1040082	0.28368249	2.2939346	21	6 4.5	20.6
352798 2008 UF_{213}	17.1	X	275.00461	79.19732	327.30719	6.20900	0.0759637	0.29651532	2.2272619	21	8 19.7	19.5
352799 2008 UM_{216}	16.6	X	339.92703	111.34993	76.81127	7.36972	0.0645272	0.25470869	2.4647538	21	1 19.9	19.6
352800 2008 UR_{218}	17.3	X	152.09578	185.58603	243.53263	5.54725	0.0986983	0.27042266	2.3683215	21	4 16.6	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352801 2008 UW_{218}	18.1	X	119.68960	155.26768	324.94642	1.99387	0.1162711	0.27305027	2.3531032	21	5 20.1	21.1
352802 2008 UK_{223}	18.0	X	166.44677	54.76814	8.16825	3.92030	0.0642806	0.27201490	2.3590705	21	4 22.8	21.2
352803 2008 UF_{236}	18.0	X	193.76197	102.66709	292.98086	3.82902	0.1532538	0.27376529	2.3490042	21	4 18.9	21.6
352804 2008 UB_{241}	17.5	X	130.27937	196.87821	267.81902	6.33465	0.1245416	0.27096290	2.3651726	21	5 12.4	20.8
352805 2008 UV_{242}	16.8	X	10.08109	284.61792	103.70089	9.03272	0.2628207	0.23462007	2.6035102	21	—	—
352806 2008 US_{245}	17.1	X	54.39623	162.96962	28.68926	7.42633	0.1319321	0.27122542	2.3636461	21	5 27.9	19.5
352807 2008 UW_{257}	17.8	X	118.91625	245.26902	254.94511	1.57119	0.1500078	0.27442352	2.3452465	21	6 20.9	21.0
352808 2008 UR_{263}	17.3	X	154.46684	352.30809	53.22644	10.16674	0.1831566	0.26492577	2.4009692	21	4 2.4	21.0
352809 2008 UO_{277}	17.6	X	44.04403	188.06865	42.39368	4.63533	0.0446150	0.28428484	2.2906931	21	6 27.9	20.1
352810 2008 UD_{281}	16.8	X	253.84897	29.98221	244.24934	5.90706	0.1358327	0.26042783	2.4285355	21	1 16.4	20.5
352811 2008 UV_{282}	17.8	X	104.66395	27.39483	174.84806	2.43559	0.1120119	0.29002292	2.2603785	21	8 25.0	20.6
352812 2008 UG_{284}	17.5	X	59.77057	92.29839	64.54179	3.88634	0.1014546	0.26889421	2.3772877	21	4 13.3	20.0
352813 2008 UL_{285}	18.0	X	250.67570	161.53535	173.23718	1.09849	0.2037421	0.27456619	2.3444340	21	3 25.1	21.8
352814 2008 UJ_{287}	17.8	X	160.11510	201.42543	157.71605	2.67577	0.2150992	0.26194868	2.4191265	21	2 7.3	21.4
352815 2008 UP_{287}	17.5	X	193.84449	239.31124	121.85267	2.96766	0.0280127	0.26712005	2.3878024	21	3 4.8	20.6
352816 2008 US_{291}	18.2	X	116.64407	128.17222	320.83547	1.71401	0.1774953	0.26624998	2.3930016	21	4 12.3	21.4
352817 2008 UZ_{301}	17.9	X	175.53434	158.55467	350.99892	6.66642	0.0916867	0.29553037	2.2322079	21	9 4.1	20.7
352818 2008 UQ_{310}	17.3	X	199.07539	93.76596	296.25153	6.40728	0.1261567	0.27501280	2.3418951	21	4 15.0	21.0
352819 2008 UQ_{312}	16.1	X	355.59809	110.30609	259.34322	12.30343	0.2035891	0.22607647	2.6686962	21	11 6.5	18.8
352820 2008 UY_{313}	17.4	X	182.95401	216.55221	268.69914	5.26735	0.0768962	0.28985393	2.2612570	21	8 7.4	20.4
352821 2008 UX_{324}	18.2	X	128.91115	118.76320	320.84606	1.64058	0.1886955	0.26429093	2.4048125	21	4 15.6	21.7
352822 2008 UZ_{326}	16.5	X	2.60367	323.19000	110.33276	12.76270	0.1631164	0.22956857	2.6415637	21	—	—
352823 2008 UC_{330}	17.4	X	155.12012	195.47730	229.51274	6.30298	0.1479678	0.27015166	2.3699051	21	4 19.6	20.8
352824 2008 UA_{331}	17.6	X	116.49346	227.78313	2.71122	5.34661	0.1198601	0.30252076	2.1976874	21	10 17.6	20.6
352825 2008 UL_{340}	18.0	X	106.48994	198.57012	301.90371	1.39962	0.1577553	0.27021938	2.3695091	21	6 7.3	21.0
352826 2008 UH_{343}	16.9	X	130.39987	268.86691	100.40772	9.81012	0.2324966	0.25641889	2.4537824	21	1 24.9	20.3
352827 2008 UG_{350}	17.7	X	87.40516	166.37756	325.71702	4.15844	0.1229767	0.26659071	2.3909622	21	4 22.3	20.5
352828 2008 UK_{351}	17.4	X	51.94207	356.87436	230.36543	5.52124	0.0779833	0.28164467	2.3049864	21	7 9.6	19.9
352829 2008 UU_{355}	17.2	X	132.61180	80.01291	65.61677	7.14795	0.0739068	0.28221155	2.3018986	21	7 7.1	20.2
352830 2008 UX_{355}	17.8	X	119.33619	67.30746	309.85259	1.19302	0.0860355	0.25191982	2.4829110	21	—	—
352831 2008 US_{368}	16.8	X	103.37266	337.61190	66.30633	5.57189	0.1013681	0.24708605	2.5151887	21	1 17.3	19.8
352832 2008 UE_{370}	18.0	X	213.97864	271.10591	82.52564	2.26502	0.2014787	0.26997734	2.3709252	21	3 18.5	21.8
352833 2008 VN_{2}	16.0	X	126.69536	286.19332	34.21621	15.37003	0.1554848	0.24421638	2.5348534	21	—	—
352834 Málaga	17.4	X	167.06030	299.36682	101.88506	5.19647	0.2726237	0.26924756	2.3752074	21	4 11.8	21.5
352835 2008 VR_{13}	17.3	X	136.73756	337.75458	92.72239	6.20144	0.2088821	0.26473082	2.4021477	21	4 17.9	20.9
352836 2008 VU_{14}	16.3	X	280.46686	312.19769	127.88508	10.73609	0.2890019	0.21934582	2.7230136	21	9 5.5	19.8
352837 2008 VU_{16}	17.9	X	86.73539	134.59016	63.78605	3.55685	0.1407359	0.28376234	2.2935042	21	8 1.9	20.8
352838 2008 VO_{50}	17.8	X	200.56446	75.83047	261.92551	0.46905	0.1952731	0.26731150	2.3866622	21	2 14.7	21.8
352839 2008 VK_{68}	16.4	X	97.50727	245.26461	125.64680	4.53959	0.2998874	0.24329158	2.5412730	21	—	—
352840 2008 VS_{68}	16.7	X	282.73346	309.97506	277.91985	3.11207	0.1731732	0.24049208	2.5609564	21	—	—
352841 2008 VR_{72}	17.1	X	334.83565	197.37391	267.78758	3.09919	0.1415483	0.23028798	2.6360595	21	—	—
352842 2008 VX_{72}	17.0	X	276.59764	233.45404	76.82176	7.70706	0.0891687	0.27269349	2.3551552	21	4 5.9	20.2
352843 2008 VO_{73}	17.6	X	92.27989	118.40619	65.24247	5.89010	0.1678253	0.27788333	2.3257394	21	7 23.0	20.7
352844 2008 VW_{75}	16.3	X	358.52262	25.08207	91.51156	12.96044	0.0993077	0.23823844	2.5770815	21	—	—
352845 2008 VN_{78}	17.0	X	85.48328	333.82571	146.74279	4.41881	0.1606116	0.26092337	2.4254597	21	4 13.8	19.8
352846 2008 WY_{11}	18.3	X	120.40063	255.83773	182.21976	0.92134	0.1632333	0.26382327	2.4076535	21	4 1.3	21.5
352847 2008 WB_{22}	17.2	X	14.21309	152.32233	291.29851	1.68581	0.1470482	0.24206725	2.5498347	21	—	—
352848 2008 WX_{22}	17.3	X	177.31849	359.19651	49.55082	8.07982	0.0526982	0.27199790	2.3591688	21	4 18.8	20.4
352849 2008 WT_{24}	17.7	X	149.89610	265.66706	145.79067	2.04067	0.1423805	0.26566153	2.3965340	21	3 28.8	21.0
352850 2008 WE_{25}	17.8	X	132.53620	250.78379	169.57158	2.46741	0.1751135	0.26382035	2.4076713	21	3 24.9	21.2
352851 2008 WF_{31}	17.8	X	127.60607	46.20761	42.45183	3.39443	0.1421009	0.26511418	2.3998315	21	4 21.5	21.0
352852 2008 WO_{40}	17.5	X	324.90188	59.92150	232.20554	6.67864	0.1246430	0.27930783	2.3178250	21	5 9.8	19.8
352853 2008 WZ_{60}	17.4	X	98.15219	221.97829	247.90550	4.50795	0.1871529	0.26308268	2.4121698	21	4 18.2	20.3
352854 2008 WO_{62}	17.5	X	136.55025	275.86034	205.48326	5.89092	0.0436662	0.27667130	2.3325268	21	6 4.3	20.6
352855 2008 WG_{66}	17.5	X	122.33664	135.48732	278.62761	1.57077	0.1690863	0.26039150	2.4287613	21	3 3.3	20.7
352856 2008 WK_{67}	16.8	X	158.86658	257.88883	79.27885	7.47775	0.1222433	0.25255825	2.4787250	21	1 2.4	20.3
352857 2008 WB_{84}	16.3	X	151.33209	20.91439	297.40387	4.40970	0.1860459	0.24613789	2.5216437	21	—	—
352858 2008 WV_{84}	17.0	X	184.03917	104.76481	264.67235	6.30323	0.1260895	0.26337020	2.4104139	21	3 5.4	20.8
352859 2008 WX_{85}	17.3	X	127.22318	278.26145	167.46363	2.45359	0.1689330	0.26268575	2.4145991	21	4 21.1	20.6
352860 Monflier	17.3	X	261.08270	339.34720	13.00759	2.98063	0.2245515	0.28057890	2.3108196	21	4 23.6	20.9
352861 2008 WB_{98}	16.4	X	67.18950	45.81189	286.34271	8.87459	0.2583494	0.24066608	2.5597219	21	—	—
352862 2008 WU_{109}	17.6	X	90.99933	65.84232	61.90602	6.79764	0.0841968	0.26620393	2.3932776	21	4 19.5	20.4
352863 2008 WT_{112}	17.3	X	39.68407	336.71300	246.39486	1.39528	0.1664712	0.27437154	2.3455427	21	6 25.4	19.1
352864 2008 WF_{115}	17.1	X	14.09127	330.05634	249.22618	6.38239	0.0645468	0.27007620	2.3703465	21	4 21.3	19.7
352865 2008 WP_{116}	16.9	X	65.54284	291.88653	253.87400	4.34925	0.0462648	0.27228005	2.3575387	21	5 26.1	19.4
352866 2008 WK_{121}	17.1	X	92.08828	270.02947	88.04652	6.13863	0.1227347	0.23718695	2.5846924	21	—	—
352867 2008 WA_{125}	17.3	X	62.71931	22.81821	118.14985	3.03017	0.1279381	0.25624053	2.4549209	21	3 31.5	19.8
352868 2008 WG_{139}	17.3	X	192.61170	290.73255	102.26800	7.26474	0.1308410	0.26933347	2.3747022	21	4 19.8	21.0
352869 2008 WL_{140}	16.5	X	33.69466	252.97502	217.20362	13.70556	0.0737763	0.25277306	2.4773205	21	—	—
352870 2008 XD_{4}	15.9	X	72.35363	291.16211	84.64979	16.28644	0.1702575	0.23822527	2.5771765	21	—	—
352871 2008 XJ_{8}	17.4	X	150.76540	286.23919	130.89689	9.87845	0.2045283	0.26721744	2.3872222	21	4 15.2	21.3
352872 2008 XO_{30}	16.7	X	1.88999	143.55669	324.13648	12.56997	0.2127469	0.23193524	2.6235633	21	—	—
352873 2008 XY_{31}	16.9	X	243.49956	6.48581	282.80031	5.27122	0.1366575	0.26016832	2.4301501	21	1 25.5	20.8
352874 2008 XF_{34}	17.7	X	117.09647	203.52138	282.13363	6.23254	0.0500075	0.27117991	2.3639105	21	5 13.9	20.8
352875 2008 XO_{43}	16.9	X	54.18751	359.91082	44.74876	3.73267	0.1540392	0.23892132	2.5721687	21	—	—
352876 2008 XR_{43}	16.1	X	329.97386	8.58144	132.06195	13.90103	0.1201406	0.22992372	2.6388428	21	—	—
352877 2008 XU_{47}	17.4	X	69.76482	88.04499	274.26335	2.73896	0.2373810	0.23539223	2.5978135	21	—	—
352878 2008 XX_{48}	17.3	X	10.02110	67.41303	349.10972	1.72184	0.1379947	0.22788085	2.6545903	21	—	—
352879 2008 XK_{52}	16.5	X	344.65449	229.76577	244.97004	10.42827	0.1030127	0.23850763	2.5751421	21	—	—
352880 2008 YH_{3}	15.3	X	310.93163	51.05375	49.84849	25.70254	0.1545109	0.21909335	2.7251050	21	12 9.1	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352881 2008 YO_3	16.9	X	165.43008	307.04070	78.16787	5.75180	0.0327595	0.26101698	2.4248798	21	3 4.3	20.1
352882 2008 YO_4	17.0	X	98.20302	91.30192	302.41767	6.53050	0.2198970	0.24348685	2.5399142	21	1 14.7	19.9
352883 2008 YJ_9	17.6	X	104.31319	266.23671	190.48524	5.26273	0.1889776	0.26125678	2.4233957	21	4 10.7	20.6
352884 2008 YZ_{10}	17.1	X	46.53240	331.95319	251.29482	8.33796	0.1562556	0.27502998	2.3417976	21	7 6.5	19.4
352885 2008 YJ_{13}	15.9	X	355.91842	30.52293	109.04207	14.63145	0.1830880	0.23946490	2.5682747	21	—	—
352886 2008 YT_{20}	17.0	X	338.80230	273.56410	287.14285	2.44622	0.1607480	0.24589091	2.5233320	21	1 21.4	20.0
352887 2008 YP_{32}	17.5	X	155.24035	344.70095	88.66191	7.38113	0.0613902	0.26999263	2.3708356	21	4 27.2	20.7
352888 2008 YQ_{34}	17.1	X	315.88191	37.30441	131.30316	4.09011	0.1538157	0.23606882	2.5928475	21	—	—
352889 2008 YF_{35}	16.4	X	16.41853	267.89772	126.29577	9.69302	0.1030523	0.22201105	2.7011767	21	—	—
352890 2008 YJ_{37}	17.2	X	21.18941	304.53120	125.98482	3.73418	0.1918882	0.23450366	2.6043717	21	—	—
352891 2008 YQ_{41}	17.7	X	220.58340	122.63972	229.29813	5.36456	0.1103289	0.26807598	2.3821226	21	3 20.8	21.3
352892 2008 YD_{48}	17.4	X	23.66181	317.40538	99.28929	4.11152	0.1178895	0.23111473	2.6297692	21	—	—
352893 2008 YR_{50}	16.5	X	22.94522	296.17662	88.74071	6.27492	0.0608839	0.22118943	2.7078617	21	12 24.2	19.9
352894 2008 YA_{53}	16.4	X	165.67578	157.69750	109.59232	15.43974	0.0505121	0.22491702	2.6778598	21	—	—
352895 2008 YW_{54}	17.3	X	348.75687	17.42114	93.31808	7.12795	0.1368156	0.23210912	2.6222529	21	—	—
352896 2008 YK_{62}	16.6	X	293.45842	86.90141	136.29444	6.55126	0.1299055	0.24274713	2.5450714	21	—	—
352897 2008 YP_{66}	17.2	X	257.87701	165.15293	226.51944	7.42540	0.1313137	0.29110845	2.2547558	21	6 23.7	20.2
352898 2008 YL_{71}	16.8	X	276.59916	195.29265	332.66693	9.22287	0.2080418	0.21890092	2.7267019	21	—	—
352899 2008 YL_{76}	17.2	X	43.56859	184.48749	254.03870	4.64682	0.2718360	0.24259541	2.5461325	21	—	—
352900 2008 YQ_{84}	17.1	X	311.00957	188.03186	30.42406	2.05451	0.1246869	0.24681540	2.5170270	21	1 13.4	20.5
352901 2008 YW_{96}	17.2	X	180.85659	295.22028	72.73582	2.00240	0.2277201	0.25742348	2.4473943	21	3 10.4	21.2
352902 2008 YV_{101}	17.1	X	126.57982	128.67905	273.24727	3.32613	0.1720339	0.25284717	2.4768364	21	2 21.4	20.5
352903 2008 YB_{102}	17.0	X	293.17619	165.64965	128.85227	7.16711	0.1272690	0.26161821	2.4211632	21	3 31.6	20.2
352904 2008 YX_{103}	17.6	X	186.35405	50.54677	297.44628	13.95085	0.1407911	0.25212940	2.4815349	21	2 10.9	21.6
352905 2008 YF_{106}	16.2	X	86.13901	178.83830	113.00932	10.78185	0.0969283	0.21321693	2.7749485	21	11 22.1	20.4
352906 2008 YW_{106}	16.8	X	295.60092	164.78083	76.04112	3.15207	0.0784339	0.24645372	2.5194890	21	1 30.1	20.1
352907 2008 YH_{109}	16.9	X	86.07194	356.52016	62.91958	1.90864	0.1735571	0.24541444	2.5265970	21	1 22.4	19.5
352908 2008 YV_{114}	16.5	X	43.13628	291.82656	105.61191	14.95730	0.0460895	0.23146143	2.6271425	21	—	—
352909 2008 YD_{121}	16.6	X	191.95999	240.01064	94.05768	7.50106	0.1608735	0.25267395	2.4779682	21	2 5.1	20.5
352910 2008 YQ_{122}	16.5	X	352.15794	269.93393	126.24004	8.38780	0.1219945	0.22179788	2.7029071	21	12 2.2	19.6
352911 2008 YF_{124}	17.1	X	55.17494	119.69740	269.05217	4.39203	0.1155390	0.23343666	2.6123017	21	—	—
352912 2008 YY_{135}	17.1	X	340.04465	297.13235	294.24905	6.68471	0.1032226	0.25867865	2.4394710	21	3 9.1	19.9
352913 2008 YW_{138}	16.4	X	24.80259	290.06561	130.75768	8.84082	0.0396810	0.23014713	2.6371348	21	—	—
352914 2008 YH_{139}	17.3	X	103.18624	0.47959	127.73480	2.55076	0.1390617	0.26211231	2.4181196	21	5 15.4	20.5
352915 2008 YA_{142}	16.6	X	291.96639	192.93289	303.87810	9.81390	0.1445421	0.22568020	2.6718193	21	—	—
352916 2008 YB_{145}	16.9	X	187.16568	322.58750	275.18016	4.19491	0.0186028	0.22385435	2.6863279	21	—	—
352917 2008 YJ_{145}	16.9	X	28.65900	103.97443	283.75768	2.98113	0.1101688	0.22544072	2.6737110	21	—	—
352918 2008 YX_{153}	16.3	X	30.07691	30.20789	49.42065	10.44475	0.1815565	0.23820867	2.5772962	21	—	—
352919 2008 YM_{157}	17.6	X	233.73872	280.72277	52.14115	1.91368	0.2086964	0.26673824	2.3900805	21	3 9.3	21.4
352920 2008 YS_{157}	16.0	X	348.23414	137.71622	310.38256	21.52416	0.0433334	0.22582341	2.6706896	21	—	—
352921 2008 YX_{159}	17.3	X	24.22037	346.84722	105.02315	6.01116	0.1373575	0.23433497	2.6056214	21	—	—
352922 2008 YF_{165}	16.8	X	345.78015	91.77926	24.47248	7.66595	0.1544536	0.23478778	2.6022702	21	—	—
352923 2008 YA_{167}	16.0	X	97.64610	272.89699	74.39189	6.39755	0.2900406	0.23936167	2.5690131	21	—	—
352924 2008 YR_{167}	17.7	X	145.36955	291.47602	117.13056	2.16772	0.1749671	0.26325331	2.4111274	21	3 24.3	21.2
352925 2008 YL_{169}	16.5	X	224.34046	105.26691	99.12817	15.02768	0.0736656	0.22485188	2.6783770	21	—	—
352926 2008 YG_{170}	16.8	X	240.01111	130.20967	115.18797	12.43050	0.1465749	0.22884169	2.6471544	21	—	—
352927 2008 YG_{171}	17.4	X	39.38674	244.04380	195.18409	2.98089	0.2246884	0.24141514	2.5544244	21	—	—
352928 2009 AK_2	16.8	X	84.28035	152.45387	209.63236	2.10624	0.2628509	0.23836011	2.5762045	21	—	—
352929 2009 AK_{13}	17.2	X	41.57172	176.81884	235.23682	2.44159	0.1426286	0.23595446	2.5936852	21	—	—
352930 2009 AA_{25}	17.4	X	44.56447	315.10326	134.90864	4.38839	0.1289742	0.24091427	2.5579636	21	—	—
352931 2009 AR_{26}	17.0	X	22.09771	281.86399	112.14154	6.35303	0.0763436	0.22486568	2.6782673	21	—	—
352932 2009 AX_{27}	16.7	X	252.63412	81.51392	93.35931	3.34848	0.0247276	0.22395485	2.6855242	21	—	—
352933 2009 AU_{28}	16.1	X	197.76730	285.89571	308.68130	10.16022	0.1456693	0.22251212	2.6971200	21	—	—
352934 2009 AJ_{30}	16.4	X	193.32233	232.72524	132.67645	6.29675	0.1164569	0.26015438	2.4302370	21	3 15.0	20.1
352935 2009 AJ_{33}	16.7	X	28.16643	341.77537	121.85144	6.94342	0.1337262	0.23907214	2.5710868	21	—	—
352936 2009 AG_{36}	17.8	X	41.73907	339.84526	140.52431	1.93814	0.0833624	0.24397203	2.5365457	21	1 22.5	20.6
352937 2009 AM_{36}	16.8	X	119.33934	71.77009	312.45601	2.30700	0.2629173	0.24564642	2.5250060	21	2 5.4	20.0
352938 2009 AJ_{44}	16.6	X	223.39675	152.11704	140.03939	14.41910	0.0867970	0.24033885	2.5620449	21	1 13.7	20.6
352939 2009 AY_{44}	16.4	X	15.12750	41.20924	71.52224	15.18468	0.1271223	0.23680233	2.5874903	21	—	—
352940 2009 AJ_{45}	16.8	X	256.64701	87.68268	132.04921	3.36254	0.0706418	0.23096823	2.6308811	21	—	—
352941 2009 AL_{45}	17.8	X	57.16588	289.49448	150.79880	3.02659	0.1877054	0.24167194	2.5526145	21	—	—
352942 2009 AT_{49}	17.5	X	20.66252	80.93330	352.78496	2.76570	0.1915877	0.23612089	2.5924663	21	—	—
352943 2009 BB_7	16.5	X	318.36712	178.32395	293.54969	16.68362	0.1115441	0.22542291	2.6738519	21	—	—
352944 2009 BS_7	16.8	X	69.18407	233.34198	184.00559	4.81045	0.2404313	0.24219188	2.5489598	21	—	—
352945 2009 BL_{10}	16.9	X	13.50949	307.79444	111.02943	7.41761	0.0832459	0.22872254	2.6480737	21	—	—
352946 2009 BP_{11}	16.1	X	317.31021	235.77072	252.89624	7.86425	0.0773808	0.22963078	2.6410866	21	—	—
352947 2009 BU_{12}	16.0	X	20.64650	306.37739	130.43797	22.59532	0.0348824	0.23277793	2.6172277	21	—	—
352948 2009 BM_{13}	15.5	X	193.15689	245.69298	314.20460	22.68957	0.1983333	0.21113145	2.7931918	21	11 1.1	20.7
352949 2009 BJ_{15}	17.4	X	123.98661	153.52602	281.40852	5.67672	0.1058566	0.25760091	2.4462704	21	3 21.8	20.7
352950 2009 BA_{17}	16.8	X	326.10804	219.89608	312.70185	12.48729	0.1177784	0.23883444	2.5727924	21	—	—
352951 2009 BC_{20}	17.0	X	337.07560	268.66827	303.35741	9.07299	0.2242289	0.24711233	2.5150103	21	1 23.7	20.0
352952 2009 BU_{22}	17.1	X	359.93914	143.99738	327.54433	14.47912	0.0985285	0.23335246	2.6129301	21	—	—
352953 2009 BA_{24}	16.3	X	347.74558	247.10126	122.70782	13.28918	0.1136442	0.20861186	2.8156374	21	10 21.2	19.8
352954 2009 BB_{24}	17.2	X	61.44710	354.20238	72.35611	4.35295	0.1136312	0.23810804	2.5780224	21	—	—
352955 2009 BS_{27}	17.2	X	86.62884	62.93357	359.03191	3.62428	0.1381377	0.24555917	2.5256041	21	1 22.1	20.0
352956 2009 BJ_{35}	16.6	X	322.35202	323.90593	104.09058	6.36061	0.1082681	0.21758309	2.7377007	21	11 22.8	19.7
352957 2009 BM_{35}	17.0	X	166.94777	303.74709	17.65417	3.61097	0.0700669	0.23682368	2.5873348	21	—	—
352958 2009 BC_{36}	17.3	X	251.39912	85.17644	33.53626	3.04520	0.1356596	0.21144468	2.7904326	21	10 8.7	21.1
352959 2009 BP_{38}	17.0	X	201.36832	295.92022	337.58923	4.57273	0.0269593	0.23247141	2.6195279	21	—	—
352960 2009 BT_{40}	17.3	X	104.89089	65.78455	339.00096	5.17606	0.1934126	0.24509839	2.5287685	21	2 4.4	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352961 2009 BE_{41}	16.7	X	129.53370	256.61556	105.71042	4.48268	0.0814826	0.23735274	2.5834886	21	—	—
352962 2009 BX_{45}	17.2	X	275.15838	315.31199	193.19905	2.61079	0.1042726	0.22046366	2.7138012	21	12 23.9	20.4
352963 2009 BA_{46}	16.6	X	98.75946	269.25917	148.71827	12.69797	0.1191920	0.24390674	2.5369983	21	1 30.9	19.7
352964 2009 BG_{48}	17.5	X	9.53066	294.00660	113.96687	2.95975	0.1059589	0.22474499	2.6792261	21	—	—
352965 2009 BN_{48}	17.7	X	14.29218	160.99925	325.30684	3.52289	0.1586662	0.23808312	2.5782022	21	—	—
352966 2009 BS_{48}	16.9	X	25.01074	266.01497	141.66635	13.41081	0.2723824	0.22836729	2.6508193	21	—	—
352967 2009 BG_{49}	17.8	X	42.31866	123.24930	314.20960	2.32991	0.1981706	0.23925335	2.5697884	21	—	—
352968 2009 BN_{54}	17.4	X	278.80245	128.82908	123.02202	12.55909	0.1255549	0.24287120	2.5442046	21	1 18.9	21.0
352969 2009 BQ_{54}	16.6	X	356.24140	7.58571	101.48627	4.49127	0.1543317	0.23313226	2.6145751	21	—	—
352970 2009 BF_{59}	17.0	X	261.25056	103.92682	100.93193	3.56839	0.1500486	0.23152790	2.6266397	21	—	—
352971 2009 BV_{61}	16.7	X	78.99481	46.03031	310.81133	6.24550	0.2141984	0.22786555	2.6547091	21	—	—
352972 2009 BG_{64}	16.7	X	23.29076	153.19773	16.62721	6.16053	0.0733840	0.25193358	2.4828206	21	3 2.9	19.4
352973 2009 BS_{64}	16.5	X	61.69167	49.27751	38.64524	8.08503	0.1964613	0.24550661	2.5259646	21	1 21.6	18.8
352974 2009 BV_{65}	17.7	X	68.29812	288.38256	164.12063	2.14497	0.1827935	0.24513632	2.5285076	21	2 6.6	19.9
352975 2009 BA_{67}	16.7	X	241.13848	299.92896	311.23275	7.47440	0.1623374	0.23128611	2.6284699	21	—	—
352976 2009 BB_{67}	17.0	X	330.26912	231.97321	173.58192	4.07394	0.0690503	0.21134741	2.7912887	21	11 4.6	20.3
352977 2009 BK_{67}	17.6	X	333.64960	340.78975	180.32731	2.09966	0.1464473	0.23483162	2.6019463	21	—	—
352978 2009 BA_{75}	16.5	X	55.36223	15.48827	27.36729	7.22663	0.3000439	0.23909694	2.5709090	21	—	—
352979 2009 BJ_{75}	16.5	X	349.27127	37.78600	62.52275	14.05660	0.1719054	0.23100710	2.6305860	21	—	—
352980 2009 BP_{75}	16.6	X	87.90102	329.30199	103.91504	9.23517	0.1570763	0.24572369	2.5244767	21	2 12.6	19.5
352981 2009 BQ_{76}	16.4	X	306.51624	69.26328	92.80439	8.56624	0.1294141	0.23121910	2.6289778	21	—	—
352982 2009 BO_{79}	16.3	X	3.29035	98.00781	316.76951	14.14486	0.1101188	0.22615557	2.6680739	21	—	—
352983 2009 BP_{82}	16.4	X	80.13330	6.22931	35.95851	7.00257	0.2614830	0.24220362	2.5488775	21	1 1.3	18.7
352984 2009 BN_{93}	17.2	X	43.87609	163.66588	295.82194	3.50961	0.1543699	0.24135195	2.5548702	21	—	—
352985 2009 BG_{95}	17.0	X	219.65756	324.44481	334.31511	3.64472	0.0367952	0.24589324	2.5233161	21	1 17.9	20.4
352986 2009 BA_{99}	16.8	X	358.13039	74.54399	359.86759	10.36748	0.1710036	0.22908155	2.6453064	21	—	—
352987 2009 BY_{99}	16.7	X	356.86661	41.25108	115.71817	12.75122	0.1163515	0.23916281	2.5704369	21	—	—
352988 2009 BF_{101}	16.5	X	298.30830	23.69660	85.57115	13.21139	0.1011577	0.22091361	2.7101151	21	12 8.9	19.7
352989 2009 BG_{103}	16.3	X	0.91481	211.85941	280.77251	9.47019	0.1233187	0.23511086	2.5998857	21	—	—
352990 2009 BV_{103}	17.2	X	26.33406	117.40616	302.12864	2.60285	0.0879101	0.22757485	2.6569693	21	—	—
352991 2009 BU_{104}	17.0	X	241.37101	110.18704	147.41325	12.01339	0.2746768	0.22964767	2.6409572	21	—	—
352992 2009 BN_{108}	16.7	X	225.09621	95.21801	131.51374	6.69439	0.0534818	0.22268085	2.6957574	21	—	—
352993 2009 BR_{108}	17.1	X	327.15576	61.82943	68.57467	2.75168	0.0840310	0.22616884	2.6679695	21	—	—
352994 2009 BO_{111}	16.1	X	120.73783	64.27466	310.43785	24.81070	0.0861537	0.23898197	2.5717334	21	1 6.4	19.7
352995 2009 BZ_{111}	16.3	X	51.68857	35.24339	298.92658	12.27533	0.1940221	0.21744385	2.7388692	21	12 15.7	20.2
352996 2009 BV_{112}	16.4	X	245.82059	127.39616	2.84005	14.96243	0.0903420	0.20485755	2.8499336	21	10 17.5	20.5
352997 2009 BM_{116}	17.1	X	288.12929	264.73268	331.69719	2.49783	0.1710321	0.24276456	2.5449497	21	1 5.4	21.0
352998 2009 BC_{121}	16.7	X	213.55289	300.97365	316.19029	12.11810	0.2413856	0.22496130	2.6775084	21	—	—
352999 2009 BL_{125}	16.7	X	14.10051	138.46816	339.81754	8.10557	0.0810089	0.23531062	2.5984141	21	—	—
353000 2009 BQ_{125}	17.1	X	316.13478	231.02985	315.00386	2.48447	0.0948916	0.23650551	2.5896548	21	—	—
353001 2009 BX_{125}	16.8	X	355.32831	51.06798	329.03642	1.73100	0.1142879	0.21323971	2.7747508	21	11 10.7	20.1
353002 2009 BC_{127}	17.6	X	16.60300	196.53576	307.69801	3.96886	0.1002534	0.24260117	2.5460921	21	1 14.1	20.5
353003 2009 BK_{129}	17.0	X	65.52878	18.94094	78.53906	2.80637	0.0317209	0.24257476	2.5462770	21	1 26.6	20.0
353004 2009 BH_{141}	16.6	X	3.69131	201.82123	323.13545	14.97005	0.0469454	0.24444236	2.5332910	21	1 28.6	19.7
353005 2009 BQ_{143}	16.4	X	39.89285	201.43666	132.78333	5.59671	0.1246131	0.21175028	2.7877472	21	11 21.3	20.1
353006 2009 BQ_{145}	16.7	X	161.00166	232.07955	343.53438	3.79914	0.0063387	0.21074743	2.7965839	21	11 3.5	20.5
353007 2009 BE_{149}	16.4	X	14.77214	253.20618	110.34407	5.45845	0.0856208	0.21295055	2.7772621	21	11 18.4	19.9
353008 2009 BV_{150}	17.4	X	336.29136	273.02441	265.77965	4.24088	0.1529747	0.24157379	2.5533059	21	—	—
353009 2009 BJ_{152}	17.2	X	11.02370	112.90959	340.08735	6.43415	0.1590169	0.23495629	2.6010258	21	—	—
353010 2009 BH_{156}	17.1	X	183.94450	289.70400	326.76983	4.05449	0.0661254	0.22069155	2.7119327	21	—	—
353011 2009 BY_{156}	17.0	X	7.16931	329.77815	153.79176	4.45838	0.1932222	0.23562531	2.5961000	21	—	—
353012 2009 BP_{161}	16.3	X	196.51220	286.85628	278.52699	6.53007	0.1612684	0.21326552	2.7745270	21	11 21.7	20.8
353013 2009 BD_{163}	17.0	X	16.71751	336.88874	107.93267	6.30196	0.1555309	0.23284071	2.6167573	21	—	—
353014 2009 BF_{166}	17.0	X	142.37325	49.73892	317.87057	4.12736	0.0737242	0.24011255	2.5636544	21	1 18.3	20.3
353015 2009 BM_{167}	17.2	X	347.76952	103.74998	11.57803	12.96525	0.2273973	0.23177322	2.6247858	21	—	—
353016 2009 BX_{169}	16.4	X	254.46729	245.67197	318.80084	14.11405	0.0380198	0.23122331	2.6289459	21	—	—
353017 2009 BE_{170}	17.0	X	324.30023	192.01716	330.31516	8.83658	0.0279357	0.23392951	2.6086314	21	—	—
353018 2009 BX_{170}	16.2	X	9.13172	75.88687	327.01839	21.90013	0.1502572	0.22054114	2.7131656	21	—	—
353019 2009 BU_{173}	17.6	X	253.63864	93.84003	137.12475	3.19965	0.0283235	0.23230303	2.6207935	21	—	—
353020 2009 BN_{174}	17.1	X	182.36909	126.54832	153.51232	6.91201	0.1034820	0.22453251	2.6809162	21	—	—
353021 2009 BK_{175}	16.0	X	82.64771	300.41318	120.32586	14.82345	0.1717114	0.24091892	2.5579307	21	1 18.8	18.5
353022 2009 BF_{178}	16.3	X	82.48509	4.73618	336.07356	15.72869	0.1156047	0.21738228	2.7393864	21	—	—
353023 2009 BY_{180}	15.7	X	198.71787	153.96392	80.07665	14.63545	0.1659986	0.21295053	2.7772623	21	12 27.7	20.1
353024 2009 BW_{182}	16.9	X	70.19186	260.52783	152.60588	12.01371	0.1777412	0.23889281	2.5723733	21	—	—
353025 2009 BV_{186}	16.9	X	332.50661	25.11815	133.28723	13.97236	0.2175364	0.23228805	2.6209062	21	—	—
353026 2009 BJ_{188}	16.4	X	352.78684	275.99506	289.23164	12.85320	0.1237257	0.24521693	2.5279535	21	2 18.8	19.4
353027 2009 CX_{7}	16.8	X	194.73969	79.10792	131.47945	13.72552	0.0532133	0.22003667	2.7173110	21	12 9.6	20.9
353028 2009 CV_{15}	17.4	X	325.02524	346.86436	186.32486	1.04422	0.1081787	0.23421970	2.6064762	21	—	—
353029 2009 CH_{17}	16.2	X	233.29873	71.09794	145.62772	15.53907	0.0697409	0.22528201	2.6749667	21	—	—
353030 2009 CJ_{21}	17.3	X	271.82585	75.22611	143.88658	11.24187	0.0772084	0.23503362	2.6004553	21	—	—
353031 2009 CX_{22}	17.7	X	334.54228	344.27414	174.29004	3.50168	0.1620805	0.23598140	2.5934878	21	—	—
353032 2009 CL_{25}	17.0	X	13.63006	345.58064	108.24016	3.77481	0.0676060	0.23087189	2.6316129	21	—	—
353033 2009 CX_{27}	17.3	X	337.69809	103.38499	339.27461	4.34899	0.2293532	0.22429198	2.6828325	21	—	—
353034 2009 CZ_{29}	16.7	X	169.71211	166.70787	113.11473	4.30381	0.0730455	0.22329948	2.6907762	21	—	—
353035 2009 CG_{32}	16.2	X	274.42047	37.26059	342.34177	10.83435	0.0899110	0.19070487	2.9892451	21	7 8.1	20.5
353036 2009 CQ_{34}	17.4	X	4.53128	117.29261	343.50754	8.09548	0.0791478	0.23308181	2.6149525	21	—	—
353037 2009 CY_{40}	17.5	X	57.95002	277.89382	168.37074	3.14467	0.1377727	0.24305525	2.5429201	21	1 4.9	20.1
353038 2009 CW_{43}	17.4	X	34.68378	302.50120	160.56762	2.96706	0.0864433	0.23944652	2.5684062	21	—	—
353039 2009 CM_{46}	17.5	X	80.59498	88.20492	314.83437	2.21708	0.1472816	0.24031283	2.5622298	21	—	—
353040 2009 CO_{47}	16.7	X	24.54012	262.20449	130.95060	8.77741	0.2516299	0.22160475	2.7044773	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353041 2009 CO_{51}	16.8	X	40.65209	358.35946	111.88977	5.56353	0.0905919	0.24058424	2.5603024	21	1 7.9	19.4
353042 2009 CP_{53}	16.6	X	274.30608	109.71280	133.11326	6.24208	0.0128986	0.24048595	2.5610000	21	1 14.8	20.1
353043 2009 CG_{59}	17.3	X	339.57738	31.01401	123.63104	3.38950	0.1539319	0.23364015	2.6107848	21	—	—
353044 2009 DU_{1}	16.4	X	168.05809	36.49305	301.57771	12.11253	0.1551856	0.24202235	2.5501500	21	1 18.5	20.1
353045 2009 DT_{9}	16.4	X	264.86046	33.54228	150.37001	11.29414	0.1754504	0.21999614	2.7176447	21	—	—
353046 2009 DZ_{14}	16.6	X	264.65901	348.04730	122.05592	8.84139	0.1737269	0.21074301	2.7966230	21	10 12.5	20.5
353047 2009 DP_{25}	16.4	X	335.69277	254.31488	144.83493	15.10157	0.2558497	0.21479911	2.7613052	21	11 11.9	19.0
353048 2009 DG_{26}	17.2	X	40.07024	154.38045	300.06619	3.35377	0.2249745	0.24055105	2.5605379	21	—	—
353049 2009 DN_{28}	16.0	X	273.76794	180.61260	165.46809	11.92881	0.0968883	0.18072872	3.0982605	21	5 24.7	20.6
353050 2009 DZ_{35}	16.4	X	335.68062	62.36417	23.22904	5.66398	0.0145063	0.21239937	2.7820648	21	—	—
353051 2009 DA_{42}	16.4	X	3.90045	150.90557	327.50791	9.95415	0.1517983	0.23355038	2.6114537	21	—	—
353052 2009 DN_{42}	17.2	X	331.14456	340.68563	234.46731	1.11701	0.1379145	0.24469420	2.5315525	21	2 2.1	20.3
353053 2009 DT_{45}	16.3	X	91.22570	196.01141	160.33376	9.89013	0.1173956	0.22393101	2.6857148	21	—	—
353054 2009 DJ_{49}	16.9	X	285.83237	138.42257	3.48327	4.72551	0.0414040	0.21576215	2.7530824	21	—	—
353055 2009 DU_{50}	16.2	X	330.73632	81.45741	358.86176	5.03612	0.0442813	0.21216001	2.7841568	21	12 18.9	19.9
353056 2009 DK_{52}	16.7	X	358.81578	359.03677	64.80400	5.02046	0.1024809	0.22466541	2.6798588	21	—	—
353057 2009 DC_{54}	17.6	X	50.43147	297.91713	125.13894	2.75685	0.0627977	0.23189967	2.6238316	21	—	—
353058 2009 DM_{56}	16.8	X	48.31378	259.61089	136.45293	6.23429	0.0865632	0.22306227	2.6926835	21	—	—
353059 2009 DV_{58}	16.6	X	323.49996	325.51995	135.67428	5.54820	0.1251522	0.21971122	2.7199937	21	—	—
353060 2009 DB_{64}	16.2	X	251.24102	203.28002	21.26433	12.46352	0.1285950	0.22456626	2.6806475	21	—	—
353061 2009 DM_{65}	16.4	X	306.58616	326.07784	316.21032	9.54303	0.2344907	0.25515163	2.4619004	21	3 10.3	19.8
353062 2009 DZ_{66}	17.5	X	343.66242	234.56414	258.96825	1.66599	0.0750711	0.23118534	2.6292337	21	—	—
353063 2009 DJ_{69}	16.8	X	215.71572	43.27469	177.96491	2.51538	0.0642471	0.21986322	2.7187399	21	—	—
353064 2009 DO_{71}	16.7	X	275.49536	38.99216	159.79822	12.25538	0.1315034	0.22623007	2.6674882	21	—	—
353065 2009 DZ_{75}	17.3	X	79.37508	277.65102	131.64013	3.16130	0.1838294	0.24048857	2.5609814	21	—	—
353066 2009 DG_{77}	16.6	X	315.09703	236.99357	313.66969	2.04712	0.2411022	0.23256045	2.6188592	21	—	—
353067 2009 DU_{78}	17.1	X	33.44239	61.19156	58.86556	4.08148	0.1022896	0.24021769	2.5629063	21	1 9.8	19.8
353068 2009 DY_{78}	16.9	X	90.56900	12.24396	358.15340	5.51430	0.0450749	0.22514484	2.6760530	21	—	—
353069 2009 DJ_{82}	16.8	X	248.41402	99.23733	141.24428	6.38801	0.0741023	0.22661495	2.6644670	21	—	—
353070 2009 DJ_{83}	16.6	X	186.94106	116.23808	153.27396	2.17742	0.2444163	0.21473218	2.7618789	21	—	—
353071 2009 DP_{83}	17.0	X	327.01904	129.82921	24.18052	3.26771	0.0468954	0.22650311	2.6653440	21	—	—
353072 2009 DZ_{86}	16.8	X	333.21074	114.06662	338.94699	6.33871	0.0583820	0.21804378	2.7338431	21	—	—
353073 2009 DE_{88}	17.1	X	350.08952	295.70217	175.42385	4.66691	0.2007626	0.22640469	2.6661164	21	—	—
353074 2009 DA_{92}	16.5	X	139.93586	135.46602	148.78185	6.36256	0.1043502	0.21219006	2.7838940	21	—	—
353075 2009 DO_{94}	16.4	X	340.75995	311.76893	122.48299	6.69407	0.0810626	0.21419145	2.7665252	21	12 27.8	19.8
353076 2009 DG_{95}	16.3	X	36.64371	339.80001	41.21822	6.35306	0.0497126	0.21171306	2.7880739	21	—	—
353077 2009 DH_{95}	17.2	X	295.65483	48.77660	122.38432	4.87449	0.0884550	0.22475481	2.6791481	21	—	—
353078 2009 DV_{98}	16.5	X	326.37888	332.24918	154.92809	15.86394	0.1239566	0.22440153	2.6819592	21	—	—
353079 2009 DD_{104}	16.8	X	17.40454	75.49616	5.80836	1.89029	0.1860712	0.22671481	2.6636845	21	—	—
353080 2009 DE_{104}	16.7	X	225.50431	203.79918	1.88695	9.02048	0.1820848	0.21446688	2.7641561	21	12 19.3	21.0
353081 2009 DN_{105}	16.9	X	90.82786	4.95126	348.05570	5.29790	0.0906692	0.21809743	2.7333948	21	—	—
353082 2009 DU_{105}	17.2	X	165.97506	118.06321	180.87447	2.07213	0.0479290	0.22185871	2.7024131	21	—	—
353083 2009 DG_{106}	17.0	X	43.50390	53.60719	61.58811	3.78506	0.1062983	0.24110973	2.5565810	21	1 20.4	19.7
353084 2009 DK_{111}	16.2	X	346.10220	59.66645	108.37125	22.80781	0.0453673	0.23721657	2.5844772	21	1 7.8	19.3
353085 2009 DO_{112}	16.8	X	46.51914	58.86394	344.40474	11.38630	0.0579069	0.22527569	2.6750167	21	—	—
353086 2009 DV_{114}	16.5	X	65.68810	229.94925	139.34430	14.58349	0.1444985	0.22888636	2.6468100	21	—	—
353087 2009 DB_{115}	17.5	X	350.54807	330.47462	217.51932	0.81680	0.0896307	0.24336015	2.5407956	21	2 1.9	20.5
353088 2009 DF_{118}	16.9	X	173.84777	107.53620	174.43961	5.76154	0.0648752	0.22283036	2.6945514	21	—	—
353089 2009 DV_{120}	17.2	X	294.02929	3.73738	156.23979	1.18071	0.0830292	0.22291470	2.6938717	21	—	—
353090 2009 DR_{134}	17.0	X	344.97771	120.34020	346.84461	3.84235	0.0304364	0.22179771	2.7029085	21	—	—
353091 2009 DB_{137}	16.9	X	31.63077	75.42212	346.13607	4.55886	0.0035848	0.22134200	2.7066171	21	—	—
353092 2009 DP_{139}	16.1	X	288.19621	280.78925	271.89430	9.10917	0.1778632	0.22581111	2.6707865	21	—	—
353093 2009 DA_{141}	16.8	X	321.92537	86.74879	51.55939	14.80488	0.1682729	0.22501271	2.6771005	21	—	—
353094 2009 DC_{141}	16.3	X	31.84102	90.57691	161.78638	5.10849	0.0709308	0.18088222	3.0965075	21	7 12.3	20.4
353095 2009 DE_{141}	17.0	X	320.66430	256.57424	167.95069	2.23492	0.0481330	0.20501088	2.8485124	21	11 13.9	20.5
353096 2009 ED_{12}	16.5	X	113.17212	276.68048	24.05021	6.67615	0.0143342	0.21342853	2.7731141	21	12 23.1	20.4
353097 2009 EP_{14}	17.0	X	45.13881	244.07656	5.48064	10.32482	0.1836579	0.26432431	2.4046100	21	8 23.9	19.7
353098 2009 EX_{14}	17.4	X	53.86665	280.67747	156.62847	4.90262	0.1655580	0.23660076	2.5889597	21	—	—
353099 2009 EM_{16}	16.7	X	164.32789	291.39931	335.94193	7.02437	0.1940870	0.21387933	2.7692160	21	—	—
353100 2009 EF_{17}	16.7	X	208.15412	138.49881	135.93732	11.81169	0.0356585	0.23020427	2.6366985	21	—	—
353101 2009 ET_{18}	16.6	X	280.74095	183.71747	329.63305	4.39586	0.0497092	0.21952306	2.7215477	21	—	—
353102 2009 EZ_{19}	17.1	X	340.87052	90.52422	66.20406	4.05252	0.2250859	0.23414906	2.6070004	21	—	—
353103 2009 EK_{22}	16.8	X	245.41022	230.85575	186.49590	11.08363	0.0814597	0.18870264	3.0103528	21	7 18.0	21.4
353104 2009 ET_{22}	16.2	X	117.06440	301.74895	7.53737	6.15503	0.0323870	0.21540302	2.7561416	21	—	—
353105 2009 EG_{24}	16.2	X	17.62811	149.22088	83.66241	2.64366	0.1058349	0.17423919	3.1747205	21	5 28.1	19.9
353106 2009 EM_{26}	16.4	X	275.33449	167.89736	4.57534	9.10018	0.1535617	0.21882327	2.7273469	21	—	—
353107 2009 EP_{28}	15.2	X	29.78969	201.38678	74.78216	12.80325	0.0826814	0.18637514	3.0353636	21	8 16.8	19.3
353108 2009 FV_{1}	16.3	X	299.85102	140.08359	54.55757	14.77731	0.2050858	0.22829770	2.6513579	21	—	—
353109 2009 FV_{2}	15.9	X	44.92487	137.95340	165.08927	13.16183	0.0916952	0.19283517	2.9671891	21	10 12.7	19.9
353110 2009 FA_{3}	16.2	X	252.75627	80.76987	103.57180	7.67122	0.0212943	0.21524278	2.7575093	21	—	—
353111 2009 FR_{7}	16.2	X	238.30730	255.32662	159.15129	10.37391	0.0286537	0.18527885	3.0473253	21	7 13.3	20.7
353112 2009 FO_{8}	17.1	X	338.08333	20.05475	149.99601	4.37488	0.1531150	0.23360819	2.6110228	21	—	—
353113 2009 FV_{13}	17.5	X	303.19283	128.56611	327.01510	0.96357	0.1903955	0.21513832	2.7584018	21	11 17.4	20.3
353114 2009 FR_{14}	15.3	X	296.43045	262.61807	82.46063	15.14696	0.0143833	0.17866410	3.1220836	21	6 30.9	19.7
353115 2009 FW_{15}	17.0	X	182.45168	71.94157	165.71192	6.82622	0.0974097	0.21253398	2.7808899	21	12 21.9	21.4
353116 2009 FL_{19}	15.8	X	186.10577	88.28599	117.30775	6.30867	0.0635204	0.20572910	2.8418789	21	11 20.1	20.1
353117 2009 FE_{24}	16.3	X	229.26513	194.66808	28.29394	9.48627	0.1418727	0.22051151	2.7134086	21	—	—
353118 2009 FJ_{24}	16.1	X	303.57220	13.65460	112.60679	10.29316	0.1414001	0.22065879	2.7122011	21	—	—
353119 2009 FJ_{26}	16.2	X	300.18337	285.61970	106.55804	3.08006	0.1051999	0.19570498	2.9381106	21	8 26.9	19.8
353120 2009 FC_{37}	16.1	X	255.99496	54.49577	351.99571	9.83961	0.0604914	0.19189862	2.9768353	21	7 24.8	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353121 2009 FO_{37}	16.7	X	95.55688	234.49086	140.33257	6.20521	0.0500361	0.22336375	2.6902600	21	—	—
353122 2009 FF_{50}	16.6	X	352.03040	14.38107	88.13125	14.73782	0.2241629	0.22878848	2.6475649	21	—	—
353123 2009 FW_{50}	16.4	X	254.54077	32.58850	130.46056	4.77411	0.0381631	0.21235572	2.7824460	21	12 21.5	20.3
353124 2009 FZ_{50}	16.3	X	260.04657	156.16604	27.83995	14.98440	0.1229576	0.21784396	2.7355146	21	—	—
353125 2009 FK_{51}	17.2	X	84.97075	187.31781	168.14320	6.69051	0.0090261	0.21922974	2.7239747	21	—	—
353126 2009 FA_{58}	17.0	X	300.06128	286.74631	188.94329	3.62166	0.0548686	0.21362464	2.7714166	21	12 21.2	20.6
353127 2009 FR_{58}	16.9	X	76.39356	330.68420	17.02424	5.41749	0.0201586	0.21346190	2.7728250	21	—	—
353128 2009 FZ_{58}	16.5	X	351.34656	183.45968	197.56301	5.92209	0.0949938	0.20314061	2.8659694	21	11 3.6	19.8
353129 2009 FS_{59}	16.1	X	248.20565	122.24632	73.37373	13.25166	0.2172453	0.21965456	2.7204614	21	12 29.3	19.8
353130 2009 FU_{59}	16.1	X	38.29011	349.15502	128.12211	18.19900	0.1051387	0.23583287	2.5945766	21	1 14.8	19.1
353131 2009 FX_{61}	16.1	X	80.38753	241.46296	15.67452	8.38494	0.1202798	0.18992363	2.9974369	21	10 1.5	20.4
353132 2009 FS_{67}	16.3	X	36.48687	1.56757	26.54364	7.67293	0.0869621	0.21460295	2.7629875	21	—	—
353133 2009 FZ_{67}	16.8	X	150.57647	226.71359	50.06262	5.13395	0.0354784	0.21104800	2.7939281	21	—	—
353134 2009 FP_{71}	15.8	X	148.97470	152.94209	338.32105	9.03883	0.0435389	0.18172383	3.0869396	21	7 6.1	20.4
353135 2009 FR_{71}	16.9	X	19.67915	286.05821	160.11198	5.68905	0.0621804	0.22367238	2.6877847	21	—	—
353136 2009 FW_{75}	17.2	X	44.67969	329.26353	200.16477	7.96580	0.2086889	0.24537926	2.5268385	21	4 19.2	19.2
353137 2009 GU_{1}	17.4	X	8.73806	44.57691	46.68674	5.52288	0.0875422	0.22650377	2.6653388	21	—	—
353138 2009 GX_{4}	16.0	X	317.88612	292.92786	295.95609	11.87873	0.2142964	0.23635310	2.5907680	21	1 23.3	19.6
353139 2009 HG_{4}	16.3	X	23.16542	277.68880	50.91594	10.07943	0.0578785	0.19545533	2.9406118	21	10 12.1	20.2
353140 2009 HE_{5}	16.7	X	134.43749	209.36542	76.04725	4.89439	0.0721749	0.20950688	2.8076126	21	12 30.1	21.0
353141 2009 HK_{8}	16.3	X	186.84756	60.77871	119.84218	6.63379	0.0805657	0.19717382	2.9235008	21	10 20.7	20.8
353142 2009 HR_{8}	16.8	X	299.87949	38.62491	146.57222	7.94462	0.1957453	0.22423573	2.6832811	21	—	—
353143 2009 HT_{11}	16.2	X	47.74793	192.23938	90.94970	8.91116	0.0534132	0.18384230	3.0631793	21	9 16.6	20.5
353144 2009 HV_{12}	16.5	X	262.65389	310.63629	233.91773	2.48784	0.1129411	0.21635168	2.7480789	21	—	—
353145 2009 HJ_{16}	17.0	X	306.02880	325.31601	153.94872	8.61732	0.1530369	0.21655998	2.7463165	21	12 29.8	20.1
353146 2009 HS_{16}	16.7	X	217.53720	74.52475	88.28130	3.29153	0.0092321	0.20302961	2.8670139	21	11 8.3	20.7
353147 2009 HT_{26}	16.9	X	313.77536	288.44858	172.49866	2.31031	0.0674993	0.20900625	2.8120942	21	12 20.3	20.5
353148 2009 HU_{28}	16.7	X	313.51167	130.92071	60.08465	14.19537	0.2074354	0.23108948	2.6299608	21	—	—
353149 2009 HS_{34}	16.2	X	150.04065	192.02436	51.09418	9.32237	0.0316152	0.20534735	2.8454000	21	11 24.3	20.2
353150 2009 HH_{39}	16.2	X	59.49120	146.49255	138.91766	10.11875	0.0522501	0.18729692	3.0253964	21	10 3.9	20.5
353151 2009 HY_{41}	16.0	X	302.96723	19.88922	53.47473	14.63725	0.0917990	0.19948278	2.9008979	21	10 28.9	19.6
353152 2009 HM_{42}	15.8	X	259.70121	19.70360	66.49890	11.70031	0.0838718	0.19215753	2.9741608	21	9 19.2	20.1
353153 2009 HN_{48}	15.6	X	345.22781	184.26996	126.82724	10.81669	0.0588965	0.17743910	3.1364365	21	7 20.1	19.7
353154 2009 HT_{48}	16.3	X	196.88616	91.24026	145.98641	9.63438	0.1108524	0.20936659	2.8088667	21	—	—
353155 2009 HN_{63}	16.3	X	85.37824	139.76836	65.97280	2.81097	0.0974838	0.17905548	3.1175324	21	7 30.7	20.7
353156 2009 HK_{64}	15.9	X	143.38425	109.50921	58.98563	12.48822	0.1070162	0.18274634	3.0754140	21	8 24.0	20.9
353157 2009 HG_{65}	15.7	X	20.23163	199.54598	94.43647	12.07629	0.2047192	0.17852562	3.1236978	21	9 8.5	19.4
353158 2009 HY_{65}	15.9	X	100.60274	161.79640	84.78038	11.41227	0.2121327	0.18739212	3.0243717	21	10 23.6	20.9
353159 2009 HE_{70}	16.3	X	227.14880	80.84909	38.99305	11.01363	0.0728698	0.19232519	2.9724321	21	9 22.1	20.7
353160 2009 HW_{73}	15.5	X	51.75972	174.72147	94.53233	19.64374	0.2063910	0.18133283	3.0913755	21	10 2.7	20.0
353161 2009 HX_{84}	16.3	X	162.36499	63.62902	80.87079	9.00622	0.1855614	0.18523635	3.0477915	21	8 11.9	21.5
353162 2009 HT_{89}	15.6	X	139.99355	61.08326	91.93585	16.26845	0.0594756	0.17769720	3.1333987	21	7 23.9	20.3
353163 2009 HR_{100}	15.8	X	9.02054	226.90103	68.75240	12.50169	0.0558455	0.17719390	3.1393293	21	8 8.1	20.1
353164 2009 HE_{104}	16.3	X	174.35354	42.12067	129.35710	1.82179	0.1838707	0.19190145	2.9768061	21	9 21.8	21.3
353165 2009 HQ_{106}	16.9	X	358.02056	356.67972	163.12114	5.16279	0.1188733	0.23326651	2.6135719	21	1 5.1	20.1
353166 2009 JP_{6}	16.0	X	311.45320	219.67746	128.47879	10.18909	0.0958110	0.17498103	3.1657411	21	7 15.0	20.0
353167 2009 JU_{17}	15.8	X	43.10667	193.75819	113.52651	11.28294	0.0744955	0.18496863	3.0507316	21	10 15.0	20.1
353168 2009 KR_{3}	16.3	X	343.51005	224.31783	126.39137	11.24042	0.0743090	0.18265499	3.0764394	21	9 11.4	20.3
353169 2009 KE_{4}	15.4	X	61.57526	177.85741	62.49871	28.08621	0.0764683	0.17773637	3.1329383	21	8 21.0	20.3
353170 2009 KH_{6}	16.3	X	282.34202	243.30984	188.40331	2.74741	0.0177117	0.18983324	2.9983883	21	10 2.6	20.5
353171 2009 LU	16.1	X	106.45489	332.96469	230.12549	10.96631	0.2373745	0.18165758	3.0876901	21	8 30.4	21.3
353172 2009 LG_{3}	15.8	X	62.43687	111.74308	124.69636	10.53809	0.0379865	0.17610327	3.1522774	21	7 30.9	20.1
353173 2009 LZ_{4}	16.1	X	26.34669	181.26731	120.37854	10.19229	0.1058145	0.18010537	3.1054052	21	9 15.4	20.1
353174 2009 MQ_{1}	15.3	X	5.23399	213.65509	100.62624	13.83866	0.0629036	0.17882859	3.1201688	21	8 27.9	19.5
353175 2009 ML_{3}	15.5	X	346.95339	205.22820	128.18627	10.29856	0.0344344	0.17954562	3.1118561	21	8 23.1	19.7
353176 2009 MA_{7}	15.8	X	62.39951	344.80439	221.73149	14.11137	0.1864937	0.17125626	3.2114790	21	7 10.7	20.3
353177 2009 OF_{21}	15.5	X	86.30526	299.78777	321.62921	12.76337	0.2656557	0.17497925	3.1657626	21	10 21.1	20.8
353178 2009 QK_{59}	14.0	X	283.79224	34.89139	46.77511	3.35949	0.0450982	0.08437013	5.1484548	21	10 2.3	20.8
353179 2009 RA_{12}	13.7	X	265.60523	280.74657	191.30312	5.13539	0.0677443	0.08264243	5.2199619	21	10 11.7	20.6
353180 2009 RG_{14}	13.8	X	231.71987	139.11310	13.27475	7.24862	0.0107901	0.08507278	5.1200670	21	10 25.0	20.6
353181 2009 RW_{31}	13.9	X	290.61399	114.62019	341.13744	5.77526	0.1300792	0.08331254	5.1919338	21	10 12.4	20.6
353182 2009 RR_{63}	13.6	X	298.80038	66.48242	12.29638	13.55243	0.1206745	0.08238486	5.2308363	21	10 6.4	20.2
353183 2009 RF_{64}	14.1	X	326.83804	124.44276	295.58226	1.32454	0.0293880	0.08438334	5.1479174	21	10 28.3	20.8
353184 2009 RQ_{64}	14.0	X	274.97250	345.44531	126.55920	0.98215	0.0921967	0.08194964	5.2493399	21	10 19.0	20.9
353185 2009 RT_{64}	12.9	X	11.57515	320.24427	46.61223	7.97135	0.1264198	0.08282551	5.2122670	21	10 28.3	19.2
353186 2009 RR_{67}	14.1	X	316.47904	155.38598	268.70386	4.64907	0.1101579	0.08254628	5.2240145	21	10 12.3	20.7
353187 2009 RK_{68}	14.2	X	310.11397	210.24808	229.08306	0.64487	0.0348356	0.08398176	5.1643150	21	10 30.1	20.9
353188 2009 RR_{68}	13.8	X	261.64985	85.20215	36.14923	7.85574	0.0590887	0.08042699	5.3153864	21	10 18.9	20.8
353189 Iasus	13.2	X	315.80358	109.97620	313.73593	14.75423	0.1606985	0.08278505	5.2139648	21	9 30.5	19.7
353190 2009 ST	19.7	X	49.83553	270.10487	189.14994	10.89731	0.3690263	0.36033319	1.9558395	21	—	—
353191 2009 SJ_{48}	13.9	X	292.90976	122.43066	328.32759	3.56784	0.0442388	0.08080965	5.2985930	21	10 20.1	20.8
353192 2009 ST_{50}	13.6	X	311.67642	52.95145	6.30976	11.96598	0.0755389	0.08488551	5.1275947	21	10 5.4	20.1
353193 2009 SH_{58}	14.0	X	69.79187	54.61594	265.12957	6.17193	0.0269136	0.08486863	5.1282743	21	11 4.3	20.8
353194 2009 SM_{100}	13.4	X	260.53854	123.15929	358.08960	16.23070	0.0881181	0.08443383	5.1458651	21	10 10.1	20.4
353195 2009 SP_{119}	14.3	X	291.24300	214.80023	236.34320	4.75785	0.0448667	0.08481713	5.1303503	21	10 19.5	21.1
353196 2009 SF_{156}	14.2	X	318.18164	245.46654	188.42902	4.86545	0.0577448	0.08515353	5.1168297	21	11 1.8	20.8
353197 2009 SW_{185}	14.0	X	9.55004	321.03627	68.42246	6.40819	0.0371280	0.08634520	5.0696415	21	11 15.1	20.5
353198 2009 SB_{200}	13.9	X	266.22516	211.76075	274.85318	3.07224	0.1233595	0.08316832	5.1979341	21	10 20.0	20.9
353199 2009 SU_{211}	13.9	X	270.90445	53.93413	56.22557	8.23000	0.1093243	0.08177405	5.2568516	21	10 12.5	20.9
353200 2009 SA_{246}	13.4	X	286.29262	62.20410	33.64524	11.65800	0.0564436	0.08409054	5.1598603	21	10 19.4	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353201 2009 SP_{246}	13.2	X	294.77536	276.38369	178.55634	14.25679	0.0628217	0.08478067	5.1318210	21	10 28.9	19.9
353202 2009 SB_{254}	13.5	X	295.27395	226.61824	216.48680	7.87259	0.0507825	0.08062047	5.3068788	21	10 14.3	20.3
353203 2009 SJ_{264}	13.5	X	270.34291	305.70797	157.59878	8.51645	0.0455062	0.08198836	5.2476868	21	10 11.9	20.5
353204 2009 SR_{281}	13.6	X	316.84538	339.22994	87.76328	5.08137	0.0505938	0.08415340	5.1572905	21	10 25.1	20.2
353205 2009 SN_{318}	14.0	X	290.06138	342.63393	95.35065	2.15568	0.0653044	0.08057728	5.3087750	21	10 2.6	20.9
353206 2009 SY_{326}	17.8	X	102.25876	44.69153	37.66636	21.61639	0.1072206	0.36834470	1.9273759	21	2 26.8	20.1
353207 2009 SB_{330}	17.7	X	99.66299	255.70313	176.54850	23.37598	0.0813069	0.37351565	1.9095463	21	1 11.3	19.9
353208 2009 SZ_{353}	13.7	X	282.71943	277.66707	178.88279	11.47771	0.0328152	0.08200413	5.2470140	21	10 19.4	20.6
353209 2009 SC_{354}	13.7	X	346.33666	242.36010	146.71784	8.00144	0.0532126	0.08178862	5.2562273	21	10 19.4	20.4
353210 2009 SO_{355}	12.8	X	269.50094	194.87349	285.38200	10.29744	0.0452753	0.08355682	5.1818095	21	10 23.9	19.7
353211 2009 SQ_{355}	13.6	X	314.59157	83.52562	339.87596	4.93263	0.0698109	0.08067939	5.3042948	21	10 12.8	20.4
353212 2009 SB_{356}	13.9	X	296.49342	86.43547	353.53441	3.98233	0.0711932	0.08157245	5.2655093	21	10 9.9	20.7
353213 2009 SY_{356}	14.2	X	291.30008	42.25924	60.44657	7.90014	0.1322280	0.08240514	5.2299780	21	10 24.4	20.8
353214 2009 TA_{3}	17.1	X	42.64401	229.08950	289.33433	18.63018	0.0433603	0.37623593	1.9003308	21	2 8.7	18.9
353215 2009 TE_{12}	12.9	X	12.04048	155.32858	213.44817	22.42554	0.1213221	0.08189250	5.2517814	21	10 30.0	19.3
353216 2009 UQ_{16}	15.1	X	121.47525	262.25992	53.25561	13.31756	0.2468214	0.18436291	3.0574100	21	—	—
353217 2009 UG_{60}	14.0	X	286.43767	309.26930	132.44612	4.53131	0.0746768	0.08119047	5.2820116	21	10 2.0	20.9
353218 2009 UN_{67}	13.1	X	275.38104	48.19543	57.36265	13.51903	0.0335626	0.08139066	5.2733468	21	10 22.9	20.1
353219 2009 UZ_{91}	17.3	X	94.19389	207.26263	261.45285	17.83986	0.1117753	0.37519999	1.9038271	21	2 25.4	19.3
353220 2009 WM_{166}	17.5	X	250.16589	318.12277	105.21539	5.68783	0.0829762	0.30525313	2.1845532	21	8 8.1	20.0
353221 2009 YV	18.0	X	77.77274	339.13467	47.19301	22.10525	0.0829172	0.35553140	1.9734104	21	—	—
353222 2009 YD_{7}	9.8	X	2.08369	326.56496	126.10320	30.83907	0.8880210	0.00075652	119.2855534	21	2 23.5	22.2
353223 2010 AT_{4}	15.7	X	313.71316	274.18331	84.54254	13.86899	0.1990825	0.22896735	2.6461859	21	7 21.3	18.6
353224 2010 AP_{30}	17.7	X	133.02897	261.57125	283.61340	4.55344	0.1924253	0.29943986	2.2127362	21	9 6.7	21.1
353225 2010 AO_{32}	17.3	X	41.75497	79.12230	138.59471	5.41752	0.0873356	0.28515877	2.2860105	21	6 10.0	19.6
353226 2010 AF_{94}	16.8	X	57.47009	58.19362	313.50999	8.49850	0.0427970	0.23306279	2.6150947	21	—	—
353227 2010 AP_{119}	13.5	X	42.90353	240.13536	92.79069	7.74080	0.0793076	0.08273416	5.2161027	21	10 29.2	20.2
353228 2010 AC_{121}	13.0	X	298.40007	314.33034	132.18576	13.12847	0.0444320	0.08149988	5.2686346	21	10 27.9	20.0
353229 2010 AA_{122}	16.9	X	35.01908	91.66859	132.18714	22.46278	0.1680550	0.27483171	2.3429237	21	6 20.7	19.5
353230 2010 BJ_{35}	13.1	X	337.13777	91.29100	331.03413	9.70454	0.1266341	0.08324570	5.1947123	21	11 5.3	19.5
353231 2010 BA_{68}	16.3	X	219.55566	126.64551	140.81637	28.79521	0.0299360	0.24219480	2.5489394	21	—	—
353232 Nolwenn	16.5	X	313.00528	239.55992	338.03856	9.35318	0.1744699	0.26367136	2.4085781	21	1 5.4	20.0
353233 2010 CV_{40}	17.8	X	107.49937	335.08344	160.60344	8.21320	0.1776797	0.28046456	2.3114476	21	6 5.7	21.0
353234 2010 CT_{44}	17.5	X	172.29839	301.83280	130.58195	3.96731	0.1134158	0.28436394	2.2902683	21	5 16.9	20.7
353235 2010 CO_{47}	15.6	X	274.27280	224.69786	111.69257	18.40330	0.2123970	0.17698748	3.1417697	21	5 3.9	20.7
353236 2010 CL_{65}	18.0	X	128.04186	116.18731	36.51698	2.94240	0.1333528	0.28897993	2.2658140	21	7 17.9	21.1
353237 2010 CQ_{93}	17.9	X	84.57706	138.59997	100.86007	2.98279	0.0792405	0.29635370	2.2280716	21	9 19.3	20.6
353238 2010 CM_{94}	18.6	X	162.90447	204.56234	344.64442	6.25961	0.0810098	0.30480973	2.1866713	21	10 12.2	21.7
353239 2010 CN_{107}	17.4	X	249.96595	199.17438	164.12803	11.53416	0.0610361	0.28068046	2.3102622	21	5 17.2	20.6
353240 2010 CS_{107}	17.1	X	321.31369	283.25826	355.83620	5.06599	0.1718630	0.27247626	2.3564068	21	4 5.8	19.9
353241 2010 CA_{108}	17.6	X	174.89387	290.93475	143.60271	3.16783	0.1381798	0.28301093	2.2975620	21	5 23.2	21.0
353242 2010 CX_{120}	17.5	X	51.35763	212.82379	3.16574	5.41883	0.1599590	0.28460826	2.2889574	21	7 6.9	19.7
353243 2010 CZ_{123}	16.1	X	141.80429	146.43590	98.16875	13.02730	0.1571885	0.22106325	2.7088920	21	11 24.4	20.6
353244 2010 CF_{146}	17.6	X	126.14314	247.60578	328.63563	5.40636	0.1332304	0.29934031	2.2132268	21	10 8.1	20.8
353245 2010 CX_{170}	17.3	X	315.54837	279.38531	5.05739	3.54886	0.1801898	0.27174755	2.3606175	21	4 4.1	20.1
353246 2010 DX_{33}	16.9	X	203.39974	156.42197	148.87993	12.78623	0.1237848	0.23979225	2.5659368	21	1 10.4	21.0
353247 2010 DF_{54}	16.3	X	171.50017	188.34749	90.95253	8.92069	0.0750814	0.22712034	2.6605129	21	—	—
353248 2010 EV_{36}	16.8	X	150.40810	252.62719	68.44693	3.11167	0.1030116	0.24181995	2.5515728	21	—	—
353249 2010 EP_{37}	16.6	X	324.10979	207.87194	31.64763	7.98714	0.1288970	0.26129732	2.4231451	21	2 27.4	19.6
353250 2010 EX_{37}	16.6	X	343.25609	179.04708	20.04074	14.89846	0.0272103	0.25842865	2.4410440	21	2 19.0	19.9
353251 2010 EZ_{37}	16.6	X	172.53548	323.59063	44.62339	4.64870	0.1128824	0.25610209	2.4558055	21	2 25.7	20.2
353252 2010 EU_{39}	17.6	X	115.38637	323.34222	253.82768	1.62819	0.1710309	0.29625268	2.2285781	21	10 1.9	21.0
353253 2010 EQ_{42}	16.4	X	307.27935	333.25532	111.67669	6.50784	0.1470929	0.23410575	2.6073220	21	11 21.7	19.2
353254 2010 EG_{69}	17.6	X	320.50351	134.77393	138.05132	3.14612	0.1645721	0.26661069	2.3908427	21	3 31.2	20.2
353255 2010 ER_{69}	16.9	X	65.55077	295.80895	229.87114	5.76817	0.0713062	0.27567233	2.3381584	21	4 29.3	19.3
353256 2010 EE_{78}	16.3	X	279.62899	20.70439	24.77512	6.71489	0.0211384	0.21079905	2.7961274	21	8 30.4	20.1
353257 2010 EF_{81}	17.7	X	145.21804	95.37450	4.77440	5.66619	0.1152002	0.28180671	2.3041027	21	5 21.7	21.0
353258 2010 EJ_{83}	17.0	X	311.51674	160.97684	71.45900	3.42723	0.1478100	0.26034173	2.4290709	21	1 26.4	20.1
353259 2010 EK_{86}	17.6	X	24.44558	260.85044	358.69746	5.55812	0.1098228	0.28078500	2.3096887	21	7 18.1	19.8
353260 2010 EN_{105}	17.3	X	41.96617	215.28828	25.29933	5.14464	0.1042000	0.28329053	2.2960500	21	7 20.1	19.6
353261 2010 EA_{107}	17.1	X	342.41606	264.71646	9.48188	5.20355	0.2289202	0.27280244	2.3545281	21	4 27.7	18.9
353262 2010 ES_{107}	17.6	X	343.98592	28.68448	227.02222	2.51910	0.1366903	0.26956617	2.3733354	21	4 17.4	19.7
353263 2010 EE_{109}	17.5	X	32.23828	165.43415	70.39837	4.20500	0.1328453	0.27689597	2.3312649	21	6 26.0	19.4
353264 2010 EM_{111}	18.1	X	178.21138	338.06187	165.33411	2.26288	0.0753602	0.29472239	2.2362857	21	8 29.2	21.0
353265 2010 EC_{112}	17.9	X	128.83865	290.97671	230.63345	1.61313	0.1015371	0.28632924	2.2797764	21	7 26.9	20.8
353266 2010 EX_{112}	18.0	X	49.60238	59.00910	164.99435	1.66551	0.1392629	0.27927830	2.3179884	21	7 11.5	20.3
353267 2010 EY_{112}	17.5	X	87.43426	109.23216	41.66247	3.69474	0.0367546	0.27246770	2.3564562	21	5 6.7	20.0
353268 2010 ED_{126}	17.1	X	80.98085	288.45559	317.15162	6.03404	0.1368641	0.29335779	2.2432153	21	9 26.4	20.0
353269 2010 EB_{127}	17.0	X	36.95653	114.07533	97.96201	6.51351	0.0757386	0.27590167	2.3368625	21	5 23.5	19.5
353270 2010 EB_{135}	17.9	X	46.80259	30.45307	183.18822	6.23106	0.0548368	0.27733134	2.3288244	21	6 8.7	20.5
353271 2010 ER_{135}	17.5	X	82.82140	46.71991	74.06416	3.62475	0.1284263	0.26647454	2.3916570	21	4 3.8	20.1
353272 2010 EP_{142}	18.0	X	112.93351	57.40291	175.51172	5.62166	0.1210234	0.29728882	2.2233969	21	10 18.9	21.1
353273 2010 FM_{24}	18.0	X	124.05076	94.81647	119.67616	3.81940	0.1432657	0.29783950	2.2206555	21	10 8.3	21.2
353274 2010 FX_{27}	17.3	X	65.14740	171.90927	47.76059	8.08270	0.1630232	0.28431976	2.2905056	21	8 8.4	20.0
353275 2010 FQ_{55}	17.8	X	59.07144	191.36100	42.24136	2.99010	0.1684552	0.28369599	2.2938618	21	8 18.7	20.3
353276 2010 FL_{83}	17.4	X	348.26550	146.19329	120.04487	5.01620	0.1382881	0.27267791	2.3552449	21	5 14.5	19.6
353277 2010 FP_{84}	18.0	X	0.55637	198.62234	65.83765	3.02110	0.1798772	0.27493298	2.3423484	21	6 3.0	19.7
353278 2010 FS_{84}	17.3	X	5.48424	95.33229	187.62304	5.82580	0.2104129	0.27997262	2.3141544	21	7 19.8	18.8
353279 2010 FO_{91}	18.0	X	37.22419	37.89404	124.60765	2.46199	0.1124280	0.26508338	2.4000174	21	3 12.6	20.2
353280 2010 FY_{92}	17.6	X	313.19881	170.19209	92.40075	2.45850	0.1702727	0.26197970	2.4189355	21	3 6.2	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353281 2010 FN_{95}	17.3	X	283.37094	227.69288	68.26550	2.58155	0.0610938	0.26470917	2.4022787	21	3 28.2	20.2
353282 2010 GZ_{27}	17.7	X	183.08728	76.93426	2.47716	4.54238	0.0407068	0.27996502	2.3141963	21	6 4.5	20.8
353283 2010 GW_{30}	17.7	X	108.71625	38.66418	188.10515	3.11803	0.1099728	0.29591467	2.2302749	21	10 3.7	20.4
353284 2010 GH_{31}	17.3	X	304.72953	168.46407	91.96162	5.05520	0.2139095	0.26018535	2.4300441	21	2 15.3	20.6
353285 2010 GM_{35}	17.3	X	339.97183	188.71339	44.10178	10.60432	0.0739432	0.26566446	2.3965165	21	3 22.9	20.2
353286 2010 GM_{75}	17.0	X	318.48083	155.35240	115.80174	6.32509	0.2048752	0.26381541	2.4077013	21	3 21.3	19.9
353287 2010 GA_{78}	15.0	X	210.07307	126.37026	291.80871	20.21389	0.1121578	0.17267660	3.1938442	21	6 10.9	20.2
353288 2010 GO_{97}	16.1	X	32.28972	236.98851	102.64970	7.08627	0.0865374	0.21106845	2.7937476	21	11 12.9	19.7
353289 2010 GS_{106}	17.4	X	302.91227	10.62103	258.45433	1.55150	0.1890836	0.26077763	2.4263633	21	2 25.1	20.5
353290 2010 GB_{123}	16.7	X	167.31450	62.90550	193.28989	6.04716	0.0839664	0.22606315	2.6688010	21	12 31.3	20.8
353291 2010 GZ_{140}	17.5	X	128.05560	81.50543	359.15006	3.41146	0.0045074	0.26423425	2.4051563	21	3 22.1	20.4
353292 2010 GQ_{145}	17.8	X	149.50805	21.26444	168.79362	4.99736	0.0712029	0.29778897	2.2209067	21	9 29.8	20.7
353293 2010 GU_{145}	16.9	X	9.90392	305.36089	309.17025	9.86059	0.2151508	0.27419188	2.3465672	21	6 10.2	18.5
353294 2010 GR_{154}	15.7	X	4.31635	356.39237	272.17935	9.46039	0.1727937	0.17680192	3.1439676	21	6 23.4	19.1
353295 2010 GO_{155}	16.3	X	174.63437	143.70581	122.89500	12.23133	0.1903201	0.21819720	2.7325614	21	—	—
353296 2010 GC_{157}	17.4	X	43.08483	72.83803	174.40116	2.44084	0.1674413	0.27964310	2.3159720	21	8 9.9	19.6
353297 2010 HC_{21}	17.0	X	72.91268	312.98605	142.55135	11.61686	0.2068474	0.25655122	2.4529385	21	2 21.8	19.2
353298 2010 HC_{46}	15.7	X	31.58392	327.47454	280.27333	8.19437	0.1403056	0.17784975	3.1316066	21	7 13.1	19.5
353299 2010 HF_{77}	18.1	X	129.80579	340.63451	187.35889	5.80301	0.1101416	0.28679078	2.2773298	21	8 5.6	21.2
353300 2010 HN_{78}	17.1	X	23.01409	170.06268	76.85652	3.66599	0.1626415	0.27399886	2.3476691	21	6 28.0	18.8
353301 2010 HQ_{108}	17.6	X	25.74260	54.13385	159.82824	6.70614	0.0760850	0.26777782	2.3838905	21	5 8.3	20.2
353302 2010 HY_{108}	16.2	X	294.56271	99.57481	92.46033	14.16312	0.1026587	0.24027084	2.5625283	21	—	—
353303 2010 JV_{28}	17.3	X	277.37699	173.27846	108.24479	3.88985	0.1694798	0.25340354	2.4732096	21	2 18.3	20.9
353304 2010 JZ_{31}	16.8	X	350.30525	358.63682	244.66230	4.87510	0.1683739	0.26626758	2.3928962	21	4 4.8	19.2
353305 2010 JF_{34}	16.5	X	168.30275	270.60767	32.03499	11.42715	0.1947033	0.23205701	2.6226455	21	—	—
353306 2010 JW_{58}	15.6	X	52.16655	18.78335	282.97657	18.91296	0.1447961	0.19094794	2.9867077	21	10 17.3	20.1
353307 2010 JZ_{76}	16.1	X	134.59294	199.38737	91.49241	15.53000	0.1772495	0.22069308	2.7119202	21	—	—
353308 2010 JE_{77}	16.9	X	166.36642	18.07678	60.04740	5.22675	0.0732437	0.26955124	2.3734230	21	5 15.5	20.2
353309 2010 JC_{79}	16.3	X	70.24923	243.62796	109.54730	6.17004	0.1145143	0.21999455	2.7176578	21	—	—
353310 2010 JW_{114}	16.5	X	259.31084	280.08555	297.86289	3.04910	0.0975334	0.23972186	2.5664391	21	—	—
353311 2010 JW_{125}	15.3	X	340.67761	242.57680	84.66374	10.26062	0.0894281	0.17713535	3.1400210	21	8 4.8	19.3
353312 2010 JV_{127}	16.4	X	234.14590	315.35578	161.31894	8.63942	0.0632825	0.18818762	3.0158427	21	9 23.5	20.6
353313 2010 JL_{152}	16.0	X	281.29346	145.02721	67.07544	15.27216	0.0963992	0.24015534	2.5633499	21	—	—
353314 2010 JH_{161}	15.8	X	280.50020	92.62712	230.49949	14.99285	0.2492176	0.17447804	3.1718224	21	4 9.6	20.8
353315 2010 KM_{8}	17.9	X	11.55146	105.69499	141.64484	1.76395	0.1583090	0.27023629	2.3694103	21	6 1.7	19.7
353316 2010 KN_{17}	16.1	X	322.72403	9.01478	299.38831	7.53249	0.2997000	0.16926229	3.2366512	21	5 8.3	20.0
353317 2010 KY_{36}	17.7	X	39.38055	353.45119	253.73500	2.23239	0.1920115	0.27657858	2.3330481	21	8 6.8	19.8
353318 2010 KE_{51}	15.5	X	304.90364	226.65137	153.77444	14.72091	0.1282156	0.17688674	3.1429625	21	8 11.9	19.6
353319 2010 KO_{94}	15.6	X	353.57471	352.17966	319.40267	15.59408	0.1079140	0.17472441	3.1688401	21	8 3.5	19.5
353320 2010 LB	15.4	X	315.28074	53.43741	242.71536	26.87865	0.2495908	0.17399800	3.1776536	21	4 17.2	19.8
353321 2010 LW_{8}	17.7	X	43.12535	153.27806	87.43742	2.45491	0.1378888	0.28571460	2.2830448	21	7 26.9	19.7
353322 2010 LB_{10}	15.1	X	28.17672	349.92483	297.09915	15.98550	0.1851816	0.17878555	3.1206695	21	8 28.6	19.0
353323 2010 LH_{29}	16.5	X	48.48334	147.59239	109.89646	25.64587	0.1674356	0.28845883	2.2685420	21	9 15.6	19.7
353324 2010 LR_{34}	16.0	X	10.39480	348.05286	84.76110	22.88546	0.0306029	0.22674072	2.6634816	21	—	—
353325 2010 LQ_{63}	16.7	X	329.26872	352.76595	157.86419	11.51502	0.1480290	0.23918525	2.5702762	21	—	—
353326 2010 LR_{92}	15.6	X	19.04096	293.13268	351.07636	15.87240	0.2519906	0.17663226	3.1459805	21	8 27.4	18.8
353327 2010 LB_{104}	16.3	X	252.54129	70.14650	202.99281	6.30668	0.1038197	0.24378810	2.5378214	21	1 18.1	20.1
353328 2010 ME_{27}	15.8	X	63.99926	276.78247	335.26787	15.87568	0.1708907	0.17746136	3.1361742	21	9 8.2	20.1
353329 2010 MG_{44}	15.2	X	29.94077	350.77534	311.41582	17.32858	0.1145238	0.17790954	3.1309050	21	9 10.4	19.5
353330 2010 NT_{6}	16.4	X	212.04731	144.65602	118.13983	12.64254	0.1692478	0.22657782	2.6647581	21	—	—
353331 2010 NK_{17}	15.8	X	73.93864	274.88569	353.55956	10.31437	0.1571204	0.18094507	3.0957904	21	10 8.6	20.3
353332 2010 NX_{81}	15.8	X	155.31939	357.60704	273.69553	14.64548	0.1201610	0.21127978	2.7918843	21	—	—
353333 2010 OT_{71}	16.7	X	32.10123	317.68287	87.84845	6.87981	0.0876110	0.22967780	2.6407262	21	—	—
353334 2010 OY_{83}	16.4	X	20.41253	193.99119	249.45992	7.97768	0.1343267	0.23826153	2.5769150	21	—	—
353335 2010 PD_{12}	16.1	X	256.67701	262.42951	332.10880	10.23405	0.1440039	0.24144694	2.5542000	21	—	—
353336 2010 PG_{26}	14.1	X	311.04699	128.03466	293.12642	7.52208	0.0871158	0.08408577	5.1600556	21	10 2.6	20.8
353337 2010 PN_{42}	14.7	X	242.58385	5.30619	267.58467	3.37842	0.1535212	0.12592214	3.9421638	21	1 24.4	20.9
353338 2010 RP_{16}	15.9	X	80.17184	342.84707	305.90417	11.79259	0.1196944	0.19209363	2.9748203	21	11 4.0	20.5
353339 2010 RD_{69}	16.0	X	6.17010	327.33537	197.73064	15.09769	0.0810536	0.22760996	2.6566960	21	1 26.9	19.5
353340 2010 RL_{182}	15.4	X	68.53380	132.26957	155.51272	15.98422	0.1206022	0.17820213	3.1274769	21	10 27.7	20.1
353341 2010 TC_{133}	15.6	X	81.87946	92.56254	156.22162	11.83202	0.0586968	0.17305823	3.1891470	21	9 13.2	20.0
353342 2010 UJ_{77}	13.4	X	294.81940	159.70930	273.34484	10.71844	0.0270326	0.08405225	5.1614272	21	10 1.5	20.4
353343 2010 VD_{5}	13.4	X	248.44691	342.00564	138.45801	7.48716	0.0841633	0.08223366	5.2372460	21	10 2.7	20.5
353344 2010 VF_{21}	14.2	X	245.01071	248.56410	243.70638	1.62559	0.1129384	0.08274324	5.2157213	21	10 6.0	21.3
353345 2010 VM_{73}	17.6	X	316.13492	181.09466	217.09567	6.58988	0.1110751	0.26448986	2.4036065	21	10 6.8	20.0
353346 2010 VV_{78}	14.0	X	325.59868	316.44906	112.79247	8.54266	0.0886391	0.08487784	5.1279034	21	11 6.1	20.5
353347 2010 VB_{90}	13.7	X	48.13189	284.79369	48.00280	6.41312	0.0847709	0.08325989	5.1941222	21	11 2.5	20.3
353348 2010 VR_{100}	14.4	X	255.76897	101.43010	42.09834	1.56475	0.1600404	0.08232364	5.2334291	21	10 24.4	21.4
353349 2010 VT_{103}	13.8	X	260.53406	52.04161	82.42460	5.38458	0.0561338	0.08283625	5.2118163	21	11 2.4	20.7
353350 2010 VA_{116}	13.7	X	263.29170	157.15804	316.06559	6.19552	0.0581669	0.08109169	5.2863001	21	10 8.5	20.7
353351 2010 VO_{138}	13.6	X	271.60069	2.82864	100.39449	8.51807	0.0866895	0.08293178	5.2078132	21	10 9.9	20.5
353352 2010 VK_{165}	14.1	X	261.37152	82.42071	50.33138	6.95800	0.1437569	0.08419941	5.1554115	21	10 21.7	21.1
353353 2010 VS_{173}	13.7	X	286.85116	84.70080	14.15696	13.79746	0.1286310	0.08460014	5.1391189	21	10 12.7	20.4
353354 2010 VC_{181}	13.8	X	347.75274	253.96772	139.51660	1.78019	0.0608949	0.08209176	5.2432794	21	10 24.1	20.3
353355 2010 VQ_{184}	14.3	X	44.23096	56.82965	281.75116	1.47969	0.0419768	0.08328026	5.1932750	21	10 29.6	21.1
353356 2010 VZ_{214}	14.1	X	333.00276	186.24591	221.06147	6.83100	0.0889183	0.08446951	5.1444158	21	10 18.6	20.5
353357 2010 WD_{2}	14.3	X	337.75127	254.16034	151.85026	1.57672	0.1030362	0.08370992	5.1754893	21	10 24.0	20.5
353358 2010 WG_{54}	13.9	X	233.42072	228.95849	294.53126	5.22031	0.0679229	0.08252472	5.2249242	21	10 31.9	21.1
353359 2010 WN_{60}	13.3	X	305.95949	327.53688	112.36325	9.90796	0.0781476	0.08366591	5.1773044	21	10 25.8	20.0
353360 2010 WY_{67}	13.8	X	278.13241	186.67618	302.60854	4.11119	0.0034577	0.08567266	5.0961385	21	11 20.5	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353361 2010 XV_{24}	13.1	X	320.86298	315.62550	106.76216	16.18750	0.1053959	0.08304962	5.2028856	21	10 25.8	19.8
353362 2010 XS_{47}	13.7	X	309.39044	3.23199	64.21744	10.09333	0.0954541	0.08509968	5.1189878	21	10 14.3	20.2
353363 2010 XP_{50}	12.8	X	215.51655	310.65773	221.46099	24.94019	0.1126685	0.08331480	5.1918396	21	10 20.9	20.2
353364 2010 XC_{77}	13.2	X	354.26671	306.03834	87.16485	13.51799	0.1338425	0.08303242	5.2036043	21	11 5.7	19.5
353365 2011 FJ_{9}	16.5	X	6.64695	245.09026	71.13342	6.00722	0.1594455	0.22126897	2.7072126	21	9 11.8	19.3
353366 2011 FH_{48}	17.3	X	287.89733	227.33954	103.30948	7.92071	0.1560487	0.29575377	2.2310837	21	5 6.2	20.1
353367 2011 GG_{62}	17.4	X	236.51827	286.52255	57.00164	22.35798	0.0879959	0.38728650	1.8640082	21	3 30.9	20.1
353368 2011 GT_{62}	18.0	X	287.88129	22.39115	198.46879	22.84043	0.0374579	0.37019273	1.9209562	21	—	—
353369 2011 HK_{8}	17.8	X	254.74054	49.94226	216.81499	20.64785	0.0584168	0.37208397	1.9144414	21	—	—
353370 2011 HO_{26}	15.8	X	107.28065	230.74613	102.88546	13.59722	0.2818406	0.23926717	2.5696894	21	—	—
353371 2011 HL_{62}	17.4	X	260.27764	198.99611	76.56878	23.58660	0.0342557	0.37108858	1.9178633	21	1 9.2	19.7
353372 2011 KG_{8}	17.6	X	280.86073	227.69274	92.85946	6.31978	0.1668142	0.28715306	2.2754139	21	4 12.4	20.7
353373 2011 KS_{16}	15.8	X	123.40505	214.64500	139.58839	22.75061	0.3011720	0.24542590	2.5265183	21	1 9.2	19.5
353374 2011 KA_{20}	17.3	X	115.08446	279.19631	116.44033	23.70296	0.1249056	0.36236396	1.9485253	21	—	—
353375 2011 KT_{47}	17.0	X	205.79532	68.00651	269.29159	3.40835	0.2017656	0.25908412	2.4369251	21	2 18.3	21.0
353376 2011 LD_{8}	17.1	X	244.14934	143.50262	120.92851	24.49331	0.0516900	0.36044766	1.9554254	21	—	—
353377 2011 LE_{18}	16.5	X	350.33087	75.28867	308.43436	11.71768	0.2146590	0.20379008	2.8598770	21	11 7.9	19.6
353378 2011 LG_{19}	15.6	X	338.75502	47.63474	261.41844	10.69094	0.1398931	0.18395591	3.0619180	21	7 1.4	19.2
353379 2011 LO_{28}	17.0	X	82.12488	33.91440	302.37641	0.70183	0.2862306	0.21949826	2.7217527	21	—	—
353380 2011 MB	17.6	X	261.97445	231.12059	110.02755	23.53518	0.0850349	0.38628005	1.8672445	21	4 29.3	20.4
353381 2011 MA_{1}	17.8	X	335.18853	192.65521	113.15150	4.75717	0.1597446	0.29100066	2.2553125	21	6 15.6	19.4
353382 2011 MJ_{7}	15.9	X	42.75494	95.79861	264.60261	23.68258	0.2014203	0.21860975	2.7291225	21	—	—
353383 2011 MO_{7}	17.4	X	99.23758	335.46755	342.73610	1.68488	0.2011463	0.22916063	2.6446978	21	—	—
353384 2011 MT_{8}	16.4	X	34.45217	52.12809	293.67501	8.33826	0.3380379	0.21123493	2.7922795	21	12 28.8	20.2
353385 2011 NK_{1}	17.2	X	197.48440	287.43155	48.95520	3.15489	0.2173103	0.25442734	2.4665705	21	2 14.2	21.4
353386 2011 NX_{3}	17.3	X	326.81988	294.62782	9.96936	2.99761	0.2205136	0.27857902	2.3218658	21	5 15.5	19.5
353387 2011 NY_{3}	15.9	X	317.71634	301.77958	32.49074	9.70106	0.0691290	0.17831168	3.1261959	21	7 10.9	20.2
353388 2011 OL_{1}	16.2	X	152.94957	11.20622	281.28779	10.59637	0.0645248	0.23278269	2.6171921	21	—	—
353389 2011 OY_{3}	17.5	X	257.91824	21.00094	300.30874	5.97863	0.1274474	0.27164859	2.3611908	21	3 18.1	20.9
353390 2011 OB_{4}	17.4	X	28.00950	321.75409	277.37169	5.73715	0.0813303	0.28850707	2.2682891	21	6 17.3	19.4
353391 2011 ON_{12}	17.1	X	191.41742	65.99815	294.12403	6.10985	0.1247019	0.26282441	2.4137498	21	3 1.8	20.8
353392 2011 OP_{17}	16.1	X	217.62394	107.10030	184.20385	8.19118	0.1955156	0.25408056	2.4688143	21	1 5.2	20.4
353393 2011 OC_{20}	17.0	X	76.47087	66.88540	308.26589	13.05907	0.2664642	0.22875664	2.6478106	21	—	—
353394 2011 OY_{20}	17.8	X	6.46086	340.83924	323.91920	5.30520	0.2101661	0.29817953	2.2189669	21	9 4.5	18.9
353395 2011 OJ_{23}	17.6	X	290.88016	31.98543	309.55119	6.36152	0.1275666	0.28328222	2.2960949	21	5 27.3	20.3
353396 2011 OO_{28}	17.4	X	226.08936	292.53877	36.64854	2.15512	0.1988603	0.26312333	2.4119213	21	2 27.1	21.3
353397 2011 OG_{39}	16.5	X	206.31217	243.84173	92.46546	10.27092	0.2110320	0.25649999	2.4532651	21	2 23.0	20.8
353398 2011 PR	17.9	X	21.52624	92.84846	125.28762	24.39436	0.0744330	0.37809985	1.8940802	21	5 5.1	20.2
353399 2011 PF_{5}	16.9	X	269.00361	44.68188	281.55862	5.40665	0.1966786	0.27119078	2.3638474	21	3 29.6	20.5
353400 2011 PN_{7}	17.9	X	85.80488	290.12586	288.41112	2.88948	0.0781398	0.29153996	2.2525304	21	8 18.3	20.5
353401 2011 PV_{8}	16.7	X	13.99308	76.99967	325.63291	7.25595	0.1556751	0.21637699	2.7478646	21	—	—
353402 2011 PS_{10}	16.2	X	265.70503	9.25664	22.13093	10.26943	0.1115542	0.18982696	2.9984544	21	7 8.6	20.6
353403 2011 PM_{13}	17.0	X	129.60499	300.93029	70.73440	4.13414	0.1838544	0.24502495	2.5292738	21	1 22.7	20.4
353404 2011 PR_{13}	15.8	X	39.70036	319.38026	313.66536	8.61501	0.0956424	0.19091862	2.9870136	21	8 23.1	19.7
353405 2011 PH_{15}	16.7	X	234.97833	242.17366	64.24546	6.94242	0.1139403	0.25307819	2.4753288	21	2 12.7	20.5
353406 2011 PK_{15}	15.1	X	331.11071	344.45923	301.47320	12.21020	0.0394690	0.18014891	3.1049048	21	5 27.6	19.4
353407 2011 QZ	17.0	X	132.35155	31.23960	307.75871	14.26201	0.0979466	0.23760126	2.5816868	21	—	—
353408 2011 QR_{1}	17.4	X	38.33306	61.14549	303.87379	3.62413	0.1676098	0.21479587	2.7613329	21	—	—
353409 2011 QW_{3}	16.9	X	64.56906	16.46327	335.20063	8.09167	0.1735278	0.21946571	2.7220218	21	—	—
353410 2011 QX_{3}	16.8	X	95.50010	290.49586	173.24812	7.43111	0.0961873	0.25686516	2.4509395	21	3 24.9	19.8
353411 2011 QZ_{8}	17.1	X	114.21400	181.94709	167.93134	7.32335	0.1683313	0.23283399	2.6168076	21	—	—
353412 2011 QH_{13}	15.4	X	332.09380	3.02367	303.99050	16.52324	0.1403751	0.18563253	3.0434534	21	6 18.7	19.2
353413 2011 QJ_{14}	17.5	X	313.01856	208.72316	126.01994	6.45819	0.2246397	0.28725086	2.2748975	21	6 6.8	19.7
353414 2011 QO_{14}	16.6	X	113.46739	244.52407	154.22132	14.20930	0.0828457	0.24654371	2.5188759	21	1 19.8	19.9
353415 2011 QY_{16}	16.8	X	189.79350	53.54936	323.30897	6.03134	0.1313380	0.26074725	2.4265517	21	3 22.1	20.6
353416 2011 QG_{17}	15.8	X	303.20056	159.18341	163.97927	9.14600	0.1794230	0.18096069	3.0956123	21	5 20.9	20.0
353417 2011 QG_{18}	17.3	X	228.57542	186.04171	137.46466	2.30860	0.1941072	0.26141974	2.4223885	21	2 21.9	21.3
353418 2011 QO_{18}	16.7	X	124.82782	86.37426	284.99756	14.22606	0.1519221	0.24289814	2.5440165	21	1 11.0	20.0
353419 2011 QK_{22}	16.6	X	292.14968	54.82800	247.68142	6.08558	0.1188702	0.27183230	2.3601268	21	4 4.4	19.8
353420 2011 QL_{22}	16.3	X	126.01098	0.25410	312.22841	12.44810	0.1970861	0.22865609	2.6485867	21	—	—
353421 2011 QL_{23}	17.2	X	132.40984	84.52968	289.14848	13.78148	0.1487755	0.24565501	2.5249472	21	1 21.4	20.6
353422 2011 QU_{23}	16.7	X	339.75712	273.27135	174.88617	6.78977	0.0959020	0.22046671	2.7137763	21	—	—
353423 2011 QU_{27}	16.9	X	262.85571	173.36731	189.19614	2.85644	0.3129447	0.17714368	3.1399226	21	5 6.8	22.0
353424 2011 QL_{32}	17.7	X	263.91774	238.21805	76.08066	2.53047	0.1946767	0.26719836	2.3873359	21	3 14.3	21.4
353425 2011 QX_{40}	16.8	X	73.14946	21.67447	315.31609	14.82680	0.1212480	0.21808496	2.7334989	21	—	—
353426 2011 QP_{43}	16.9	X	205.46692	154.62457	188.48960	6.67480	0.1603630	0.25867326	2.4395049	21	2 24.5	20.9
353427 2011 QR_{43}	15.8	X	246.66924	87.95555	301.65937	15.51150	0.2557078	0.17352081	3.1834767	21	5 28.7	21.3
353428 2011 QN_{44}	16.2	X	310.86839	59.66059	309.01442	9.36934	0.0992236	0.19258606	2.9697472	21	8 10.3	20.0
353429 2011 QP_{46}	16.3	X	62.92587	48.31244	286.55881	12.39560	0.1416431	0.21491131	2.7603440	21	12 22.0	20.2
353430 2011 QQ_{50}	17.2	X	284.35744	208.81419	112.18985	7.50059	0.1329862	0.27610726	2.3357023	21	4 23.6	20.3
353431 2011 QD_{51}	17.6	X	324.72515	290.63426	338.69038	1.93239	0.1331206	0.27078363	2.3662163	21	4 4.3	20.3
353432 2011 QC_{54}	16.6	X	222.97275	64.26313	267.55537	7.84793	0.0889142	0.25933650	2.4353439	21	2 25.2	20.2
353433 2011 QX_{56}	15.4	X	253.36400	30.09696	330.90498	19.59395	0.1565884	0.17520910	3.1629933	21	5 2.1	20.7
353434 2011 QC_{60}	17.0	X	70.30881	283.96045	241.32250	5.39397	0.0595831	0.26900388	2.3766416	21	5 5.2	19.8
353435 2011 QK_{60}	17.5	X	82.33678	312.58816	284.95079	5.58820	0.0713940	0.29569435	2.2313825	21	9 7.3	20.3
353436 2011 QW_{62}	17.2	X	109.59031	201.46524	340.89371	6.93579	0.0530840	0.28560242	2.2836425	21	7 28.3	20.0
353437 2011 QP_{63}	15.6	X	244.64250	139.15226	212.37384	8.78829	0.1051141	0.17018749	3.2249103	21	4 25.8	20.6
353438 2011 QJ_{67}	16.3	X	300.67340	167.77986	159.18568	11.58083	0.1889210	0.18315344	3.0708551	21	5 21.4	20.6
353439 2011 QT_{68}	16.4	X	268.35895	81.78098	307.79503	12.80319	0.2273030	0.18257578	3.0773291	21	6 23.4	21.2
353440 2011 QS_{70}	17.3	X	69.14357	309.40526	327.44633	5.82327	0.1289534	0.30721071	2.1752632	21	10 25.8	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353441 2011 QW_{70}	16.7	X	94.49227	150.55665	276.84716	7.44617	0.1858765	0.24531435	2.5272842	21	2 14.2	19.8
353442 2011 QD_{73}	17.0	X	174.84205	107.35038	284.32993	4.09474	0.0945375	0.26252059	2.4156117	21	3 23.6	20.6
353443 2011 QW_{75}	17.4	X	177.60654	269.42508	154.73315	6.75843	0.1085984	0.27294583	2.3537034	21	5 12.9	20.9
353444 2011 QU_{76}	16.6	X	43.83597	176.29569	342.12495	12.06285	0.1226295	0.25801627	2.4436443	21	3 17.2	18.9
353445 2011 QS_{78}	16.6	X	89.12544	137.15577	338.76395	6.10823	0.0985242	0.25938922	2.4350139	21	3 29.7	19.4
353446 2011 QZ_{90}	16.6	X	317.81544	135.08818	311.77868	12.48991	0.0708210	0.21663306	2.7456988	21	12 9.4	20.2
353447 2011 QB_{93}	16.9	X	0.57756	100.69567	315.10211	7.10232	0.1955939	0.21287934	2.7778815	21	—	—
353448 2011 QZ_{97}	16.6	X	308.32839	207.30042	72.09946	7.42103	0.1125231	0.26908000	2.3761933	21	4 2.5	19.6
353449 2011 QP_{98}	15.7	X	251.66385	242.67877	104.56156	13.48017	0.1717428	0.17387430	3.1791605	21	4 27.1	20.9
353450 2011 QU_{98}	16.6	X	254.25858	199.84935	72.59058	7.57029	0.1030075	0.25012134	2.4947990	21	1 20.7	20.3
353451 2011 QZ_{98}	15.8	X	262.27154	284.74430	139.40220	9.02082	0.0410483	0.19063169	2.9900101	21	8 25.4	19.8
353452 2011 RW_{2}	16.8	X	27.26715	103.86468	345.00705	14.31782	0.0578444	0.23399886	2.6081159	21	—	—
353453 2011 RC_{4}	17.6	X	77.88373	132.51282	150.01360	4.45801	0.1803807	0.30711030	2.1757373	21	11 22.6	20.6
353454 2011 RY_{9}	15.6	X	250.73210	58.16984	324.85203	9.36836	0.1131158	0.17790739	3.1309302	21	6 8.2	20.4
353455 2011 RE_{10}	17.0	X	14.67178	186.04227	223.31011	3.07251	0.1620170	0.21720028	2.7409164	21	—	—
353456 2011 RR_{11}	16.6	X	51.47664	139.15203	212.19575	2.33527	0.1025274	0.21316200	2.7754252	21	12 22.9	20.3
353457 2011 RG_{13}	16.4	X	243.16259	286.08323	129.23052	13.04378	0.0402074	0.17725055	3.1386603	21	7 19.4	20.9
353458 2011 RZ_{14}	15.8	X	234.63377	144.55128	323.59851	8.17515	0.0528243	0.19660307	2.9291561	21	9 11.8	20.1
353459 2011 RK_{16}	17.1	X	245.90411	233.33533	121.25847	4.55791	0.1959498	0.27148656	2.3621302	21	4 17.8	20.8
353460 2011 RC_{19}	16.6	X	66.24642	18.52723	326.45729	5.76787	0.0598415	0.21638806	2.7477709	21	12 28.0	20.5
353461 2011 RD_{19}	16.3	X	312.65105	227.83881	204.22843	3.81797	0.0940941	0.20348981	2.8626896	21	11 9.0	19.8
353462 2011 RW_{19}	16.7	X	201.71639	297.29992	34.70816	6.48424	0.1430501	0.25611121	2.4557472	21	2 11.7	20.6
353463 2011 SP	17.9	X	333.46329	22.68152	295.06798	2.07766	0.1800348	0.28742971	2.2739537	21	6 29.5	19.5
353464 2011 SS_{1}	16.8	X	218.12000	253.49522	183.20755	9.81533	0.2168978	0.17788395	3.1312052	21	7 3.4	22.2
353465 2011 SG_{2}	17.3	X	18.18744	49.34186	341.58583	4.33477	0.0759232	0.21543086	2.7559042	21	12 26.3	20.8
353466 2011 SE_{4}	15.4	X	315.76530	52.90992	258.62916	16.75840	0.1921287	0.18129754	3.0917766	21	5 19.3	19.3
353467 2011 SU_{9}	16.2	X	299.03028	126.95047	195.59977	9.89435	0.0735037	0.17706229	3.1408847	21	5 29.3	20.6
353468 2011 SG_{11}	17.0	X	41.80571	239.99019	319.56274	7.79888	0.1095245	0.26752336	2.3854020	21	5 12.3	19.6
353469 2011 SW_{13}	18.0	X	63.11042	285.49763	341.32294	5.03812	0.1485958	0.29987298	2.2106051	21	10 6.9	20.6
353470 2011 SV_{19}	17.4	X	254.82692	335.54205	354.62862	0.76992	0.1998846	0.26571783	2.3961955	21	3 24.0	21.2
353471 2011 SN_{27}	16.3	X	282.70489	67.54207	301.76768	8.36161	0.3122564	0.18148879	3.0896042	21	5 31.8	21.0
353472 2011 SV_{27}	16.7	X	267.10677	209.11266	151.36024	7.41343	0.1738236	0.27544739	2.3394312	21	5 19.7	20.0
353473 2011 SF_{28}	16.4	X	73.36739	328.10704	4.59366	10.05360	0.2525177	0.21976695	2.7195338	21	—	—
353474 2011 SP_{28}	16.8	X	251.30937	32.43660	299.66180	4.98855	0.2201228	0.26522968	2.3991347	21	3 19.5	20.7
353475 2011 SZ_{29}	15.6	X	98.65082	168.97592	36.43863	17.67262	0.1183719	0.17540764	3.1606061	21	8 26.3	20.6
353476 2011 ST_{35}	16.7	X	329.75820	339.51279	113.21950	1.67012	0.0393787	0.21250766	2.7811195	21	—	—
353477 2011 SG_{36}	16.0	X	240.91143	207.50464	184.40189	10.83223	0.1091597	0.17129173	3.2110356	21	6 10.5	21.0
353478 2011 SM_{37}	15.7	X	136.12444	262.22077	196.24144	10.91118	0.1107193	0.15564033	3.4228507	21	5 18.4	21.0
353479 2011 ST_{37}	15.8	X	222.03340	58.09668	37.83549	10.16495	0.0630192	0.17976809	3.1092882	21	8 17.2	20.5
353480 2011 SA_{40}	16.6	X	324.69759	262.03816	162.63434	2.28903	0.0488827	0.20331604	2.8643205	21	11 19.5	20.3
353481 2011 SR_{40}	16.4	X	119.36646	42.70136	336.48272	12.73532	0.1990709	0.23423894	2.6063335	21	1 26.4	20.0
353482 2011 SD_{45}	17.9	X	82.71249	310.46421	291.15578	2.43393	0.1282429	0.29683020	2.2256865	21	9 23.7	20.6
353483 2011 SS_{51}	17.1	X	29.70652	318.59284	317.33086	6.38881	0.1040408	0.28622120	2.2803500	21	8 20.5	19.3
353484 2011 SY_{57}	16.9	X	83.38641	289.62612	123.59707	4.67465	0.0218134	0.23495015	2.6010712	21	—	—
353485 2011 SA_{61}	17.1	X	262.12562	154.49979	145.80412	1.88355	0.1825309	0.26065693	2.4271123	21	2 23.7	20.9
353486 2011 SO_{63}	16.2	X	254.97338	30.35848	353.21951	8.63733	0.2787904	0.17516832	3.1634842	21	5 25.7	21.6
353487 2011 SB_{64}	16.0	X	278.74635	11.90275	0.08486	9.95284	0.0562668	0.17850992	3.1238810	21	7 8.6	20.5
353488 2011 SF_{65}	16.2	X	262.20797	82.16617	299.69607	7.34992	0.0929470	0.17654749	3.1469874	21	6 23.6	20.8
353489 2011 ST_{70}	16.0	X	344.40655	265.56048	131.40585	2.94333	0.0454683	0.20273861	2.8697567	21	11 12.1	19.6
353490 2011 SP_{71}	16.6	X	76.68055	108.75238	313.73686	8.63760	0.0655241	0.23895738	2.5719099	21	—	—
353491 2011 SZ_{71}	17.0	X	278.53151	355.40974	294.03166	4.30146	0.1713868	0.26394993	2.4068832	21	2 25.1	20.4
353492 2011 SJ_{72}	17.3	X	320.87231	93.41411	192.77404	5.97503	0.0925239	0.27367921	2.3494967	21	5 1.1	19.8
353493 2011 SP_{74}	15.8	X	323.25349	321.47860	343.65655	8.39020	0.0112833	0.17630791	3.1498377	21	6 14.9	20.4
353494 2011 SL_{80}	17.4	X	80.77221	211.93385	345.01033	5.07507	0.1059269	0.28022910	2.3127422	21	7 16.5	20.1
353495 2011 SQ_{82}	17.4	X	205.83954	193.40892	198.82051	3.35640	0.1416172	0.26605316	2.3941817	21	4 29.1	21.0
353496 2011 SU_{82}	16.2	X	274.34983	234.28925	176.99522	4.87354	0.1465372	0.18147448	3.0897666	21	8 6.3	20.5
353497 2011 SB_{84}	16.1	X	281.79831	208.53345	176.84137	6.60255	0.1646904	0.18356161	3.0663012	21	7 10.9	20.4
353498 2011 SA_{85}	16.4	X	158.38685	124.93810	112.30385	3.17281	0.0121941	0.20334264	2.8640708	21	11 27.9	20.4
353499 2011 SF_{86}	17.1	X	292.23154	208.77196	90.48114	4.57143	0.2047755	0.26517969	2.3994362	21	3 24.8	20.5
353500 2011 SK_{86}	16.1	X	254.62919	72.99904	114.87204	5.18532	0.0261896	0.21554207	2.7549561	21	—	—
353501 2011 SJ_{88}	16.7	X	122.00762	346.91448	301.27012	3.40452	0.0373840	0.21138205	2.7909838	21	12 19.1	20.7
353502 2011 SZ_{88}	16.1	X	104.16849	293.92179	2.58945	12.65982	0.1614829	0.21347405	2.7727198	21	12 17.9	20.8
353503 2011 SP_{89}	16.1	X	231.75941	212.72371	213.92892	9.77764	0.0817410	0.17706428	3.1408612	21	7 13.7	21.0
353504 2011 SK_{90}	16.3	X	23.99235	157.34640	227.83701	4.85196	0.0649994	0.20945635	2.8080642	21	12 23.6	19.9
353505 2011 SY_{90}	16.7	X	184.92553	24.36720	304.29200	1.78900	0.0543279	0.24067302	2.5596727	21	1 16.5	20.0
353506 2011 SD_{92}	16.2	X	66.54639	340.84924	12.62975	5.17528	0.1310851	0.21320387	2.7750618	21	—	—
353507 2011 SW_{97}	15.9	X	303.74471	5.79757	12.28653	11.20070	0.1195653	0.18764865	3.0216147	21	8 14.6	19.9
353508 2011 SG_{98}	17.1	X	47.10964	203.29283	8.05703	6.76047	0.0614583	0.27217643	2.3581370	21	6 4.7	19.9
353509 2011 SA_{100}	16.1	X	348.31069	284.01736	139.68087	6.63128	0.0310335	0.21218381	2.7839487	21	12 21.7	19.9
353510 2011 SR_{100}	17.6	X	45.35938	145.37847	25.91717	1.89840	0.1253521	0.26101141	2.4249143	21	4 11.1	19.9
353511 2011 SA_{111}	16.2	X	307.68969	19.90526	304.74951	9.60799	0.1299178	0.18134744	3.0912094	21	6 2.8	20.4
353512 2011 SK_{111}	17.1	X	203.52644	331.02426	18.09393	6.87848	0.1358850	0.25603780	2.4562166	21	3 5.9	21.0
353513 2011 SR_{111}	16.1	X	284.48270	91.17485	289.08401	8.87021	0.1269268	0.18291693	3.0735016	21	7 14.4	20.4
353514 2011 SV_{113}	16.7	X	94.35417	320.56601	5.87375	7.06520	0.0729326	0.22018107	2.7161227	21	—	—
353515 2011 SE_{115}	15.7	X	328.05777	151.49089	186.92841	12.26236	0.1392254	0.18671847	3.0316416	21	7 21.5	19.6
353516 2011 SV_{116}	17.1	X	268.52426	172.69998	161.13942	5.82893	0.1260844	0.27155559	2.3617298	21	4 21.1	20.3
353517 2011 SE_{120}	16.5	X	1.00408	308.80110	126.45458	3.58905	0.1666743	0.21765511	2.7370967	21	—	—
353518 2011 SZ_{121}	16.8	X	297.30977	263.08623	116.49198	1.64833	0.1242952	0.18460956	3.0546861	21	8 1.4	20.8
353519 2011 SS_{123}	16.6	X	246.52886	264.17838	184.81643	0.70384	0.0348695	0.18463290	3.0544287	21	9 5.8	20.8
353520 2011 SS_{126}	16.5	X	41.46277	345.10975	35.06673	4.85697	0.0782587	0.21395628	2.7685520	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353521 2011 SE_{128}	16.1	X	200.00929	310.07052	172.57867	5.65697	0.0529812	0.18289307	3.0737689	21	8 20.9	20.7
353522 2011 SW_{128}	16.8	X	263.12037	275.57886	146.26355	3.74176	0.1906075	0.18187851	3.0851891	21	7 31.7	21.4
353523 2011 SM_{131}	17.1	X	303.01979	194.90663	81.33622	3.10681	0.1965832	0.26437004	2.4043327	21	3 7.5	20.2
353524 2011 SJ_{133}	17.0	X	274.56342	288.40396	147.08768	3.81713	0.0874487	0.19069950	2.9893012	21	9 18.4	21.0
353525 2011 SB_{136}	16.5	X	102.78758	122.44331	212.21378	6.79103	0.1368389	0.22126139	2.7072745	21	—	—
353526 2011 SO_{136}	16.7	X	47.11214	42.86634	314.47602	2.78562	0.1095875	0.21276348	2.7788898	21	12 26.0	20.4
353527 2011 SF_{139}	17.1	X	261.65789	245.95011	10.32646	9.90302	0.0636776	0.24548467	2.5261151	21	1 13.3	20.9
353528 2011 SH_{141}	16.8	X	142.75425	99.61709	190.28686	4.56150	0.0907353	0.21996836	2.7178735	21	—	—
353529 2011 SQ_{142}	16.7	X	83.30154	294.28865	25.16824	4.00510	0.0931247	0.21104409	2.7939626	21	12 18.7	20.8
353530 2011 SE_{143}	15.6	X	86.93149	173.64164	24.11980	17.55404	0.0545374	0.17469459	3.1692007	21	7 19.8	20.4
353531 2011 SY_{143}	15.6	X	240.80113	18.93389	21.70193	16.23813	0.0846174	0.17274873	3.1929551	21	6 22.2	20.6
353532 2011 SC_{156}	16.7	X	336.04157	20.85646	30.70696	6.42652	0.0542822	0.20632601	2.8363951	21	11 17.7	20.3
353533 2011 SU_{157}	16.4	X	293.71187	148.84516	206.79751	4.20934	0.1706117	0.17899085	3.1182828	21	6 18.3	20.6
353534 2011 SU_{158}	16.3	X	294.87981	56.20719	344.18352	9.47569	0.0952167	0.18772386	3.0208076	21	8 30.4	20.2
353535 2011 SY_{166}	16.8	X	21.54185	234.71738	112.62251	3.05298	0.0853633	0.20413236	2.8566792	21	11 5.1	20.3
353536 2011 ST_{170}	16.5	X	155.15194	268.17072	5.04351	3.49017	0.0594212	0.21393715	2.7687171	21	—	—
353537 2011 SQ_{171}	16.5	X	278.08469	4.60024	227.12447	6.74314	0.1413396	0.23652013	2.5895481	21	—	—
353538 2011 SS_{171}	16.7	X	196.56760	229.38486	354.08132	3.65300	0.0443284	0.21004625	2.8028042	21	12 24.3	20.6
353539 2011 SU_{173}	17.3	X	269.46568	188.09199	127.79994	2.25011	0.1541449	0.26600483	2.3944717	21	3 25.7	20.8
353540 2011 SY_{174}	16.5	X	217.08997	254.14722	189.49669	9.91783	0.0947825	0.17867335	3.1219758	21	7 17.9	21.4
353541 2011 SE_{175}	16.6	X	22.40646	355.87502	30.39754	4.66323	0.1124038	0.21158284	2.7892178	21	12 30.4	20.2
353542 2011 SF_{175}	16.2	X	198.69754	52.55662	31.16146	5.39598	0.1708301	0.17167215	3.2062902	21	6 28.3	21.5
353543 2011 SA_{176}	16.0	X	258.07942	49.64975	326.60869	7.24830	0.2541997	0.17440760	3.1726764	21	5 22.3	21.2
353544 2011 SA_{179}	16.7	X	93.32798	349.65339	344.83720	4.43130	0.1180838	0.21809703	2.7333981	21	—	—
353545 2011 SE_{180}	16.5	X	117.09716	111.13651	211.93087	6.26879	0.0555044	0.21983207	2.7189967	21	—	—
353546 2011 SS_{181}	16.7	X	94.74453	47.44289	280.62778	2.76555	0.0974026	0.21438426	2.7648662	21	—	—
353547 2011 SW_{181}	16.7	X	65.20590	20.77846	342.88017	3.90631	0.1121037	0.21563452	2.7541686	21	—	—
353548 2011 SJ_{187}	16.4	X	22.09250	183.86767	208.58387	5.35188	0.0645671	0.21289029	2.7777862	21	12 30.6	20.2
353549 2011 SR_{188}	16.6	X	28.42133	42.16390	334.30675	5.73797	0.0623784	0.21070135	2.7969916	21	12 18.6	20.4
353550 2011 SB_{191}	15.6	X	293.44801	300.58102	63.45475	27.62634	0.1734147	0.17887057	3.1196806	21	6 24.9	20.1
353551 2011 SK_{194}	16.2	X	292.14330	213.06641	174.54350	9.28292	0.0913377	0.18594935	3.0399955	21	8 7.5	20.3
353552 2011 SD_{206}	16.4	X	308.90982	238.88550	141.98577	2.90563	0.1075807	0.18738890	3.0244063	21	8 23.3	20.3
353553 2011 SS_{208}	16.1	X	242.24627	86.63062	325.18656	8.91421	0.0887017	0.18042596	3.1017256	21	7 9.7	20.7
353554 2011 SN_{209}	16.8	X	63.43192	237.25184	124.44727	3.82135	0.1014414	0.21396351	2.7684897	21	—	—
353555 2011 SV_{211}	16.9	X	41.40917	173.03549	223.86697	2.22509	0.0924819	0.21783548	2.7355856	21	—	—
353556 2011 SP_{217}	15.9	X	231.03446	235.36306	181.14826	12.14430	0.1462616	0.17776160	3.1326419	21	6 25.9	21.0
353557 2011 SK_{218}	16.0	X	268.07633	303.22738	76.56817	10.28276	0.1492251	0.17738367	3.1370899	21	6 19.8	20.5
353558 2011 SX_{221}	16.6	X	265.26015	332.93302	63.40109	2.19988	0.1877186	0.18171872	3.0869975	21	7 2.7	21.2
353559 2011 SZ_{222}	16.0	X	306.78524	199.30551	153.00485	12.91178	0.1591265	0.18196319	3.0842319	21	7 4.5	20.2
353560 2011 SO_{223}	16.8	X	4.29917	356.83130	28.30716	2.22441	0.0904894	0.20613952	2.8381055	21	11 28.1	20.3
353561 2011 SN_{225}	16.1	X	234.08962	156.65901	258.33335	5.73661	0.0574303	0.17544771	3.1601249	21	7 5.9	20.6
353562 2011 SQ_{228}	16.8	X	148.51254	11.11282	281.22451	5.01618	0.0407479	0.21999561	2.7176491	21	—	—
353563 2011 SA_{229}	16.6	X	108.52535	48.11104	255.00372	3.94897	0.1030143	0.21054045	2.7984165	21	12 26.2	20.8
353564 2011 SU_{229}	16.1	X	288.93297	11.70116	336.92133	16.35323	0.2037289	0.17817725	3.1277681	21	5 24.8	20.9
353565 2011 SF_{230}	16.6	X	73.97390	189.15381	155.45851	6.42602	0.0363711	0.21563520	2.7541628	21	—	—
353566 2011 SC_{231}	16.5	X	16.04292	116.69750	305.09848	3.69233	0.0995295	0.21827043	2.7319502	21	—	—
353567 2011 SM_{231}	16.6	X	85.36874	0.60733	326.50614	2.86553	0.1661586	0.21589855	2.7519227	21	—	—
353568 2011 ST_{235}	16.5	X	340.56804	34.25602	316.74997	9.32631	0.1134593	0.18817946	3.0159299	21	8 31.9	20.2
353569 2011 SO_{245}	16.4	X	354.26493	254.68383	120.45692	3.10446	0.0810234	0.20112012	2.8851321	21	10 30.9	20.0
353570 2011 SA_{246}	16.6	X	216.17597	221.97946	329.50088	7.35070	0.1213254	0.21116931	2.7928579	21	11 27.5	20.9
353571 2011 SO_{249}	15.6	X	277.67441	310.81722	75.75501	10.76093	0.1057348	0.17892224	3.1190799	21	7 17.8	20.0
353572 2011 SA_{252}	15.9	X	248.07996	221.89150	170.50088	5.08665	0.1978662	0.17573951	3.1566259	21	6 9.3	20.9
353573 2011 SK_{254}	15.7	X	245.97512	155.90581	265.15567	7.63641	0.0158168	0.18594915	3.0399977	21	7 31.9	20.1
353574 2011 SX_{255}	16.8	X	349.67174	317.76263	151.47038	4.22680	0.0212962	0.22250285	2.6971949	21	—	—
353575 2011 SG_{256}	15.9	X	234.42642	254.06437	168.38790	3.50049	0.0871383	0.17507088	3.1646580	21	7 12.5	20.7
353576 2011 SM_{256}	16.0	X	287.25480	182.54974	192.32053	12.15764	0.1252758	0.17831043	3.1262105	21	7 9.6	20.5
353577 Gediminas	17.0	X	269.16017	247.34006	234.69604	1.10405	0.0621455	0.20306229	2.8667063	21	11 13.8	20.7
353578 2011 SY_{259}	16.8	X	232.90357	350.22896	225.25836	4.06553	0.0611001	0.21776277	2.7361945	21	—	—
353579 2011 SC_{262}	17.3	X	336.37065	216.91546	358.05614	5.60412	0.0508778	0.25770250	2.4456274	21	2 21.6	20.3
353580 2011 SD_{272}	16.0	X	302.85616	61.99558	311.04520	8.60562	0.1159801	0.18868116	3.0105813	21	8 2.3	19.9
353581 2011 SM_{272}	15.3	X	297.53033	97.62351	287.73913	9.75069	0.1038185	0.18372722	3.0644583	21	8 9.6	19.4
353582 2011 SP_{272}	15.4	X	257.72263	292.00980	112.28390	11.11965	0.2392751	0.17751026	3.1355983	21	6 28.6	20.3
353583 2011 ST_{274}	15.8	X	154.34698	100.20752	15.02352	7.51584	0.0678198	0.17367316	3.1816146	21	6 22.1	20.7
353584 2011 SD_{275}	17.2	X	306.19937	278.91480	3.26719	6.10539	0.1335098	0.26840661	2.3801660	21	3 26.7	20.3
353585 2011 TV	16.7	X	246.67737	141.18331	205.47084	12.15835	0.1386242	0.17042372	3.2219295	21	4 19.0	21.6
353586 2011 TT_{1}	16.9	X	292.25911	312.01782	98.13759	4.14409	0.0885301	0.19030776	2.9934020	21	9 10.9	20.9
353587 2011 TK_{2}	16.6	X	298.19629	217.63515	228.72781	1.17410	0.0357488	0.20445371	2.8536852	21	11 10.9	20.4
353588 2011 TN_{2}	15.9	X	303.61639	242.79051	170.77451	12.18302	0.0482077	0.19680054	2.9271963	21	10 6.9	19.7
353589 2011 TM_{3}	16.1	X	10.74040	255.35798	145.95047	6.42204	0.0544475	0.20831956	2.8182705	21	12 24.8	19.8
353590 2011 TG_{4}	15.1	X	286.75307	266.21325	85.15612	22.40460	0.1175034	0.17032806	3.2231356	21	6 12.3	19.6
353591 2011 TX_{7}	16.9	X	72.67163	165.59966	190.88377	2.48677	0.0790080	0.21872661	2.7281503	21	—	—
353592 2011 TY_{10}	17.0	X	356.16720	11.94993	78.32588	2.98188	0.0709405	0.22084812	2.7106508	21	—	—
353593 2011 TZ_{10}	16.1	X	272.59936	236.02321	153.88524	5.54088	0.1504731	0.18105237	3.0945671	21	7 7.7	20.5
353594 2011 TQ_{11}	15.5	X	251.65635	255.57246	156.77562	9.83125	0.0941834	0.18097955	3.0953972	21	7 18.3	20.1
353595 Grancanaria	16.1	X	259.18633	96.59621	270.78146	5.44371	0.1882168	0.17312474	3.1883302	21	5 20.6	21.0
353596 2011 TM_{13}	16.9	X	113.19453	244.32081	142.29732	6.88053	0.0800263	0.23794227	2.5792196	21	1 6.0	20.1
353597 2011 TO_{15}	16.2	X	254.83250	73.30832	183.71184	15.10493	0.0400703	0.24130823	2.5551788	21	1 5.1	20.1
353598 2011 TL_{16}	15.7	X	150.00961	241.08141	253.95608	4.08336	0.0777643	0.16758253	3.2582436	21	7 12.2	20.7
353599 2011 TN_{17}	15.5	X	342.02019	253.55557	92.72336	11.58514	0.0708309	0.18824287	3.0152525	21	9 5.9	19.5
353600 2011 UV	16.0	X	298.07255	120.55949	250.17532	6.10243	0.2527349	0.18236967	3.0796473	21	6 30.8	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353601 2011 UC_1	16.4	X	348.09411	5.61523	320.79957	3.75623	0.1490479	0.18477314	3.0528830	21	8 12.8	19.9
353602 2011 UF_1	15.6	X	301.47005	3.29354	358.11457	5.12870	0.1564201	0.17971820	3.1098636	21	7 10.2	19.6
353603 2011 UH_1	15.6	X	313.65044	10.47257	16.73276	10.52116	0.0876875	0.18792634	3.0186374	21	9 13.5	19.4
353604 2011 UJ_1	15.9	X	288.21267	159.83462	233.83852	8.96171	0.0889057	0.18208799	3.0828225	21	8 8.2	20.2
353605 2011 UK_1	16.8	X	14.55741	48.57552	242.10116	5.43092	0.2035469	0.28631947	2.2798282	21	8 25.8	18.5
353606 2011 US_9	16.3	X	287.47528	167.15735	221.43909	3.90805	0.1352673	0.17845164	3.1245611	21	7 26.9	20.5
353607 2011 UA_{11}	16.0	X	191.11564	252.60253	193.39106	13.67076	0.0893774	0.17605314	3.1528758	21	6 24.8	21.1
353608 2011 UH_{11}	17.2	X	348.10289	107.61880	316.86318	3.20041	0.0896919	0.21419362	2.7665065	21	12 26.9	20.5
353609 2011 UK_{11}	17.7	X	44.17128	350.94190	248.89946	2.27794	0.1086504	0.28437586	2.2902043	21	7 21.3	20.0
353610 2011 UM_{14}	15.2	X	257.83526	133.61242	251.99670	7.95050	0.0947516	0.17286189	3.1915615	21	6 22.4	19.9
353611 2011 UE_{15}	17.1	X	309.30333	13.39487	278.67458	3.69886	0.1599233	0.26425965	2.4050022	21	4 8.3	20.0
353612 2011 UQ_{21}	16.4	X	266.72895	5.56697	0.47366	8.90697	0.0940043	0.17501599	3.1653196	21	6 7.3	21.1
353613 2011 UJ_{23}	16.6	X	325.37719	307.48665	45.54710	5.14202	0.1659337	0.18641087	3.0349757	21	8 8.0	20.1
353614 2011 UE_{31}	15.0	X	317.72128	316.38289	53.36243	12.30201	0.0383414	0.18041838	3.1018124	21	9 3.9	19.4
353615 2011 UY_{32}	16.3	X	57.70353	55.43505	298.95336	5.10409	0.0610288	0.21236021	2.7824067	21	12 28.5	20.2
353616 2011 UN_{34}	17.2	X	202.29088	6.08766	306.59693	2.02587	0.1573154	0.24460391	2.5321754	21	1 19.2	21.1
353617 2011 UW_{34}	16.5	X	295.85925	193.35158	291.43510	2.35103	0.0396557	0.21249478	2.7812319	21	12 27.7	20.1
353618 2011 UD_{36}	15.8	X	224.52286	291.74145	224.27794	9.22004	0.0284687	0.19349912	2.9603976	21	11 3.4	19.8
353619 2011 UK_{37}	16.0	X	12.41773	198.15457	115.57091	12.20725	0.1727129	0.18996687	2.9969820	21	9 18.1	19.5
353620 2011 UX_{39}	16.6	X	53.18834	120.55590	242.58620	2.77309	0.1101722	0.21293058	2.7774358	21	—	—
353621 2011 UN_{40}	16.5	X	121.81987	95.24198	217.62945	4.03707	0.1106707	0.22069953	2.7118673	21	—	—
353622 2011 UF_{43}	16.3	X	267.83493	139.57711	252.79808	3.64413	0.1971297	0.17802784	3.1295178	21	6 29.1	20.9
353623 2011 UM_{48}	15.4	X	195.88752	269.00954	227.54723	9.23174	0.0307960	0.18167164	3.0875307	21	8 31.8	20.1
353624 2011 UC_{49}	15.5	X	93.73870	180.63156	42.01202	9.76585	0.0162088	0.17868395	3.1218523	21	8 24.2	20.0
353625 2011 UF_{50}	16.0	X	78.28059	168.68790	53.57873	10.03857	0.0282609	0.17347272	3.1840650	21	8 4.0	20.6
353626 2011 UH_{53}	17.2	X	309.62890	42.60381	247.43192	4.44358	0.2178396	0.26464902	2.4026427	21	3 27.4	20.1
353627 2011 UQ_{53}	16.6	X	203.44494	14.94216	298.41613	1.34250	0.0968765	0.23662623	2.5887739	21	1 20.4	20.4
353628 2011 UU_{54}	14.7	X	87.35286	89.02007	50.07937	10.57328	0.0344127	0.14880371	3.5269032	21	5 1.9	19.6
353629 2011 UT_{58}	17.1	X	282.53133	243.37579	37.78207	5.82883	0.2017238	0.26251623	2.4156385	21	2 20.1	20.7
353630 2011 UP_{59}	15.4	X	139.82860	64.28213	36.14791	9.63215	0.1071955	0.15329316	3.4577017	21	5 21.6	20.7
353631 2011 UE_{62}	15.5	X	95.95380	170.03334	67.88425	16.80111	0.1809619	0.17861955	3.1226027	21	10 8.9	20.6
353632 2011 UW_{71}	16.3	X	38.86167	38.52294	350.07497	4.02097	0.0763962	0.21328875	2.7743255	21	—	—
353633 2011 UP_{74}	16.5	X	314.15856	296.35134	50.79329	6.24089	0.1608078	0.18004868	3.1060570	21	7 10.1	20.3
353634 2011 UX_{75}	15.6	X	291.00158	142.31876	243.52310	8.95608	0.0211331	0.17953136	3.1120208	21	8 11.1	20.1
353635 2011 UB_{77}	15.7	X	145.36536	271.74323	234.07846	17.61707	0.1028816	0.16844612	3.2470979	21	7 17.6	21.0
353636 2011 UO_{77}	16.4	X	355.49090	114.44101	316.85802	3.45103	0.0439312	0.20986457	2.8044215	21	—	—
353637 2011 UL_{78}	16.5	X	63.93832	18.78800	7.09121	5.53578	0.0476935	0.21781556	2.7357524	21	—	—
353638 2011 UR_{78}	16.7	X	125.49978	20.50432	278.28888	3.28809	0.0530606	0.21185469	2.7868312	21	—	—
353639 2011 UQ_{81}	16.1	X	54.92795	59.87152	218.08556	9.23339	0.0495531	0.18352747	3.0666815	21	9 11.0	20.5
353640 2011 UJ_{82}	16.0	X	236.89156	55.58433	295.14519	4.61112	0.1089561	0.15429688	3.4426902	21	4 15.5	21.4
353641 2011 UF_{86}	16.3	X	355.33787	310.26407	76.83276	7.05626	0.0854039	0.20071483	2.8890147	21	11 16.9	19.8
353642 2011 UW_{93}	16.8	X	248.99923	351.51994	45.47343	0.18062	0.1309001	0.17394402	3.1783109	21	6 22.5	21.6
353643 2011 UD_{95}	16.0	X	101.64745	294.48724	36.37881	4.70548	0.1040031	0.21827375	2.7319225	21	—	—
353644 2011 UG_{100}	16.9	X	151.73198	203.06858	55.21915	5.23715	0.0237569	0.21025004	2.8009928	21	12 16.1	20.8
353645 2011 UP_{106}	16.1	X	296.00256	73.93058	299.93913	15.28563	0.1116904	0.18142292	3.0903520	21	7 24.3	20.3
353646 2011 UH_{107}	17.2	X	249.50356	50.85092	211.94421	4.73342	0.0813320	0.24202115	2.5501585	21	1 4.6	21.0
353647 2011 UT_{113}	16.6	X	165.12176	164.54650	129.23747	2.11221	0.0353912	0.21867872	2.7285486	21	—	—
353648 2011 UY_{115}	16.1	X	46.97620	291.64965	12.63690	12.97778	0.0365206	0.19310733	2.9644005	21	10 6.4	20.0
353649 2011 UL_{116}	16.5	X	51.99361	264.95797	93.87195	5.31463	0.1127484	0.21415265	2.7668594	21	—	—
353650 2011 UU_{116}	16.2	X	236.07198	153.65775	274.63653	3.79962	0.1194516	0.17594808	3.1541308	21	7 18.4	20.9
353651 2011 UE_{117}	16.3	X	328.25289	251.38228	194.43279	3.60940	0.0738467	0.20930811	2.8093898	21	12 22.3	19.7
353652 2011 UC_{125}	17.5	X	306.25419	107.31936	184.45862	2.17743	0.2157188	0.26900064	2.3766607	21	3 27.3	20.2
353653 2011 UT_{125}	16.6	X	237.61941	153.62435	296.80338	3.31197	0.0244410	0.18456732	3.0551522	21	8 27.9	20.9
353654 2011 UU_{126}	16.4	X	333.50235	327.45539	21.45440	5.44974	0.1547910	0.18304521	3.0720655	21	8 18.6	19.9
353655 2011 UM_{128}	15.8	X	235.38953	109.19232	242.32283	8.60562	0.0758000	0.15456745	3.4386715	21	4 17.9	21.0
353656 2011 UL_{131}	17.3	X	293.07289	78.79105	211.70242	5.33201	0.1160103	0.26777606	2.3839010	21	3 22.2	20.4
353657 2011 UT_{134}	16.1	X	305.35302	304.77922	49.65358	9.99369	0.0878993	0.17780969	3.1320771	21	7 17.4	20.4
353658 2011 US_{141}	15.9	X	82.01822	321.63418	284.82533	3.55843	0.1163546	0.17985923	3.1082378	21	9 16.1	20.4
353659 2011 UV_{150}	15.5	X	256.01555	204.33882	193.03430	11.28630	0.1344849	0.17816558	3.1279047	21	6 29.3	20.3
353660 2011 UB_{160}	16.0	X	13.90520	15.34727	304.63095	9.76509	0.1209890	0.18800225	3.0178247	21	9 13.7	19.7
353661 2011 UR_{164}	16.1	X	359.81772	323.62887	64.80460	11.22719	0.0724335	0.20057066	2.8903989	21	11 23.5	19.6
353662 2011 UE_{175}	16.6	X	103.32564	18.83634	335.29038	5.43719	0.0725527	0.22063048	2.7124331	21	—	—
353663 2011 UA_{176}	17.0	X	15.66350	289.67536	348.83166	6.61368	0.1627394	0.28296464	2.2978126	21	8 7.0	18.8
353664 2011 UF_{188}	16.3	X	36.80568	161.36319	227.18395	4.68563	0.0989782	0.21650317	2.7467969	21	—	—
353665 2011 UD_{190}	15.6	X	73.32338	94.38358	313.69820	2.44979	0.2564478	0.12432367	3.9758821	21	1 30.1	20.6
353666 2011 UJ_{190}	16.5	X	42.45942	245.91986	129.83380	9.96591	0.1770305	0.21190015	2.7864326	21	—	—
353667 2011 US_{193}	15.9	X	350.18569	205.74983	134.47271	8.47003	0.2448084	0.19152958	2.9806580	21	9 9.5	18.5
353668 2011 UB_{196}	16.4	X	355.17448	67.98716	278.89543	4.60112	0.0826265	0.18761447	3.0219817	21	9 19.1	20.3
353669 2011 UP_{196}	16.1	X	196.09639	342.04553	257.26042	6.92428	0.1718757	0.21274257	2.7790719	21	12 30.9	20.6
353670 2011 UX_{204}	15.1	X	50.56739	125.00172	138.68595	16.72633	0.1067333	0.17900214	3.1181517	21	8 30.4	19.2
353671 2011 UU_{205}	16.1	X	242.45343	317.59013	132.20034	11.87663	0.1016945	0.18263839	3.0766258	21	8 25.4	20.6
353672 2011 UB_{217}	16.5	X	327.46498	58.45681	53.72952	2.82408	0.0283012	0.21672426	2.7449285	21	—	—
353673 2011 UR_{219}	16.5	X	81.07363	270.34462	57.23101	4.07363	0.0661012	0.21088749	2.7953455	21	12 23.1	20.4
353674 2011 UA_{220}	16.4	X	55.78076	263.25595	87.30563	1.66747	0.0816710	0.20980618	2.8049419	21	12 23.5	20.1
353675 2011 UZ_{226}	16.5	X	290.90481	265.95506	106.14347	2.16969	0.1936661	0.18060518	3.0996732	21	7 2.3	20.7
353676 2011 UF_{229}	16.6	X	121.51247	155.42166	166.70854	2.58288	0.0665592	0.22107566	2.7087906	21	—	—
353677 2011 UV_{235}	15.3	X	199.65317	251.64001	240.40434	9.08386	0.0673745	0.18012617	3.1051661	21	8 27.8	20.1
353678 2011 UK_{254}	15.5	X	120.39060	303.58201	44.63251	5.94503	0.2801305	0.12534049	3.9543501	21	1 17.4	21.6
353679 2011 UF_{257}	16.9	X	284.69438	68.84260	84.43958	0.49766	0.0128747	0.21277113	2.7788232	21	—	—
353680 2011 US_{264}	16.3	X	79.66050	88.58191	296.25780	5.02854	0.0296955	0.22303681	2.6928884	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353681 2011 US_{285}	16.4	X	273.97052	181.37493	53.19081	8.23089	0.1746828	0.23996109	2.5647330	21	—	—
353682 2011 UJ_{286}	16.3	X	34.57945	88.99685	298.06528	7.97920	0.1615455	0.21505087	2.7591496	21	—	—
353683 2011 UH_{295}	16.8	X	67.40487	57.46868	296.38736	3.51052	0.0962013	0.21707522	2.7419690	21	—	—
353684 2011 UZ_{302}	16.1	X	184.24369	7.08580	230.39409	7.84589	0.1029460	0.21213270	2.7843958	21	12 22.6	20.3
353685 2011 UY_{304}	17.2	X	56.92033	44.17972	230.90813	6.29692	0.1055342	0.28927197	2.2642888	21	10 1.3	20.0
353686 2011 UK_{306}	16.5	X	36.63539	263.10388	129.94990	4.74313	0.1022638	0.21467627	2.7623584	21	—	—
353687 2011 UP_{306}	17.3	X	294.15132	289.56529	16.00294	4.52248	0.1415279	0.26714912	2.3876292	21	4 10.6	20.3
353688 2011 UT_{307}	15.9	X	205.45065	56.98596	71.69036	10.99366	0.0739402	0.18355146	3.0664143	21	9 8.8	20.7
353689 2011 UT_{309}	16.0	X	288.87193	36.28552	319.94787	9.65632	0.0721100	0.17140149	3.2096646	21	6 28.4	20.5
353690 2011 UK_{322}	16.4	X	298.02147	338.87237	127.24387	2.99830	0.0529623	0.20388634	2.8589768	21	12 4.6	20.0
353691 2011 UT_{325}	16.4	X	129.59361	281.22359	356.08050	6.20775	0.0264652	0.20528427	2.8459828	21	12 12.3	20.5
353692 2011 UA_{335}	15.3	X	89.55747	47.06056	348.26792	7.03306	0.2175993	0.12478676	3.9660396	21	2 1.1	20.8
353693 2011 US_{335}	17.0	X	38.03628	171.98914	210.90617	1.22879	0.0871511	0.21715559	2.7412925	21	—	—
353694 2011 UO_{336}	16.7	X	105.46599	195.14225	138.30776	2.78290	0.1118806	0.21869259	2.7284333	21	—	—
353695 2011 UL_{339}	16.8	X	293.69722	188.22362	96.67842	8.10617	0.1175503	0.26290120	2.4132797	21	3 21.9	20.1
353696 2011 UC_{347}	16.5	X	243.49295	119.05835	97.64117	5.59605	0.0171891	0.22493471	2.6777194	21	—	—
353697 2011 UZ_{359}	16.0	X	300.70010	160.16067	228.21875	7.39638	0.0600679	0.18397810	3.0616718	21	8 23.2	20.3
353698 2011 UP_{368}	16.2	X	325.43797	151.49277	200.49301	8.90713	0.0822082	0.17970018	3.1100715	21	8 9.4	20.3
353699 2011 UN_{379}	15.7	X	352.84886	221.42374	121.92861	10.92034	0.1261298	0.18557266	3.0441080	21	9 18.3	19.4
353700 2011 UX_{382}	16.1	X	238.54696	94.38314	351.42950	8.59431	0.0326247	0.17959841	3.1112463	21	8 24.7	20.4
353701 2011 UL_{385}	16.8	X	205.89932	228.12037	351.17515	2.16673	0.0204178	0.21359801	2.7716470	21	—	—
353702 2011 UY_{390}	15.8	X	257.56459	272.98303	135.91265	11.88129	0.1902393	0.17620363	3.1510804	21	7 9.3	20.6
353703 2011 UN_{392}	15.7	X	300.37735	352.86797	353.37370	9.12238	0.0856235	0.17466761	3.1695271	21	6 29.0	20.1
353704 2011 UK_{394}	15.4	X	42.97883	107.37804	90.18699	10.87491	0.0490321	0.15737246	3.3976885	21	5 19.6	20.0
353705 2011 UL_{400}	15.8	X	310.79107	66.10543	301.16927	13.51391	0.0681830	0.18188867	3.0850742	21	8 9.9	19.9
353706 2011 UD_{406}	16.0	X	220.13355	45.64842	13.57085	8.91058	0.2071517	0.17376048	3.1805487	21	6 14.7	21.5
353707 2011 UR_{407}	16.0	X	316.74562	35.86925	318.37271	9.38211	0.0472354	0.18018445	3.1044965	21	8 6.2	20.0
353708 2011 UZ_{407}	17.6	X	357.44870	153.04559	146.91567	3.19703	0.1577500	0.28416185	2.2913541	21	7 28.7	19.1
353709 2011 VM	15.3	X	159.33195	238.21767	289.91570	11.90553	0.1896195	0.17563332	3.1578981	21	8 29.7	20.8
353710 2011 VH_{1}	16.0	X	243.25779	118.79951	327.74106	9.12574	0.0736473	0.18165109	3.0877636	21	8 24.1	20.2
353711 2011 VK_{4}	16.4	X	115.01427	195.15452	99.69972	3.76027	0.0475676	0.20952941	2.8074114	21	12 19.6	20.5
353712 2011 VA_{6}	16.6	X	341.61669	190.06084	145.70556	4.58650	0.0822019	0.18319923	3.0703435	21	8 16.0	20.3
353713 2011 VC_{7}	14.9	X	212.45782	181.44851	253.53894	20.29396	0.0441591	0.16973151	3.2306834	21	7 4.2	19.9
353714 2011 VQ_{8}	15.4	X	276.87189	7.64497	354.88598	17.04446	0.3218338	0.18098694	3.0953129	21	5 10.9	20.6
353715 2011 VZ_{8}	16.3	X	329.99914	232.71053	133.01467	11.45745	0.1317122	0.18832610	3.0143640	21	9 6.7	19.8
353716 2011 VA_{10}	18.2	X	44.75205	96.47875	235.35305	1.53537	0.0301780	0.30007529	2.2096113	21	11 25.5	20.6
353717 2011 VN_{14}	15.7	X	223.70092	47.85890	42.78865	17.09176	0.1506472	0.17505503	3.1648490	21	8 5.9	21.0
353718 2011 VS_{21}	16.7	X	80.49736	40.75957	231.87981	7.28897	0.0205285	0.18955611	3.0013100	21	10 4.4	20.9
353719 2011 WM	16.7	X	36.66561	22.83196	322.02090	1.15158	0.1124700	0.20205053	2.8762683	21	11 24.9	20.4
353720 2011 WY	16.1	X	25.48334	270.29135	65.64874	4.68077	0.0584793	0.18761988	3.0219236	21	10 21.6	20.1
353721 2011 WR_{1}	13.6	X	240.99047	58.13263	77.22285	9.34454	0.0524731	0.08483559	5.1296057	21	10 16.6	20.6
353722 2011 WT_{19}	16.3	X	97.03184	51.04763	242.95215	4.76459	0.0595027	0.20222027	2.8746585	21	11 28.2	20.4
353723 2011 WK_{33}	15.4	X	23.82955	205.80149	74.30423	12.40411	0.0817092	0.17560093	3.1582864	21	8 11.5	19.6
353724 2011 WO_{33}	16.7	X	203.78339	164.40349	130.89949	3.90309	0.1588861	0.23409706	2.6073864	21	1 1.4	20.9
353725 2011 WV_{37}	17.1	X	131.96575	288.49592	96.17459	4.59671	0.2233275	0.23489543	2.6014751	21	2 17.8	20.9
353726 2011 WO_{54}	16.4	X	134.15332	237.24039	69.67888	6.11373	0.0452364	0.21661269	2.7458709	21	—	—
353727 2011 WF_{62}	14.3	X	243.70831	283.51941	212.21854	5.57829	0.1625106	0.08380031	5.1717672	21	10 3.2	21.4
353728 2011 WD_{98}	15.9	X	338.56682	250.79955	96.64265	4.02462	0.0656688	0.17724540	3.1387211	21	8 28.7	19.9
353729 2011 WT_{106}	15.5	X	283.82386	166.59797	206.85224	10.07764	0.0868228	0.17711262	3.1402896	21	7 9.0	20.0
353730 2011 WN_{114}	15.2	X	191.28790	57.68251	76.22409	21.87704	0.1112960	0.17331694	3.1859727	21	9 1.7	20.6
353731 2011 WR_{114}	16.1	X	342.36176	220.45487	148.87231	8.14755	0.2404012	0.19002396	2.9963817	21	10 3.9	18.8
353732 2011 WC_{124}	16.7	X	29.84597	137.13521	214.70140	9.37965	0.1190144	0.20021436	2.8938270	21	11 25.9	20.4
353733 2011 WC_{145}	16.5	X	283.34237	324.46210	276.07283	1.17173	0.0340260	0.23062287	2.6335069	21	1 22.7	20.1
353734 2011 WM_{147}	15.9	X	96.15391	330.49861	298.76425	9.04130	0.0712043	0.19205735	2.9751950	21	10 23.8	20.4
353735 2011 WL_{150}	15.4	X	343.21719	216.13073	124.20625	10.23349	0.0884445	0.17898991	3.1182937	21	8 26.2	19.3
353736 2011 WT_{152}	17.1	X	107.36997	248.40156	209.50944	14.55716	0.0760585	0.24393961	2.5367705	21	3 29.5	20.4
353737 2011 XO_{1}	13.0	X	263.28339	44.82214	80.25080	12.89794	0.1551702	0.08349360	5.1844248	21	10 18.1	20.1
353738 2011 YP	12.8	X	275.53699	354.07508	112.88098	9.93888	0.0814879	0.08160532	5.2640952	21	10 19.3	19.8
353739 2011 YN_{8}	13.7	X	329.28426	287.30373	133.71939	9.84070	0.0881665	0.08184382	5.2538637	21	11 1.8	20.3
353740 2011 YB_{18}	13.8	X	352.08448	297.00774	81.81598	8.68357	0.0659465	0.08420857	5.1550379	21	10 16.5	20.4
353741 2011 YC_{25}	15.4	X	233.09131	199.89556	299.77867	7.91269	0.0872099	0.17778803	3.1323314	21	10 11.2	20.2
353742 2011 YE_{28}	13.2	X	262.38339	187.45464	291.19263	21.75818	0.0997459	0.08264984	5.2196497	21	9 29.9	20.5
353743 2011 YN_{40}	13.4	X	311.31728	329.42814	100.64520	8.56970	0.0908906	0.08119400	5.2818583	21	10 19.6	20.1
353744 2011 YL_{45}	13.7	X	277.35899	337.94320	151.89691	8.29586	0.0497207	0.08295292	5.2069282	21	11 17.3	20.6
353745 2011 YE_{47}	15.8	X	311.34863	253.08033	149.06336	10.57671	0.1229976	0.18532988	3.0467659	21	9 24.8	19.5
353746 2011 YN_{49}	16.5	X	156.64162	151.41208	68.64186	3.69901	0.0439085	0.19169348	2.9789588	21	11 3.1	20.7
353747 2011 YK_{57}	13.5	X	331.94214	320.14493	97.90934	7.38340	0.0430222	0.07952826	5.3553567	21	11 2.8	20.3
353748 2011 YT_{65}	13.6	X	6.58040	254.38504	136.62200	15.93714	0.0756468	0.08348376	5.1848323	21	11 18.5	20.3
353749 2011 YP_{74}	13.1	X	322.39159	337.41895	103.70195	27.38674	0.0773226	0.08264683	5.2197767	21	11 21.6	20.0
353750 2012 AG_{11}	16.2	X	142.39227	39.06471	7.61557	11.36831	0.1818964	0.24090188	2.5580514	21	3 21.8	20.0
353751 2012 BS_{6}	16.5	X	200.84981	251.77067	328.49438	1.86234	0.0768637	0.18922666	3.0047925	21	12 17.9	21.0
353752 2012 BC_{16}	15.4	X	176.13604	251.80775	309.86810	9.22674	0.0348962	0.17634250	3.1494259	21	10 26.9	20.2
353753 2012 BU_{57}	13.8	X	339.03153	290.69508	126.61063	4.17171	0.0400406	0.08304317	5.2031549	21	11 9.8	20.5
353754 2012 BK_{82}	16.3	X	150.73085	302.46234	328.76663	4.60383	0.1120633	0.18730915	3.0252647	21	12 25.9	21.1
353755 2012 BW_{101}	13.9	X	300.14874	139.17861	316.82438	6.64445	0.1086015	0.08313611	5.1992766	21	10 26.2	20.5
353756 2012 BR_{102}	15.9	X	157.44154	222.17503	24.59552	1.56343	0.0683455	0.18483762	3.0521730	21	12 3.6	20.4
353757 2012 BO_{137}	17.3	X	111.22845	276.86456	324.76754	6.19810	0.1030348	0.26836885	2.3803893	21	10 19.5	20.8
353758 2012 BR_{151}	16.0	X	119.73060	154.58037	179.17326	1.60873	0.0824392	0.19876982	2.9078305	21	—	—
353759 2012 CE_{8}	15.3	X	129.10749	110.03961	145.29536	9.90169	0.0595058	0.17472081	3.1688837	21	11 15.7	20.2
353760 2012 CY_{23}	15.5	X	50.91781	117.45880	206.81597	5.29282	0.0707095	0.17223075	3.1993537	21	11 7.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353761 2012 CF_{52}	13.2	X	340.25925	112.16707	304.83212	8.41562	0.0956399	0.08446936	5.1444220	21	11 5.7	19.7
353762 2012 DR_{24}	15.7	X	231.12838	65.21853	154.71166	11.39315	0.0625853	0.18326118	3.0696515	21	—	—
353763 2012 DK_{55}	17.5	X	1.86823	326.04646	341.71043	18.41081	0.0409282	0.35877608	1.9614944	21	8 24.9	19.0
353764 2012 DX_{83}	16.2	X	275.69440	182.63572	126.76092	6.10163	0.1020540	0.21928795	2.7234927	21	4 6.7	20.1
353765 2012 FK_{1}	16.1	X	231.67001	61.72669	83.88185	0.13188	0.1328264	0.17072568	3.2181292	21	10 14.9	20.8
353766 2012 FQ_{28}	17.3	X	122.19775	184.60007	76.55440	3.16133	0.1731859	0.26696593	2.3887214	21	11 30.5	21.2
353767 2012 FF_{35}	16.9	X	281.85351	148.00774	162.43541	7.76507	0.0504952	0.22432814	2.6825442	21	4 22.0	20.6
353768 2012 GP_{22}	15.6	X	91.63691	320.97744	87.73482	10.26759	0.1008215	0.19168772	2.9790184	21	1 20.0	19.5
353769 2012 GC_{30}	18.0	X	271.81241	69.89366	41.14203	2.01049	0.1237635	0.27130456	2.3631865	21	11 6.5	20.5
353770 2012 HB_{4}	15.6	X	202.35645	212.90839	46.05721	11.09916	0.1900809	0.17666006	3.1456505	21	—	—
353771 2012 HZ_{17}	17.1	X	202.95668	207.50882	105.04727	8.27608	0.0153748	0.30158291	2.2022413	21	1 1.2	19.6
353772 2012 HM_{23}	17.3	X	166.01854	160.18745	74.55503	3.45896	0.1604806	0.26992810	2.3712135	21	12 7.7	21.0
353773 2012 HK_{25}	17.3	X	166.37644	166.14141	100.79362	5.20569	0.1836559	0.27709980	2.3301216	21	—	—
353774 2012 HF_{43}	15.8	X	205.22109	259.76325	35.04705	9.50243	0.0890392	0.18976524	2.9991046	21	1 9.2	20.5
353775 2012 HS_{56}	16.1	X	195.68930	93.63179	172.71015	10.57427	0.1573610	0.17470347	3.1690933	21	—	—
353776 2012 HU_{61}	16.2	X	292.34332	314.57926	175.38046	10.13300	0.2018528	0.17839857	3.1251808	21	12 4.7	20.0
353777 2012 HS_{74}	16.3	X	179.36119	30.91085	63.48734	13.11496	0.0986845	0.23303142	2.6153294	21	6 22.4	20.3
353778 2012 HA_{77}	15.5	X	322.90746	325.56081	207.53024	9.97172	0.0466067	0.18908592	3.0062834	21	—	—
353779 2012 HR_{78}	15.0	X	351.50693	265.87587	122.56730	8.99482	0.0305666	0.15147331	3.4853412	21	11 4.7	19.9
353780 2012 JP_{2}	17.9	X	233.76259	87.14876	198.74002	7.39068	0.2126396	0.29825866	2.2185745	21	1 5.4	21.7
353781 2012 JO_{23}	16.1	X	48.92395	86.16648	201.35182	13.65715	0.1691809	0.24115222	2.5562807	21	10 13.4	19.1
353782 2012 JB_{60}	17.5	X	42.07856	276.27954	99.11370	7.69040	0.1301529	0.26947166	2.3738903	21	—	—
353783 2012 KC_{21}	17.3	X	208.35860	151.80433	86.02894	5.64297	0.0745851	0.28236151	2.3010836	21	—	—
353784 2012 KM_{26}	16.3	X	142.75008	203.99399	142.17655	3.14525	0.0709715	0.18388735	3.0626789	21	1 3.0	20.8
353785 2012 KW_{30}	15.7	X	311.46370	219.57640	98.15580	10.13880	0.1605284	0.21834203	2.7313530	21	5 26.2	19.0
353786 2012 KZ_{45}	15.3	X	228.52697	47.17772	281.13118	10.34374	0.0837772	0.18002594	3.1063186	21	3 7.5	20.2
353787 2012 MQ_{7}	15.8	X	147.27197	140.11741	242.46085	24.01521	0.2275945	0.27975835	2.3153359	21	2 12.1	19.9
353788 2012 OK_{1}	16.2	X	16.49787	158.22621	191.04913	8.85755	0.0672181	0.22666705	2.6640587	21	11 2.3	19.5
353789 2012 PG_{15}	16.2	X	334.59460	57.87267	309.93229	12.59554	0.1849054	0.22337321	2.6901840	21	9 11.3	19.0
353790 2012 PE_{32}	16.8	X	120.11679	222.50189	92.55382	3.90618	0.1891383	0.25734962	2.4478626	21	—	—
353791 2012 PH_{43}	16.4	X	237.01538	299.83521	79.73356	2.95733	0.1138506	0.19540929	2.9410737	21	5 20.1	20.8
353792 2012 QR_{19}	16.9	X	133.40484	180.38607	131.67371	3.27920	0.2081997	0.25878802	2.4387836	21	—	—
353793 2012 QK_{25}	16.0	X	166.07328	57.55294	342.11823	11.07016	0.0791893	0.17531341	3.1617386	21	3 31.1	20.9
353794 2012 QO_{33}	16.1	X	282.47460	266.29199	183.52014	21.72900	0.0883742	0.22577929	2.6710375	21	10 24.1	19.6
353795 2012 QY_{41}	16.3	X	66.80821	184.09178	216.00532	8.46414	0.2176191	0.25662454	2.4524713	21	—	—
353796 2012 RR_{6}	13.0	X	289.40897	97.35420	227.90272	16.53434	0.1068254	0.08422149	5.1545105	21	5 19.9	19.7
353797 2012 RO_{20}	16.0	X	271.22384	212.09916	186.14779	12.28506	0.1916183	0.20668786	2.8330837	21	7 9.9	20.3
353798 2012 RL_{31}	15.1	X	288.27776	7.67271	275.87533	12.97688	0.0698492	0.17854792	3.1234378	21	3 19.6	19.8
353799 2012 ST_{16}	16.6	X	120.01712	64.97237	216.74440	11.20910	0.3025477	0.24343151	2.5402991	21	12 22.7	21.4
353800 2012 TP_{37}	15.9	X	221.04280	232.86531	135.34631	11.32699	0.1594834	0.17826028	3.1267969	21	4 22.9	21.1
353801 2012 TR_{52}	13.8	X	142.97267	141.86070	357.87892	17.93453	0.0166059	0.08128508	5.2779122	21	7 9.6	21.0
353802 2012 TP_{68}	16.7	X	22.71273	356.71117	38.78875	3.29240	0.2204891	0.23356146	2.6113711	21	—	—
353803 2012 TY_{99}	15.8	X	246.81380	14.69227	7.31502	10.95150	0.1172168	0.18847861	3.0127378	21	5 31.0	20.5
353804 2012 TM_{106}	16.8	X	276.52652	132.72273	241.40164	1.02842	0.1048127	0.19791812	2.9161667	21	6 29.3	20.8
353805 2012 TZ_{124}	16.7	X	337.96694	103.67114	274.34596	12.82922	0.2202974	0.21830746	2.7316412	21	10 1.7	19.5
353806 2012 TB_{132}	16.3	X	2.99630	113.28722	263.55822	4.91757	0.0343262	0.22089890	2.7102354	21	11 12.7	19.7
353807 2012 TY_{149}	17.7	X	168.03824	351.08157	28.50073	2.74253	0.2203839	0.27541651	2.3396060	21	3 11.7	21.4
353808 2012 TD_{200}	17.5	X	167.78179	172.69115	257.10889	2.79244	0.1992011	0.28783423	2.2718226	21	5 10.9	21.0
353809 2012 TF_{214}	16.9	X	52.29217	123.38654	216.16400	10.81275	0.2278516	0.23251956	2.6191662	21	12 28.7	20.9
353810 2012 TU_{215}	17.5	X	122.53973	300.60057	125.47161	1.86910	0.1682369	0.27247721	2.3564013	21	3 19.3	20.4
353811 2012 TM_{216}	17.5	X	133.19358	114.45155	258.12096	5.52813	0.2084462	0.26358385	2.4091113	21	1 25.5	20.9
353812 2012 TW_{222}	16.8	X	346.19156	45.95205	52.98224	5.53425	0.2012407	0.23503032	2.6004797	21	—	—
353813 2012 TY_{230}	15.1	X	312.41885	57.47473	240.52256	26.03669	0.0745452	0.18040080	3.1020139	21	5 14.4	19.4
353814 2012 TJ_{243}	17.0	X	327.25533	290.17197	87.13753	2.80678	0.0880555	0.21383127	2.7696310	21	9 22.9	20.3
353815 2012 TF_{309}	17.1	X	158.58064	235.96781	130.39515	12.49882	0.2739681	0.27151384	2.3619719	21	2 20.2	20.9
353816 2012 TH_{310}	16.0	X	186.63098	117.94376	306.77604	9.20698	0.0710009	0.18079424	3.0975120	21	5 23.7	20.9
353817 2012 TV_{310}	18.3	X	214.90637	127.66072	263.41670	1.22148	0.2102826	0.29298163	2.2451350	21	5 2.1	21.9
353818 2012 TF_{311}	16.5	X	263.54321	330.38955	3.39061	6.19266	0.1970783	0.18829826	3.0146612	21	4 11.7	21.2
353819 2012 TN_{312}	16.4	X	336.40858	230.51672	128.39133	8.87833	0.2365831	0.21162016	2.7888898	21	9 6.5	18.7
353820 2012 TC_{315}	16.1	X	213.62792	305.12399	130.18135	7.45994	0.3039057	0.18586254	3.0409420	21	6 25.1	21.5
353821 2012 TH_{317}	15.2	X	175.50035	333.68330	112.97467	17.86420	0.1624627	0.18048302	3.1010717	21	6 13.4	20.5
353822 2012 TJ_{317}	16.0	X	33.17604	251.19601	117.48506	15.36349	0.1007013	0.23027524	2.6361567	21	12 25.7	19.5
353823 2012 TC_{319}	17.0	X	12.32660	190.15416	148.64452	14.64939	0.3395698	0.22219772	2.6996636	21	11 24.1	20.0
353824 2012 UP_{38}	17.0	X	97.90189	80.35659	253.31799	5.47918	0.2187563	0.24398110	2.5364829	21	—	—
353825 2012 UU_{39}	17.9	X	266.87686	126.67769	244.78747	3.17480	0.1457036	0.30495148	2.1859936	21	6 4.2	20.7
353826 2012 UF_{56}	15.9	X	292.93873	308.45623	10.44045	3.89130	0.1067749	0.18367202	3.0650722	21	5 9.1	20.1
353827 2012 UJ_{56}	16.3	X	282.48596	72.92398	292.66383	2.49870	0.0638731	0.19231743	2.9725120	21	7 2.3	20.4
353828 2012 UE_{61}	16.9	X	354.76185	201.55226	268.69821	4.96215	0.1525696	0.22962470	2.6411333	21	—	—
353829 2012 UW_{88}	16.2	X	247.09733	345.10017	55.21514	1.29499	0.2081507	0.18929461	3.0040735	21	6 16.3	20.8
353830 2012 UX_{97}	15.8	X	207.76534	69.89494	341.77755	9.91510	0.1057557	0.18076308	3.0978679	21	5 28.5	20.8
353831 2012 UA_{102}	16.9	X	47.98791	258.03626	55.60485	4.33403	0.0549171	0.21647893	2.7470019	21	10 26.5	20.4
353832 2012 UX_{108}	16.9	X	351.14020	196.82420	233.10326	4.29409	0.1956597	0.23111355	2.6297781	21	—	—
353833 2012 UE_{122}	16.6	X	288.07978	70.89007	307.52356	4.57386	0.0911082	0.19575833	2.9375767	21	7 23.0	20.6
353834 2012 UX_{134}	16.4	X	324.45234	200.01962	252.77500	8.38143	0.1720893	0.22453842	2.6808691	21	12 30.7	19.1
353835 2012 UV_{135}	15.7	X	195.10589	270.87765	147.53724	11.97769	0.1384984	0.18017068	3.1046547	21	5 28.4	20.9
353836 2012 UV_{147}	16.9	X	302.49767	139.88370	278.94882	2.08925	0.0674516	0.21341380	2.7732416	21	10 9.5	20.4
353837 2012 UP_{150}	16.7	X	228.70869	241.26360	260.10803	2.31118	0.0322908	0.21509302	2.7587891	21	10 23.1	20.4
353838 2012 UE_{167}	16.3	X	2.83051	203.05765	261.90921	12.32528	0.1091417	0.24465615	2.5318149	21	—	—
353839 2012 VV_{16}	16.2	X	251.09447	322.23543	254.44244	11.74765	0.0726965	0.24408389	2.5357707	21	—	—
353840 2012 VX_{16}	16.0	X	84.06186	142.43586	74.77726	10.13961	0.0749584	0.18373299	3.0643941	21	8 12.2	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353841 2012 VF_{17}	16.5	X	103.99373	253.79299	123.56541	2.78380	0.0730780	0.24571620	2.5245280	21	—	—
353842 2012 VO_{19}	16.7	X	339.59658	354.23388	76.66560	7.27981	0.0122152	0.22254310	2.6968697	21	12 20.2	20.3
353843 2012 VD_{35}	15.9	X	205.88914	302.84168	114.73473	2.14880	0.0675799	0.18130287	3.0917160	21	6 6.8	20.4
353844 2012 VM_{35}	15.6	X	318.64346	215.94760	60.33583	10.30181	0.0512145	0.17382694	3.1797380	21	4 30.7	19.9
353845 2012 VU_{37}	15.4	X	260.88014	114.04337	243.88374	12.79670	0.1201591	0.17821609	3.1273137	21	5 18.8	19.9
353846 2012 VF_{39}	16.4	X	341.43771	137.16941	250.87069	11.83294	0.1722474	0.21640155	2.7476567	21	10 29.3	19.3
353847 2012 VH_{40}	16.1	X	295.03622	233.47090	247.05113	12.34340	0.0438520	0.22482843	2.6785632	21	12 23.1	19.5
353848 2012 VN_{42}	16.9	X	322.55103	132.44673	78.17836	5.34121	0.0550424	0.25863123	2.4397692	21	1 26.6	19.9
353849 2012 VZ_{42}	16.4	X	321.07055	23.67984	67.54794	10.18593	0.0918058	0.22250066	2.6972126	21	12 21.4	19.6
353850 2012 VE_{45}	16.4	X	137.36278	118.73671	224.83104	3.21059	0.0663936	0.24485090	2.5304722	21	—	—
353851 2012 VS_{51}	16.3	X	266.94791	295.60946	121.52144	3.16887	0.1041735	0.19505936	2.9445901	21	8 12.8	20.4
353852 2012 VE_{52}	16.4	X	240.04276	332.29320	233.50900	13.67817	0.0282395	0.23281556	2.6169457	21	—	—
353853 2012 VV_{78}	15.8	X	148.75201	58.73045	68.71350	12.99524	0.0972665	0.17991708	3.1075714	21	7 3.0	20.7
353854 2012 VS_{85}	18.1	X	174.35687	274.24819	218.05727	2.09049	0.0566478	0.30404490	2.1903368	21	8 8.7	20.8
353855 2012 VP_{90}	17.6	X	51.57164	25.37078	89.52924	3.57922	0.1521042	0.25796547	2.4439651	21	1 31.5	19.7
353856 2012 VX_{90}	17.2	X	353.39690	225.27147	170.25720	1.71925	0.0920675	0.21936775	2.7228321	21	11 28.8	20.4
353857 2012 VP_{92}	16.7	X	80.44173	217.81277	102.50788	4.06552	0.1104679	0.22533050	2.6745829	21	12 21.3	20.7
353858 2012 VE_{93}	17.5	X	111.37939	249.84166	217.71855	4.36463	0.1618883	0.27380256	2.3487910	21	4 29.0	20.4
353859 2012 VN_{93}	16.6	X	337.53887	22.43181	73.25901	14.76047	0.2176431	0.22856000	2.6493290	21	—	—
353860 2012 VU_{93}	17.5	X	115.51296	31.48725	96.55378	5.68413	0.1370410	0.28099733	2.3085250	21	5 29.7	20.5
353861 2012 VV_{96}	15.9	X	54.88180	213.38391	89.20201	9.47591	0.0733568	0.20888171	2.8132118	21	10 26.4	19.8
353862 2012 VV_{97}	15.4	X	250.78498	308.73784	78.68627	17.78713	0.1222589	0.18625219	3.0366994	21	6 12.9	20.0
353863 2012 VP_{98}	16.1	X	338.61236	169.74867	218.01906	14.35966	0.1417300	0.21600605	2.7510096	21	10 24.5	18.9
353864 2012 VF_{103}	15.7	X	158.68238	193.00651	265.03280	12.87114	0.0961454	0.17255095	3.1953944	21	6 7.1	20.5
353865 2012 VL_{104}	16.0	X	169.94975	78.68793	75.74358	6.67242	0.3009049	0.18928519	3.0041732	21	8 30.9	21.6
353866 2012 WN_{2}	16.6	X	177.34534	250.85916	209.94005	1.71257	0.1392770	0.18142949	3.0902773	21	6 29.8	21.5
353867 2012 WE_{3}	17.0	X	330.65323	73.20740	75.74378	4.38806	0.0518920	0.24454265	2.5325983	21	—	—
353868 2012 WG_{5}	18.6	X	137.20731	200.55234	233.41176	1.30027	0.1940141	0.27565328	2.3382661	21	4 17.2	21.8
353869 2012 WE_{8}	15.7	X	179.37573	339.06642	268.43714	10.78260	0.0863044	0.22815226	2.6524846	21	—	—
353870 2012 WJ_{9}	15.6	X	130.35019	262.99638	265.86790	7.68107	0.0767404	0.18320902	3.0702340	21	7 31.5	20.3
353871 2012 WO_{9}	16.2	X	164.79361	87.07798	76.71081	10.05305	0.1412518	0.18920441	3.0050282	21	9 8.6	21.2
353872 2012 WY_{14}	16.3	X	220.55621	312.23985	88.98584	6.19108	0.1664708	0.17851985	3.1237651	21	5 27.9	21.3
353873 2012 WF_{15}	16.4	X	327.34420	0.86014	80.31580	12.36647	0.1053925	0.22276453	2.6950823	21	12 18.5	19.4
353874 2012 WX_{15}	15.6	X	291.36489	287.40018	77.90387	11.48178	0.1342178	0.19275730	2.9679881	21	7 3.2	19.6
353875 2012 WC_{17}	17.1	X	142.69237	18.41788	91.60585	25.45984	0.2392124	0.28543209	2.2845510	21	6 14.3	20.9
353876 2012 WV_{21}	16.3	X	59.49422	350.61356	21.43298	3.16854	0.1834032	0.23610382	2.5925912	21	—	—
353877 2012 WD_{24}	16.2	X	213.44570	2.26659	86.18805	1.40191	0.1125081	0.18842122	3.0133495	21	7 21.0	20.8
353878 2012 WM_{24}	16.1	X	283.40498	69.38914	52.14610	15.37452	0.0424156	0.22193759	2.7017727	21	12 6.6	19.7
353879 2012 WF_{28}	15.7	X	214.96049	183.84032	253.99958	9.78172	0.1205682	0.18508707	3.0494300	21	7 7.4	20.5
353880 2012 WF_{33}	16.6	X	23.70838	343.91312	71.29551	12.93561	0.1736144	0.23277766	2.6172297	21	—	—
353881 2012 WX_{34}	15.8	X	235.43716	241.44682	131.63514	5.99341	0.1711597	0.17490550	3.1666525	21	5 8.9	20.9
353882 2012 XX_{2}	17.1	X	93.35622	200.91864	289.98952	5.92080	0.0491254	0.27605529	2.3359955	21	4 15.1	20.1
353883 2012 XH_{4}	16.3	X	91.20580	240.82440	118.68516	10.25962	0.2816740	0.24446233	2.5331530	21	—	—
353884 2012 XP_{4}	16.6	X	6.93959	210.85387	152.30130	4.56355	0.1127310	0.21415249	2.7668607	21	11 9.3	19.9
353885 2012 XC_{8}	15.5	X	246.27581	333.31822	73.09831	11.13823	0.1086144	0.18839716	3.0136061	21	7 3.8	20.1
353886 2012 XY_{9}	16.0	X	222.38148	177.34738	285.63283	4.41969	0.1717957	0.19098501	2.9863212	21	8 11.3	20.8
353887 2012 XD_{14}	17.0	X	345.66360	19.93405	4.30536	3.41404	0.1987003	0.21580385	2.7527277	21	11 4.3	19.5
353888 2012 XF_{16}	16.1	X	60.37728	267.66555	78.42957	15.32648	0.2398765	0.23197467	2.6232661	21	—	—
353889 2012 XJ_{17}	15.3	X	90.64054	109.00726	72.12439	13.00271	0.0707349	0.17694572	3.1422640	21	6 30.8	19.8
353890 2012 XF_{29}	16.4	X	46.32553	0.17581	303.30492	1.15757	0.0363872	0.20519658	2.8467935	21	10 5.5	20.1
353891 2012 XX_{33}	16.3	X	155.32850	59.81831	88.16215	4.77294	0.0614239	0.18512339	3.0490311	21	8 4.4	20.8
353892 2012 XA_{35}	15.3	X	320.65596	245.02684	74.64237	17.88502	0.0961617	0.18397306	3.0617277	21	6 20.2	19.2
353893 2012 XK_{37}	16.5	X	239.10446	295.04214	93.85600	6.27302	0.1469207	0.17989843	3.1077862	21	5 31.9	21.3
353894 2012 XV_{37}	15.9	X	302.83165	92.93264	247.84295	7.97640	0.0566415	0.18300711	3.0724919	21	6 27.9	20.0
353895 2012 XQ_{38}	16.3	X	197.17975	334.77176	178.45017	1.91238	0.0088780	0.20251101	2.8719064	21	10 1.0	20.3
353896 2012 XM_{39}	16.8	X	251.34431	207.62530	186.81911	1.52503	0.1696825	0.18615213	3.0377874	21	6 17.3	21.3
353897 2012 XP_{41}	16.1	X	1.19104	47.22789	270.90115	1.05234	0.0389796	0.19337509	2.9616634	21	8 22.4	20.0
353898 2012 XU_{46}	15.4	X	214.59922	110.66111	243.39272	15.33541	0.1847132	0.16385274	3.3075029	21	3 22.3	21.2
353899 2012 XB_{48}	16.8	X	141.04315	11.53626	69.03392	10.18376	0.1335228	0.27168676	2.3609696	21	4 27.5	20.2
353900 2012 XE_{53}	16.2	X	3.54314	101.43214	284.19815	6.96417	0.0630191	0.20887558	2.8132669	21	11 24.9	19.8
353901 2012 XJ_{53}	17.1	X	222.24364	306.77958	99.83810	7.03697	0.1040692	0.28685719	2.2769783	21	6 5.7	20.2
353902 2012 XM_{53}	17.0	X	14.24524	136.72254	100.50019	9.12592	0.0655022	0.27429996	2.3459507	21	5 22.7	19.6
353903 2012 XN_{58}	15.6	X	101.71785	307.82756	236.53183	8.36610	0.0356126	0.18286506	3.0740828	21	7 12.5	20.1
353904 2012 XJ_{67}	15.5	X	236.61518	276.19180	99.66904	15.95271	0.1982724	0.17766414	3.1337874	21	5 14.3	20.8
353905 2012 XT_{76}	16.8	X	305.53641	287.10262	199.16689	1.99455	0.1319340	0.22816455	2.6523893	21	—	—
353906 2012 XY_{84}	16.1	X	201.59463	288.70704	117.59797	16.04678	0.2230897	0.17372873	3.1809362	21	5 20.5	21.8
353907 2012 XP_{104}	16.5	X	148.14742	190.39414	105.12309	12.99589	0.0749045	0.22218667	2.6997531	21	—	—
353908 2012 XR_{105}	17.2	X	334.16577	83.63967	37.27734	5.92532	0.1608189	0.22650780	2.6653072	21	—	—
353909 2012 XB_{110}	17.7	X	207.84173	144.45858	272.71716	6.76241	0.0830436	0.28519394	2.2858226	21	6 3.8	20.9
353910 2012 XH_{116}	18.0	X	243.44394	155.34893	282.09181	3.92989	0.1080399	0.30159957	2.2021602	21	8 13.1	20.8
353911 2012 XQ_{116}	16.8	X	61.77823	251.25453	174.19840	5.75103	0.1821848	0.24698609	2.5158673	21	—	—
353912 2012 XL_{118}	17.3	X	171.40072	35.07475	44.12810	6.11332	0.1345552	0.28104310	2.3082744	21	5 24.2	20.8
353913 2012 XY_{120}	15.9	X	240.73327	279.04575	122.98132	10.22824	0.1649915	0.18542332	3.0457423	21	6 17.2	20.7
353914 2012 XG_{122}	16.4	X	313.57348	272.19829	112.57910	11.93880	0.0899145	0.20182127	2.8784460	21	9 12.7	20.1
353915 2012 XN_{125}	16.3	X	92.79765	205.83416	160.60638	7.43339	0.1827914	0.24334604	2.5408939	21	—	—
353916 2012 XL_{133}	16.8	X	40.20121	358.60648	40.62418	3.71203	0.1739377	0.23451644	2.6042771	21	—	—
353917 2012 XP_{135}	15.5	X	0.41959	47.25913	244.42345	14.88014	0.0191234	0.18610181	3.0383350	21	7 13.5	19.9
353918 2012 XL_{139}	16.7	X	93.14339	124.96986	240.65491	3.75153	0.1002209	0.24026554	2.5625660	21	—	—
353919 2012 XQ_{144}	15.9	X	231.86915	119.63681	287.55412	14.79922	0.2218722	0.17670500	3.1451171	21	6 10.3	21.2
353920 2012 XL_{146}	17.5	X	8.49973	231.91180	210.84647	1.22320	0.1758476	0.23586953	2.5943077	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353921 2012 XW_{147}	16.9	X	100.73046	336.21240	93.14719	7.29574	0.1127565	0.26163945	2.4210322	21	2 16.9	19.8
353922 2012 XN_{149}	15.6	X	312.85748	222.25861	83.60087	14.10913	0.0802999	0.17821365	3.1273422	21	5 26.5	19.7
353923 4531 $P–L$	17.8	X	160.64856	345.26578	31.41401	2.76119	0.2061484	0.26705263	2.3882043	21	3 1.5	21.4
353924 6756 $P–L$	17.6	X	223.45106	181.10987	171.40231	2.39474	0.2511314	0.26938196	2.3744173	21	3 22.9	21.7
353925 1199 $T–2$	16.9	X	62.69978	33.30161	315.61981	1.61608	0.2688795	0.23009711	2.6375170	21	—	—
353926 1101 $T–3$	17.3	X	198.29050	115.21747	312.83232	6.54322	0.2074422	0.28508211	2.2864203	21	6 4.8	21.2
353927 1992 ED_{2}	16.9	X	341.29720	5.58322	158.68451	13.91826	0.2100875	0.23343719	2.6122978	21	—	—
353928 1995 DW_{5}	15.6	X	177.21004	99.86278	349.29413	14.23353	0.1030275	0.16119293	3.3437879	21	6 14.8	21.1
353929 1995 FZ_{10}	16.5	X	337.19770	114.03493	11.26877	13.07206	0.2613016	0.21871973	2.7282076	21	—	—
353930 1995 OX_{17}	13.9	X	327.41714	159.56289	259.75937	7.81269	0.0396657	0.08256008	5.2234326	21	10 25.9	20.7
353931 1995 QL_{4}	17.3	X	74.01349	60.86108	325.30716	4.29746	0.3120633	0.23795812	2.5791050	21	—	—
353932 1995 WZ_{13}	16.3	X	20.39753	253.88727	89.16598	9.03354	0.0762107	0.18743782	3.0238800	21	10 27.8	20.3
353933 1995 WM_{19}	16.0	X	281.76847	354.65160	68.06271	17.69227	0.0998342	0.18387716	3.0627922	21	9 18.9	20.5
353934 1995 WB_{36}	16.7	X	289.36572	327.15099	55.45190	1.57732	0.1806592	0.18197880	3.0840555	21	7 16.3	20.7
353935 1996 RB_{3}	17.3	X	283.31180	340.04937	353.82541	31.20850	0.0583742	0.38685667	1.8653886	21	4 16.9	19.9
353936 1997 EJ_{29}	15.3	X	77.18484	276.99874	358.82286	12.90856	0.1237273	0.18080312	3.0974106	21	10 15.9	19.8
353937 1997 SO_{14}	17.9	X	304.87685	345.88482	351.45288	6.21873	0.2041368	0.28112176	2.3078438	21	5 29.0	20.5
353938 1998 QR_{15}	18.1	X	338.59442	56.90225	320.15153	9.45667	0.5591424	0.21411787	2.7671589	21	9 3.1	16.8
353939 1998 QH_{61}	15.6	X	194.73509	193.59002	154.98854	14.87513	0.1278383	0.24064864	2.5598456	21	2 24.2	19.6
353940 1998 QG_{85}	17.3	X	345.62719	77.64385	257.63864	7.08707	0.2373635	0.29980989	2.2109152	21	8 29.8	18.4
353941 1998 SD_{40}	17.6	X	262.95471	281.67667	350.50335	3.00364	0.1274596	0.23922342	2.5700027	21	1 28.8	21.4
353942 1998 SR_{176}	17.1	X	318.38389	205.27488	143.08921	8.64806	0.2344966	0.29707152	2.2244810	21	7 7.4	18.8
353943 1998 TU_{29}	16.7	X	33.06276	242.60852	146.32125	14.91429	0.3480222	0.22061399	2.7125683	21	—	—
353944 1998 XO_{6}	18.0	X	201.96039	343.08840	117.33987	2.18630	0.1693902	0.28927358	2.2642804	21	7 23.1	21.5
353945 1998 YH_{14}	16.6	X	96.28203	146.16666	228.61864	6.30314	0.0485923	0.22445730	2.6815150	21	—	—
353946 1999 AQ_{28}	16.5	X	27.81554	128.17864	279.14948	4.05909	0.0635605	0.21464884	2.7625938	21	—	—
353947 1999 CT_{8}	18.8	X	85.19831	40.05140	337.12765	44.49893	0.3939766	0.70558679	1.2495944	21	—	—
353948 1999 FH_{5}	18.2	X	83.95084	233.43729	352.17518	0.67063	0.1553315	0.28009694	2.3134697	21	9 6.6	21.1
353949 1999 FL_{93}	17.5	X	242.95158	180.18021	157.89113	8.19921	0.1214767	0.26791767	2.3830609	21	3 29.8	20.9
353950 1999 RP_{30}	15.9	X	312.11993	318.47157	342.30506	22.79032	0.2134705	0.26028884	2.4293999	21	4 5.9	19.4
353951 1999 RE_{39}	16.3	X	108.59415	121.51695	262.22413	15.41959	0.2014786	0.24212674	2.5494170	21	1 11.0	19.5
353952 1999 RL_{84}	15.5	X	13.09516	2.32306	346.30892	14.79475	0.1665281	0.18162892	3.0880149	21	10 22.4	19.4
353953 1999 SC_{21}	15.9	X	4.09967	338.58779	350.29127	9.72360	0.1422955	0.17893842	3.1188919	21	9 14.2	19.3
353954 1999 TH_{73}	16.1	X	4.18802	332.48668	352.73847	10.04230	0.0966624	0.17803853	3.1293925	21	9 7.8	19.9
353955 1999 TG_{87}	17.0	X	54.92910	1.17910	57.22400	8.50594	0.1802807	0.23538997	2.5978301	21	—	—
353956 1999 TQ_{232}	17.5	X	196.69776	185.50069	178.31940	20.47186	0.0839742	0.38578040	1.8688564	21	2 20.7	19.8
353957 1999 TE_{264}	15.7	X	52.81222	236.35340	32.04415	9.48922	0.0647046	0.17323280	3.1870041	21	9 4.9	20.1
353958 1999 TF_{304}	16.3	X	7.85908	332.02456	4.06928	10.55028	0.0669309	0.17685312	3.1433608	21	9 24.9	20.2
353959 1999 UC_{23}	17.7	X	19.38673	252.62517	213.60920	9.55116	0.3934522	0.23433352	2.6056322	21	—	—
353960 1999 UG_{40}	18.0	X	88.43849	91.78680	312.65330	2.31720	0.2675605	0.23956374	2.5675682	21	1 22.2	20.6
353961 1999 VD_{71}	16.5	X	76.00278	353.10282	54.84282	12.83727	0.1724995	0.23686918	2.5870035	21	—	—
353962 1999 VB_{89}	17.0	X	94.87194	343.30817	46.90287	10.74923	0.2057386	0.23810855	2.5780187	21	1 4.1	20.0
353963 1999 VG_{95}	16.8	X	56.33228	20.66218	39.08727	6.07575	0.2667649	0.23675383	2.5878437	21	—	—
353964 1999 VY_{152}	17.5	X	175.72435	266.81150	93.73895	3.47952	0.1152490	0.24418097	2.5350985	21	2 20.3	21.2
353965 1999 WU_{5}	15.4	X	93.77304	210.75810	30.86399	16.75598	0.1706235	0.17799648	3.1298854	21	10 5.5	20.2
353966 1999 XO_{41}	17.2	X	63.30643	255.68895	165.13719	2.47309	0.2979070	0.23629195	2.5912149	21	—	—
353967 1999 XM_{136}	15.7	X	50.15436	87.62791	317.16607	26.47057	0.4203054	0.23134475	2.6280258	21	—	—
353968 1999 XP_{227}	17.2	X	210.85819	75.66075	281.34081	19.53697	0.0849655	0.38052756	1.8860157	21	2 20.4	19.9
353969 1999 XG_{244}	16.8	X	92.01141	1.12436	53.92518	5.93235	0.1030789	0.23915517	2.5704917	21	1 18.1	19.9
353970 1999 YT_{17}	16.8	X	39.91452	70.16109	347.08542	28.65548	0.3586361	0.23248742	2.6194075	21	—	—
353971 2000 AE_{210}	12.6	X	96.33155	24.48064	266.59761	26.81664	0.0134715	0.08383562	5.1703149	21	10 27.9	19.8
353972 2000 AD_{218}	16.9	X	11.80213	192.00613	289.82849	3.92240	0.1703281	0.23212334	2.6221459	21	—	—
353973 2000 BS_{39}	17.1	X	292.50978	123.03055	128.35426	4.82831	0.1798915	0.23497694	2.6008734	21	1 28.3	20.8
353974 2000 CY_{2}	17.1	X	182.35728	94.69899	311.67976	19.72393	0.1021023	0.38160928	1.8824499	21	3 28.8	19.9
353975 2000 CY_{58}	17.3	X	250.20763	309.68168	145.01104	25.82620	0.2310818	0.30519411	2.1848349	21	8 31.6	20.1
353976 2000 CU_{107}	17.6	X	72.70340	75.72652	315.35976	0.87219	0.0921540	0.22733761	2.6588175	21	—	—
353977 2000 CC_{142}	16.8	X	53.04382	299.43689	130.04270	7.92098	0.1678914	0.23134122	2.6280525	21	—	—
353978 2000 DJ_{32}	16.5	X	260.27221	63.39066	152.13833	17.42870	0.1472894	0.22410805	2.6843001	21	—	—
353979 2000 DH_{97}	16.4	X	307.42746	238.17143	327.17397	11.69730	0.1296902	0.22948799	2.6421821	21	—	—
353980 2000 EB_{1}	16.1	X	295.80394	267.43405	322.28552	12.79543	0.1139128	0.23183751	2.6243006	21	1 15.9	20.0
353981 2000 ER_{9}	17.0	X	270.72025	45.23678	176.93316	5.32542	0.2511524	0.22446312	2.6814687	21	—	—
353982 2000 EZ_{13}	16.6	X	259.80017	321.20846	342.25264	52.62801	0.1352710	0.37399547	1.9079126	21	2 26.8	19.3
353983 2000 GM_{43}	17.9	X	90.46384	207.52430	28.54739	1.88993	0.1569376	0.29343742	2.2428095	21	9 30.5	21.0
353984 2000 GN_{84}	16.4	X	312.65241	50.19951	158.60481	18.26680	0.2212606	0.22707183	2.6608918	21	—	—
353985 2000 JW_{60}	17.9	X	109.58404	343.93708	271.84939	1.90375	0.3029997	0.29556752	2.2320208	21	11 21.4	21.9
353986 2000 LV_{1}	16.4	X	64.14972	175.64891	91.57551	26.34100	0.2152774	0.28983532	2.2613538	21	11 2.4	20.2
353987 2000 OQ_{19}	17.2	X	322.22197	168.14870	139.64310	7.98746	0.3025391	0.27804649	2.3248295	21	4 30.6	19.6
353988 2000 QD_{115}	17.3	X	271.76715	25.41168	305.22798	4.66143	0.2588541	0.27189803	2.3597464	21	4 1.2	21.1
353989 2000 QJ_{238}	18.4	X	141.78958	62.05747	52.26532	2.08920	0.1425649	0.27395688	2.3479089	21	6 10.4	21.8
353990 2000 QB_{245}	18.2	X	168.26798	37.44449	340.27894	0.88357	0.1993047	0.26290786	2.4132390	21	3 8.5	21.8
353991 2000 RL_{19}	15.8	X	356.55741	356.94641	331.91282	22.67017	0.1572103	0.18654482	3.0335227	21	8 30.6	19.2
353992 2000 RJ_{59}	17.8	X	194.58659	49.15477	314.57160	2.16620	0.2192220	0.26218195	2.4176913	21	3 13.9	21.9
353993 2000 SU_{18}	16.2	X	262.57716	178.65600	220.30738	4.80988	0.2686326	0.17977588	3.1091984	21	6 23.1	21.2
353994 2000 SL_{56}	16.8	X	184.42356	35.57813	356.65155	5.89553	0.1612010	0.26455734	2.4031977	21	4 7.1	20.5
353995 2000 SG_{70}	16.3	X	316.79171	241.39137	101.45628	0.88449	0.3335598	0.18297533	3.0728476	21	6 9.5	19.7
353996 2000 SB_{106}	17.6	X	214.86705	95.74585	253.63597	1.36437	0.2314448	0.26390387	2.4071632	21	3 12.4	21.7
353997 2000 SA_{184}	17.0	X	326.04148	59.61411	256.06581	5.51229	0.1486263	0.27612212	2.3356186	21	6 14.7	19.3
353998 2000 SJ_{210}	16.8	X	208.33510	216.15664	148.04050	8.69484	0.2084708	0.26408359	2.4060710	21	3 28.5	20.8
353999 2000 SZ_{256}	17.2	X	139.76837	252.65333	171.58995	6.77430	0.2112097	0.26122100	2.4236170	21	4 11.9	20.8
354000 2000 SS_{329}	17.8	X	224.20829	24.55838	356.17856	3.67396	0.1080666	0.26926749	2.3750901	21	5 2.3	21.3

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2021 JULY 5.0 TT

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354001 2000 SX_{371}	17.2	X	30.19717	294.70208	118.94005	5.38732	0.2870387	0.24402880	2.5361523	21	—	—
354002 2000 TR_{4}	17.6	X	147.24110	236.24853	189.89871	3.62810	0.2005113	0.26256115	2.4153629	21	4 19.6	21.2
354003 2000 TR_{44}	17.1	X	169.02176	284.19386	118.94112	5.24008	0.2340628	0.26307559	2.4122131	21	4 14.2	21.2
354004 2000 WE_{65}	17.6	X	118.29742	24.85054	66.12451	3.39388	0.1712919	0.25755746	2.4465455	21	4 18.9	20.8
354005 2000 WW_{90}	16.9	X	142.22577	336.41590	60.44752	3.16398	0.2114481	0.25541322	2.4602192	21	3 11.4	20.5
354006 2001 DX_{11}	15.9	X	75.21099	71.98747	342.52740	11.76568	0.3165084	0.24321752	2.5417889	21	1 21.6	18.0
354007 2001 DC_{41}	16.3	X	348.88777	208.07841	349.49931	12.56100	0.1481229	0.24425111	2.5346132	21	2 8.3	19.2
354008 2001 DQ_{55}	13.7	X	346.32841	83.85487	335.75811	9.86723	0.1134758	0.08416885	5.1566595	21	11 16.4	20.1
354009 2001 DF_{80}	18.3	X	247.90279	31.66656	157.11303	31.77378	0.1881583	0.32693897	2.0868517	21	—	—
354010 2001 FN_{29}	16.8	X	334.02766	67.27872	149.97755	12.08801	0.2235626	0.24214662	2.5492775	21	1 26.6	19.8
354011 2001 FK_{68}	17.2	X	8.81489	108.36035	48.21213	6.20673	0.2484301	0.24163004	2.5529096	21	—	—
354012 2001 FG_{75}	16.1	X	296.45657	215.70259	14.34018	28.57222	0.1342092	0.23881109	2.5729601	21	1 20.9	20.5
354013 2001 FG_{128}	16.4	X	304.76325	105.23692	133.32598	10.06674	0.1662834	0.23828915	2.5767159	21	1 26.7	19.8
354014 2001 HB_{20}	16.5	X	306.55121	133.46294	124.62589	16.94399	0.2061178	0.24021614	2.5629173	21	2 19.0	20.1
354015 2001 LQ_{6}	17.1	X	241.56902	328.21499	292.56016	5.81378	0.3359259	0.22854359	2.6494558	21	—	—
354016 2001 OX_{10}	17.5	X	297.04201	345.11625	356.55750	6.09627	0.2495009	0.29056396	2.2575717	21	5 14.5	20.4
354017 2001 OH_{11}	15.9	X	229.35222	158.27215	110.87585	14.18549	0.2370545	0.22540039	2.6740300	21	—	—
354018 2001 OX_{60}	17.7	X	311.96216	9.36052	329.34019	4.25706	0.2576102	0.29226945	2.2487807	21	6 2.5	20.0
354019 2001 PY_{44}	15.9	X	270.19734	160.03440	225.01812	12.00461	0.4009555	0.18949460	3.0019595	21	5 30.5	20.9
354020 2001 QV_{52}	17.0	X	339.07180	25.72558	340.58475	8.01001	0.2204568	0.29820362	2.2188474	21	10 10.3	18.2
354021 2001 QZ_{106}	17.2	X	17.21319	172.38144	268.94316	17.89418	0.0875872	0.36330513	1.9451587	21	—	—
354022 2001 QP_{136}	17.4	X	326.88100	62.00153	278.17801	5.74090	0.1692792	0.29126078	2.2539695	21	7 23.9	19.2
354023 2001 QP_{176}	16.8	X	183.54926	328.93137	326.67458	4.83030	0.0946797	0.21991729	2.7182942	21	—	—
354024 2001 QU_{176}	17.3	X	358.56810	207.04554	174.86270	2.09217	0.0783159	0.20238799	2.8730701	21	11 14.4	20.7
354025 2001 QN_{234}	17.6	X	251.07376	329.00731	344.81269	19.83210	0.0576649	0.37822943	1.8936476	21	2 24.0	19.7
354026 2001 QL_{242}	17.1	X	275.10761	197.63298	168.02110	6.91811	0.2469009	0.28752923	2.2734289	21	5 25.3	20.4
354027 2001 QJ_{249}	17.7	X	277.33532	318.55982	358.80631	22.53838	0.0887469	0.38087260	1.8848765	21	3 26.8	19.8
354028 2001 QO_{266}	16.4	X	85.99827	26.94585	294.53301	13.46275	0.2629540	0.21010166	2.8023114	21	—	—
354029 2001 RK_{16}	17.5	X	320.23965	181.47961	142.98810	6.94544	0.2032687	0.28999312	2.2605333	21	6 8.3	19.6
354030 2001 RB_{18}	18.6	X	174.95515	175.31766	198.24218	4.17810	0.5391225	0.27378299	2.3489029	21	3 21.5	23.6
354031 2001 RJ_{47}	17.8	X	104.40023	262.84351	168.75440	22.71602	0.0954197	0.37256964	1.9127773	21	1 21.6	19.8
354032 2001 RA_{55}	17.8	X	300.10332	9.01260	346.82941	6.87812	0.1715377	0.29098478	2.2553946	21	6 26.6	20.2
354033 2001 RL_{57}	16.5	X	86.40176	188.23629	159.58747	10.58406	0.1949973	0.21057695	2.7980931	21	—	—
354034 2001 RC_{110}	17.8	X	231.74117	249.85668	156.92427	7.48249	0.2209234	0.28634133	2.2797122	21	6 7.9	21.5
354035 2001 RD_{125}	17.9	X	268.75413	17.49530	6.47839	7.50412	0.1533536	0.28909920	2.2651908	21	6 24.3	21.0
354036 2001 RW_{132}	17.4	X	27.33404	310.33331	24.57268	7.45931	0.1988103	0.30072498	2.2064278	21	12 1.2	19.9
354037 2001 RQ_{137}	16.8	X	153.55647	115.18108	162.60193	9.41827	0.1919659	0.21344202	2.7729972	21	—	—
354038 2001 RK_{142}	18.1	X	163.70115	43.25557	5.34219	21.60734	0.0736658	0.37726266	1.8968813	21	3 21.2	19.9
354039 2001 RN_{145}	15.2	X	205.18850	102.89533	210.58714	5.59834	0.2785781	0.12533685	3.9544267	21	2 4.5	22.1
354040 2001 SC_{3}	17.6	X	251.59833	18.74445	7.85913	8.22495	0.2145733	0.28567912	2.2832338	21	5 28.9	21.1
354041 2001 SW_{5}	17.4	X	205.63992	40.29488	350.59784	24.15883	0.2404555	0.28004939	2.3137315	21	4 13.4	21.8
354042 2001 SB_{28}	17.5	X	43.80214	310.71585	15.27596	6.34297	0.2266390	0.30168637	2.2017378	21	12 15.5	20.4
354043 2001 SA_{29}	18.0	X	269.07398	4.50551	15.76930	5.06943	0.1827588	0.28775979	2.2722144	21	6 14.4	21.1
354044 2001 SS_{92}	17.9	X	276.36901	101.31326	260.07848	2.12685	0.1999695	0.28772455	2.2723999	21	5 25.5	21.0
354045 2001 SH_{145}	18.0	X	269.78375	162.33266	196.29312	6.17420	0.2034346	0.28635700	2.2796291	21	5 14.7	21.2
354046 2001 SY_{151}	17.6	X	240.17116	170.46103	214.21488	3.32987	0.2346779	0.28381661	2.2932119	21	5 15.9	21.4
354047 2001 SP_{156}	16.0	X	131.02936	352.32134	316.17269	7.30796	0.2114071	0.21248576	2.7813106	21	—	—
354048 2001 SH_{162}	17.4	X	199.52206	27.18063	5.90297	21.50974	0.0208252	0.37915331	1.8905702	21	4 6.1	19.1
354049 2001 SC_{190}	17.8	X	95.03346	136.28107	160.34544	4.39384	0.1091374	0.30585831	2.1816707	21	12 21.7	20.9
354050 2001 SM_{255}	18.0	X	205.91013	225.58010	173.25341	4.31869	0.1767846	0.27988773	2.3146223	21	5 7.1	21.6
354051 2001 SP_{296}	16.5	X	222.09761	293.83243	341.64277	12.12510	0.1376343	0.22124590	2.7074008	21	—	—
354052 2001 SC_{314}	17.5	X	260.70151	221.66345	167.35848	9.80879	0.2218970	0.28628560	2.2800080	21	6 12.9	21.0
354053 2001 SL_{325}	17.4	X	263.07744	219.58694	166.81540	9.87439	0.2051842	0.28659029	2.2783917	21	6 14.0	20.8
354054 2001 SF_{329}	16.0	X	259.50697	235.43819	345.63849	25.03766	0.0969707	0.21894021	2.7263757	21	—	—
354055 2001 TA_{33}	17.9	X	165.00203	102.53073	323.44355	4.49530	0.2589109	0.27505998	2.3416273	21	5 5.7	22.0
354056 2001 TJ_{39}	17.5	X	100.60284	191.17264	236.93345	19.22137	0.0795522	0.36645770	1.9339867	21	1 5.2	19.5
354057 2001 TM_{53}	17.8	X	234.50591	359.83154	45.95135	3.92779	0.2205173	0.28480541	2.2879010	21	6 7.8	21.3
354058 2001 TT_{56}	17.7	X	70.47436	119.72287	23.41599	24.35545	0.0576619	0.37596076	1.9012579	21	3 26.4	19.4
354059 2001 TR_{97}	15.7	X	1.81731	6.30431	1.42814	9.53515	0.1166808	0.19734324	2.9218273	21	10 30.3	19.3
354060 2001 TJ_{103}	17.6	X	149.96805	93.82084	17.19813	23.08244	0.2705494	0.27887604	2.3202169	21	6 20.1	22.1
354061 2001 TL_{108}	16.4	X	356.74817	80.56440	292.08657	4.73829	0.1405790	0.19854012	2.9100728	21	10 31.7	19.8
354062 2001 TU_{115}	17.2	X	248.49349	12.38333	5.93032	3.67596	0.3170322	0.28317401	2.2966798	21	5 7.7	21.0
354063 2001 TD_{119}	16.7	X	323.16971	331.89594	357.27467	23.43902	0.1549443	0.28889751	2.2662449	21	7 5.9	19.5
354064 2001 TF_{120}	17.5	X	267.03107	65.69390	289.46224	8.66593	0.2564519	0.28457725	2.2891237	21	4 26.6	21.1
354065 2001 TV_{132}	16.1	X	355.35124	109.16016	285.54187	10.24590	0.1716467	0.20071143	2.8890473	21	12 2.6	19.3
354066 2001 TS_{152}	16.2	X	274.79632	339.00372	79.49563	7.82493	0.3294861	0.18924993	3.0045463	21	7 23.7	20.8
354067 2001 TQ_{177}	17.7	X	192.53067	85.77127	357.17238	2.92820	0.2225379	0.28235759	2.3011049	21	6 19.6	21.5
354068 2001 TF_{185}	17.3	X	259.22356	137.26966	240.21936	4.06969	0.0888636	0.28515303	2.2860412	21	6 11.8	20.2
354069 2001 TS_{252}	18.3	X	204.33675	290.82270	124.47824	3.17227	0.1869594	0.28195678	2.3032850	21	5 26.4	21.9
354070 2001 UQ_{53}	17.4	X	221.59596	24.88979	45.80906	7.78117	0.0906930	0.28498909	2.2869178	21	7 10.3	20.6
354071 2001 UD_{83}	17.6	X	235.90438	329.88724	64.08611	5.00463	0.1751051	0.28255111	2.3000540	21	5 28.3	20.9
354072 2001 UX_{97}	17.5	X	156.62664	219.84873	206.28053	7.61317	0.2045973	0.27519534	2.3408594	21	4 27.8	21.0
354073 2001 UN_{113}	18.1	X	189.74964	218.85017	182.55036	2.05867	0.2233666	0.27755620	2.3275665	21	4 25.7	22.1
354074 2001 UY_{167}	17.4	X	222.70974	77.51166	315.37236	7.01393	0.2532247	0.28020319	2.3128848	21	5 7.9	21.4
354075 2001 UB_{170}	18.0	X	227.04899	103.18445	270.86422	1.68808	0.2008717	0.28006120	2.3136665	21	4 21.7	21.7
354076 2001 UK_{179}	17.1	X	255.09241	98.48738	280.42309	6.42880	0.2156772	0.28512745	2.2861779	21	5 23.1	20.6
354077 2001 UY_{216}	18.1	X	195.89132	58.65492	27.19441	4.62471	0.1869361	0.28195404	2.3033000	21	6 27.3	21.7
354078 2001 UQ_{226}	17.9	X	22.81071	156.25897	162.98332	5.83521	0.1942064	0.29707498	2.2244637	21	11 3.3	20.0
354079 2001 VH_{41}	17.7	X	242.75448	310.84521	68.89690	3.33706	0.2327151	0.28083318	2.3094245	21	5 12.2	21.4
354080 2001 VX_{60}	17.3	X	201.04571	169.76290	261.07625	6.02008	0.1506230	0.28105257	2.3082225	21	6 13.0	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354081 2001 VX_{76}	16.3	X	259.62473	264.13783	89.75758	23.47004	0.2693024	0.28163978	2.3050130	21	5 2.1	20.4
354082 2001 VH_{104}	15.8	X	119.33225	302.22372	40.07982	8.27827	0.3229667	0.21143977	2.7904758	21	—	—
354083 2001 WB_{16}	16.8	X	248.33360	205.66065	230.73586	10.63209	0.2648173	0.18487674	3.0517423	21	7 23.2	22.0
354084 2001 WZ_{20}	17.6	X	197.13184	223.25293	228.25103	2.39329	0.1337232	0.28347520	2.2950528	21	7 7.2	20.9
354085 2001 WO_{25}	18.1	X	186.01001	2.62120	82.67890	3.02814	0.1686549	0.28096029	2.3087279	21	6 17.3	21.5
354086 2001 WZ_{45}	18.0	X	170.48815	227.67546	236.34512	1.88247	0.1848057	0.27953677	2.3165593	21	6 27.6	21.6
354087 2001 WR_{57}	18.4	X	200.47537	6.22409	25.78701	2.67879	0.2154340	0.27795208	2.3253559	21	4 22.0	22.3
354088 2001 WY_{70}	17.9	X	242.87958	321.06353	82.52677	3.43954	0.1053880	0.28402927	2.2920671	21	6 25.7	20.7
354089 2001 XK_{15}	16.1	X	315.30588	146.95372	233.70389	5.61652	0.2247556	0.19057067	2.9906483	21	8 15.4	19.4
354090 2001 XE_{17}	16.9	X	230.83241	53.27405	334.80685	5.38523	0.2572619	0.27972319	2.3155299	21	5 8.8	20.8
354091 2001 XH_{19}	15.6	X	279.40074	334.79031	75.42158	14.61689	0.2261327	0.18586222	3.0409455	21	8 4.1	20.0
354092 2001 XY_{55}	17.8	X	168.15350	356.56933	86.59041	10.21521	0.1881550	0.27614246	2.3355039	21	5 30.2	21.5
354093 2001 XO_{132}	17.8	X	179.96321	221.76170	212.87589	1.79957	0.1930960	0.27727945	2.3291150	21	5 29.2	21.4
354094 2001 XY_{188}	16.3	X	263.22625	305.13875	114.09157	9.93517	0.2277458	0.18319374	3.0704048	21	7 24.3	21.0
354095 2001 XX_{219}	17.6	X	151.67226	84.75955	28.31180	4.01133	0.1698968	0.27784023	2.3259799	21	6 20.9	21.2
354096 2001 XK_{230}	17.5	X	196.55638	10.01814	76.89051	3.60855	0.1672115	0.28056108	2.3109175	21	6 29.7	21.0
354097 2001 XY_{231}	17.3	X	210.26219	154.42162	268.53503	5.82146	0.1137178	0.27993861	2.3143419	21	6 13.6	20.7
354098 2001 XF_{248}	16.2	X	167.73652	258.65970	287.12992	9.68049	0.0179549	0.18569333	3.0427891	21	9 28.1	20.8
354099 2001 XJ_{248}	15.9	X	125.54637	329.87771	289.54010	9.42599	0.1355432	0.18938012	3.0031692	21	11 18.2	20.8
354100 2001 XH_{264}	16.7	X	299.54913	295.20351	96.55576	7.05033	0.2602725	0.18941758	3.0027732	21	7 31.7	20.4
354101 2001 YF_{1}	19.1	X	205.38890	289.86921	279.46752	20.01661	0.3394664	0.54410055	1.4859925	21	—	—
354102 2001 YN_{16}	17.2	X	155.97658	26.92795	85.69920	4.72353	0.2004992	0.27625626	2.3348624	21	6 26.1	20.7
354103 2001 YK_{26}	16.1	X	308.96960	314.86174	60.68500	12.36699	0.2114253	0.18854555	3.0120247	21	8 5.3	19.9
354104 2001 YE_{34}	18.3	X	150.40185	142.90126	335.77866	1.28583	0.1333356	0.27739526	2.3284666	21	6 25.1	21.5
354105 2001 YS_{79}	17.2	X	173.92151	161.87668	300.12632	6.12064	0.1534839	0.27663784	2.3327149	21	6 28.1	20.7
354106 2001 YD_{88}	17.2	X	122.25694	46.00390	100.30789	4.97928	0.1934723	0.27344987	2.3508102	21	7 7.8	20.6
354107 2001 YT_{98}	15.9	X	263.50770	325.27676	93.38237	12.95691	0.1085977	0.18503052	3.0500513	21	8 11.7	20.3
354108 2001 YT_{101}	17.4	X	151.80010	205.79848	266.38151	4.98510	0.1837237	0.27541495	2.3396149	21	6 20.8	21.0
354109 2001 YQ_{112}	15.9	X	298.20249	264.63509	114.72376	16.46446	0.2942335	0.18438071	3.0572132	21	7 6.3	19.8
354110 2002 AB_{3}	16.7	X	126.10655	70.06460	64.47009	23.01275	0.2754075	0.27287791	2.3540940	21	7 1.4	20.8
354111 2002 AU_{13}	15.7	X	252.19794	153.52839	299.70708	13.37589	0.0888690	0.18451917	3.0556836	21	9 4.6	20.2
354112 2002 AS_{17}	16.4	X	206.67795	88.67777	296.64138	20.69672	0.3025309	0.27392723	2.3480783	21	4 7.6	21.2
354113 2002 AZ_{28}	17.3	X	272.96874	180.06508	114.25814	23.73068	0.0441107	0.36773969	1.9294893	21	3 3.2	19.8
354114 2002 AJ_{52}	17.0	X	191.04812	316.53937	127.33532	4.62195	0.1698163	0.27620899	2.3351288	21	6 20.5	20.7
354115 2002 AS_{93}	15.9	X	251.62538	18.66260	102.02010	6.75094	0.0841340	0.18850504	3.0124561	21	10 18.8	20.2
354116 2002 AA_{101}	16.6	X	234.06241	147.09067	291.46400	7.28888	0.1706272	0.18077698	3.0977092	21	7 24.0	21.5
354117 2002 AL_{113}	15.6	X	217.60468	4.29942	106.40490	11.32276	0.0618521	0.18043806	3.1015869	21	8 29.5	20.3
354118 2002 AV_{114}	16.0	X	188.83301	37.01251	122.15599	25.28384	0.2371881	0.18180823	3.0859842	21	9 23.3	21.7
354119 2002 AC_{147}	15.5	X	325.77272	114.55027	294.80448	9.19990	0.0714823	0.19012353	2.9953355	21	10 24.5	19.5
354120 2002 AM_{149}	16.0	X	292.39387	132.30182	316.65449	7.68116	0.0606439	0.18998175	2.9968256	21	10 28.9	20.1
354121 2002 AA_{163}	15.5	X	147.55678	60.32459	147.68012	15.66951	0.2481947	0.18086240	3.0967337	21	10 16.8	21.1
354122 2002 AD_{165}	17.5	X	156.64355	186.74069	277.86123	4.85793	0.1850219	0.27303906	2.3531676	21	6 15.5	21.0
354123 2002 AR_{172}	17.8	X	116.29511	66.98653	86.22095	3.03368	0.1790957	0.27261238	2.3556223	21	7 9.4	21.1
354124 2002 AO_{181}	17.3	X	199.57306	1.07356	52.49405	3.60870	0.1888644	0.27508181	2.3415034	21	5 19.2	21.0
354125 2002 AR_{198}	15.5	X	259.82126	33.15559	47.91639	12.07900	0.1195253	0.18296583	3.0729540	21	9 6.8	20.0
354126 2002 AV_{201}	17.3	X	154.23880	50.45063	52.04888	6.91781	0.1756145	0.27337795	2.3512225	21	6 9.3	20.9
354127 2002 BP_{26}	19.2	X	261.87697	202.75074	347.34843	30.25717	0.3946347	0.44605842	1.6964519	21	—	—
354128 2002 BF_{28}	17.2	X	194.69875	340.86131	91.46389	5.45124	0.1103727	0.27487295	2.3426894	21	6 9.6	20.5
354129 2002 CD_{19}	15.6	X	184.68880	349.59726	123.93186	16.47047	0.1182231	0.17447863	3.1718153	21	7 22.5	20.7
354130 2002 CF_{21}	16.0	X	269.10428	272.51321	134.44936	13.61239	0.3425117	0.18322495	3.0700561	21	7 1.3	21.0
354131 2002 CK_{32}	17.1	X	60.66379	154.79522	64.08852	5.56488	0.1707934	0.27127116	2.3633804	21	7 30.0	19.7
354132 2002 CX_{34}	15.3	X	167.15359	209.05681	339.63481	16.62345	0.1546612	0.18222011	3.0813321	21	9 29.3	20.5
354133 2002 CY_{48}	16.0	X	179.03133	256.93963	300.80892	8.45709	0.2853446	0.18436805	3.0573531	21	10 18.6	21.7
354134 2002 CU_{52}	17.6	X	112.84026	110.06550	307.29950	18.36659	0.0696064	0.36257549	1.9477674	21	1 17.0	19.1
354135 2002 CM_{63}	15.1	X	99.42651	112.55843	115.08722	17.03536	0.0318904	0.17754477	3.1351919	21	9 8.9	19.8
354136 2002 CA_{67}	16.0	X	160.75782	83.55023	125.67034	7.84614	0.1042011	0.18539673	3.0460334	21	10 27.1	20.8
354137 2002 CL_{70}	15.6	X	258.24997	295.90646	125.51219	11.01092	0.0957802	0.17900038	3.1181721	21	8 8.0	20.0
354138 2002 CZ_{71}	17.2	X	180.69966	95.47580	329.08289	10.83823	0.2629218	0.27317999	2.3523583	21	5 14.4	21.6
354139 2002 CR_{73}	17.2	X	151.81088	333.45020	128.96944	8.87131	0.1639787	0.27168414	2.3609848	21	6 8.1	20.9
354140 2002 CF_{82}	17.4	X	103.69705	168.70597	335.40985	4.65037	0.1162862	0.26822343	2.3812495	21	6 1.9	20.5
354141 2002 CV_{85}	15.7	X	133.11439	254.69855	315.90142	14.52555	0.1778366	0.17991361	3.1076114	21	9 24.8	21.0
354142 2002 CP_{89}	17.9	X	134.75089	126.99659	357.31630	2.87862	0.1174788	0.27063655	2.3670735	21	6 13.8	21.3
354143 2002 CK_{93}	17.6	X	97.99244	18.52402	135.72967	2.85033	0.1439064	0.26863290	2.3788292	21	6 14.0	20.7
354144 2002 CB_{94}	12.8	X	152.76362	255.06116	340.46284	22.96297	0.0393238	0.08274793	5.2155240	21	10 22.3	20.2
354145 2002 CF_{109}	15.9	X	218.35956	119.39717	334.80525	15.92294	0.1803955	0.17629879	3.1499463	21	7 31.6	21.1
354146 2002 CY_{111}	16.8	X	179.97089	82.44727	346.44875	9.91027	0.2802184	0.27121652	2.3636978	21	5 20.3	21.2
354147 2002 CG_{117}	16.2	X	172.66779	347.17608	137.30752	5.98348	0.0851034	0.17437381	3.1730862	21	7 23.7	21.1
354148 2002 CU_{122}	16.0	X	206.34566	227.68321	268.10627	3.74020	0.1206407	0.18077742	3.0977041	21	9 7.3	20.9
354149 2002 CH_{125}	17.7	X	140.68101	290.93794	166.32158	5.44696	0.2915797	0.27030545	2.3690061	21	5 30.6	21.7
354150 2002 CZ_{127}	16.1	X	188.89583	157.65892	314.90316	16.82566	0.1734939	0.17569698	3.1571352	21	7 26.1	21.3
354151 2002 CH_{132}	15.8	X	156.32882	197.23763	330.10621	16.47530	0.1435131	0.17525640	3.1624242	21	8 29.1	20.9
354152 2002 CN_{138}	17.6	X	146.81635	296.47664	178.50624	5.32156	0.2065657	0.27265166	2.3553961	21	6 21.2	21.4
354153 2002 CQ_{143}	17.9	X	120.33315	275.37911	247.66281	1.56709	0.1494485	0.27427092	2.3461163	21	7 23.6	21.3
354154 2002 CM_{148}	15.4	X	73.56405	82.49925	147.34620	26.58184	0.1944793	0.17207927	3.2012311	21	8 29.1	19.9
354155 2002 CT_{148}	17.1	X	162.06362	106.58753	312.76263	9.58784	0.1303922	0.26718030	2.3874434	21	4 14.1	20.9
354156 2002 CV_{179}	16.0	X	241.35658	136.10928	313.14920	11.97785	0.0812375	0.18029201	3.1032616	21	8 22.4	20.6
354157 2002 CT_{188}	16.8	X	209.09531	76.14789	44.76554	1.83374	0.1219137	0.17869740	3.1216957	21	8 25.5	21.5
354158 2002 CF_{190}	17.1	X	78.68141	81.46001	119.10272	7.42752	0.0616766	0.27340992	2.3510392	21	7 9.8	19.8
354159 2002 CK_{192}	16.6	X	254.93980	305.65524	119.32812	2.50636	0.1686358	0.17999419	3.1066838	21	7 29.7	21.2
354160 2002 CM_{200}	15.6	X	130.87456	231.64954	333.48687	15.35683	0.0013875	0.17919922	3.1158650	21	9 8.5	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354161 2002 CA_{208}	16.3	X	201.39008	112.18098	115.36919	2.28136	0.2581209	0.18823204	3.0153682	21	12 12.4	21.3
354162 2002 CW_{209}	17.6	X	97.32166	134.29590	29.34515	1.58555	0.1074840	0.26928281	2.3750001	21	6 20.6	20.5
354163 2002 CX_{217}	17.4	X	124.33294	79.00999	340.23979	18.54357	0.0823223	0.36103252	1.9533130	21	2 13.5	19.2
354164 2002 CT_{218}	17.1	X	58.86616	176.34953	358.00013	5.42784	0.1602034	0.26403851	2.4063448	21	5 14.0	19.6
354165 2002 CU_{219}	15.2	X	144.44691	56.09311	156.15534	17.89660	0.1875057	0.17844795	3.1246042	21	10 17.5	20.6
354166 2002 CJ_{254}	17.6	X	117.76068	354.03729	147.58084	2.56860	0.1380681	0.27108837	2.3644427	21	6 20.2	20.8
354167 2002 CZ_{254}	17.2	X	89.07723	348.34035	208.37299	5.02202	0.1510170	0.27316659	2.3524352	21	7 31.7	20.4
354168 2002 CS_{265}	17.9	X	176.65440	110.01329	327.65659	1.49628	0.1501852	0.27328769	2.3517402	21	5 28.7	21.4
354169 2002 CH_{267}	18.0	X	173.43050	97.11047	327.14702	3.64379	0.1681447	0.27006622	2.3704049	21	5 7.6	21.7
354170 2002 CO_{269}	16.2	X	17.52037	304.58320	329.12560	10.62334	0.0360882	0.17310498	3.1885728	21	7 19.6	20.5
354171 2002 CF_{276}	15.0	X	168.82760	267.44827	296.30127	23.92830	0.2509205	0.18135558	3.0911169	21	10 10.8	21.0
354172 2002 CG_{282}	16.3	X	163.40179	212.08953	310.44688	3.83241	0.0963118	0.17724292	3.1387505	21	8 29.7	21.2
354173 2002 CG_{293}	18.1	X	105.78824	344.91671	169.67619	1.03260	0.1280143	0.26963435	2.3729354	21	6 22.1	21.2
354174 2002 CQ_{293}	17.9	X	145.61420	320.74974	152.88430	2.56344	0.1587539	0.27106963	2.3645516	21	6 15.2	21.3
354175 2002 CD_{296}	16.0	X	154.89983	222.34558	337.76153	9.41250	0.0470253	0.18080447	3.0973951	21	10 2.7	20.7
354176 2002 CK_{296}	17.2	X	166.50477	302.82255	125.57414	2.01086	0.1646403	0.26832653	2.3806395	21	5 8.4	20.8
354177 2002 CV_{299}	17.8	X	119.28721	45.92101	132.83138	0.80008	0.1448716	0.27339403	2.3511303	21	8 12.8	21.2
354178 2002 CS_{314}	13.6	X	280.85288	152.05198	306.16207	19.37700	0.1131112	0.08447672	5.1441231	21	9 27.4	20.6
354179 2002 CR_{315}	16.2	X	8.05736	175.23557	159.34873	15.99041	0.0953365	0.17945938	3.1128530	21	9 27.8	20.1
354180 2002 CC_{318}	13.8	X	314.73731	303.03582	135.42910	7.38363	0.0351354	0.08646895	5.0648034	21	11 6.4	20.5
354181 2002 DG	15.7	X	205.01447	121.19709	317.61771	10.99391	0.1329115	0.17344875	3.1843583	21	6 30.5	20.8
354182 2002 DU_{3}	20.7	X	217.48723	245.53450	0.67842	8.70097	0.2381827	0.80412946	1.1452986	21	—	—
354183 2002 DD_{6}	16.7	X	189.65445	159.57754	250.04631	7.01486	0.2898588	0.27412615	2.3469423	21	5 5.5	21.0
354184 2002 DT_{14}	16.0	X	236.19263	282.44374	155.04394	14.07695	0.2470310	0.17921310	3.1157042	21	7 17.5	21.3
354185 2002 EC_{1}	16.2	X	185.51984	97.75285	37.86343	25.80612	0.2804810	0.17646729	3.1479410	21	8 30.4	22.3
354186 2002 EV_{13}	16.9	X	95.48007	241.03200	274.74478	4.41227	0.1730746	0.26766031	2.3845882	21	6 17.1	19.8
354187 2002 EY_{29}	15.1	X	145.40645	254.08259	350.27058	21.08744	0.2269826	0.18103916	3.0947176	21	11 12.7	20.8
354188 2002 EY_{31}	16.1	X	171.85415	350.69380	154.79394	11.73761	0.1100286	0.17465806	3.1696426	21	8 17.5	21.0
354189 2002 EX_{36}	15.8	X	89.18126	60.11092	143.21138	5.82632	0.0849944	0.16974204	3.2305498	21	7 29.0	20.4
354190 2002 EZ_{43}	15.5	X	157.03090	335.46902	174.19884	17.95445	0.1218598	0.17214769	3.2003827	21	8 6.5	20.7
354191 2002 EU_{48}	17.3	X	53.08195	33.55728	177.95096	4.33896	0.1278949	0.26676400	2.3899266	21	6 26.4	19.8
354192 2002 EG_{52}	16.6	X	216.94946	72.61245	115.53021	3.00666	0.2793608	0.18671440	3.0316856	21	11 8.9	21.7
354193 2002 EY_{55}	15.6	X	138.07911	41.75464	162.03214	20.08926	0.2138222	0.17842701	3.1248487	21	10 1.8	21.0
354194 2002 EL_{67}	17.2	X	69.19042	211.64523	330.04934	4.65770	0.1804171	0.26540746	2.3980632	21	6 17.8	19.9
354195 2002 EL_{92}	17.1	X	112.82538	335.94655	180.58492	11.26263	0.1847072	0.26858143	2.3791330	21	7 9.1	20.8
354196 2002 EY_{92}	15.6	X	117.59858	261.53845	343.89138	13.75975	0.2005936	0.18009595	3.1055135	21	10 24.7	20.9
354197 2002 EN_{96}	18.1	X	73.86111	193.63219	336.12775	0.68187	0.1249496	0.26496484	2.4007331	21	5 28.7	20.7
354198 2002 EW_{96}	17.5	X	79.71722	202.52759	15.22017	1.64126	0.1165919	0.27088618	2.3656191	21	8 15.2	20.3
354199 2002 EJ_{102}	15.5	X	177.73929	229.49264	263.64393	8.75635	0.1716419	0.17354441	3.1831880	21	8 5.6	20.8
354200 2002 EU_{109}	18.1	X	125.37119	43.82467	86.03373	2.02427	0.1343557	0.26842180	2.3800762	21	6 12.6	21.4
354201 2002 EV_{111}	17.8	X	84.83426	98.41928	73.36791	0.99194	0.1447070	0.26811823	2.3818724	21	6 20.9	20.6
354202 2002 EF_{120}	13.6	X	348.96053	234.74275	169.11241	9.01067	0.0256984	0.08321274	5.1960839	21	11 7.6	20.4
354203 2002 EW_{120}	15.2	X	2.04910	4.11526	344.98842	26.71913	0.0912448	0.17928802	3.1148362	21	9 25.5	19.3
354204 2002 ER_{128}	17.4	X	159.46989	11.64655	75.65125	1.85552	0.1789771	0.26930586	2.3748646	21	5 26.4	20.9
354205 2002 ES_{129}	15.9	X	78.00934	111.73614	176.13949	13.33977	0.2885903	0.17509569	3.1643590	21	11 23.6	21.2
354206 2002 EC_{133}	17.2	X	81.46188	177.01222	343.52700	4.88262	0.0588227	0.26494395	2.4008593	21	5 14.3	20.2
354207 2002 EV_{134}	15.8	X	171.62180	354.89958	185.55181	11.21153	0.1329518	0.17874735	3.1211140	21	9 29.1	20.8
354208 2002 FT	15.4	X	104.00618	236.63630	7.77474	16.60403	0.2635022	0.17473292	3.1687372	21	10 18.5	20.8
354209 2002 FG_{6}	15.8	X	129.10933	118.40669	125.84999	21.09541	0.4507616	0.17660908	3.1462558	21	11 21.3	22.3
354210 2002 FY_{16}	15.5	X	118.86366	224.81143	358.09575	14.29218	0.0618588	0.17570760	3.1570080	21	9 23.6	20.0
354211 2002 FB_{41}	15.3	X	143.64765	142.10368	78.92080	18.25336	0.1825635	0.17691155	3.1426686	21	10 29.8	20.8
354212 2002 FG_{41}	16.5	X	109.55216	109.23301	127.34506	2.06023	0.1333522	0.17505945	3.1647957	21	10 8.1	21.3
354213 2002 FN_{41}	13.7	X	260.95854	306.88970	188.05603	7.25190	0.1063241	0.08169354	5.2603047	21	10 27.6	20.7
354214 2002 GK_{27}	16.7	X	140.85846	50.37304	168.76069	0.52803	0.1090285	0.18066217	3.0990213	21	10 16.1	21.4
354215 2002 GS_{44}	17.6	X	354.12381	9.76270	206.48477	2.32678	0.1511680	0.25723949	2.4485612	21	3 7.7	19.9
354216 2002 GW_{51}	17.6	X	38.02845	201.20122	18.44182	1.24218	0.1352788	0.26385857	2.4074387	21	6 12.1	19.9
354217 2002 GP_{58}	16.7	X	75.52378	307.24437	203.56735	6.55348	0.1494853	0.26132039	2.4230024	21	5 8.9	19.3
354218 2002 GN_{92}	16.7	X	335.82867	214.84209	22.18526	8.58819	0.0070762	0.25747420	2.4470729	21	3 28.9	19.6
354219 2002 GX_{103}	17.2	X	349.92169	249.58757	14.27421	6.28443	0.1457635	0.26233214	2.4167685	21	5 10.4	19.5
354220 2002 GF_{122}	17.1	X	26.81137	158.88961	74.78227	3.32681	0.1610964	0.26329038	2.4109011	21	6 14.4	19.2
354221 2002 GY_{160}	17.3	X	24.53336	158.70897	80.54927	4.09702	0.1581295	0.26448695	2.4036241	21	6 18.2	19.2
354222 2002 GL_{180}	16.9	X	55.10205	281.22250	251.45450	4.52240	0.1677716	0.26049849	2.4280963	21	5 7.0	19.1
354223 2002 GE_{182}	15.9	X	168.59492	75.47484	151.22702	16.74741	0.1833144	0.18038256	3.1022230	21	11 22.4	21.4
354224 2002 GV_{184}	17.6	X	76.93504	39.69010	128.28103	3.28748	0.1340568	0.26450740	2.4035002	21	6 2.3	20.4
354225 2002 HY	15.1	X	96.99444	249.55401	357.66357	25.17460	0.3550277	0.17465487	3.1696812	21	10 17.2	20.8
354226 2002 JK_{9}	17.7	X	77.99283	345.87464	154.23388	0.31289	0.1677152	0.25843689	2.4409921	21	4 29.9	20.3
354227 2002 JR_{119}	15.4	X	157.47385	90.89357	130.67531	13.45055	0.2000804	0.17852855	3.1236637	21	11 8.3	20.9
354228 2002 JV_{139}	15.9	X	144.69063	166.63213	25.38422	7.66264	0.1420614	0.17284595	3.1917577	21	9 20.2	21.0
354229 2002 KC_{16}	16.8	X	305.44136	72.77076	197.21367	7.98413	0.1807984	0.25279346	2.4771872	21	3 2.5	20.2
354230 2002 LR	15.7	X	143.86776	88.99508	131.70725	30.64423	0.3478365	0.17402531	3.1773211	21	11 4.9	22.1
354231 2002 MS_{5}	16.4	X	202.06592	290.11710	42.98487	6.40622	0.2001378	0.23997148	2.5646590	21	2 16.6	20.7
354232 2002 ND_{45}	16.7	X	163.08893	176.14876	146.13174	13.55518	0.1823044	0.23230682	2.6207649	21	—	—
354233 2002 NF_{48}	16.5	X	220.49855	161.78193	123.09015	16.39896	0.3090570	0.23830421	2.5766073	21	1 3.9	21.4
354234 2002 NB_{50}	16.5	X	175.36091	341.72112	328.67396	7.42496	0.2071296	0.23390053	2.6088468	21	—	—
354235 2002 NM_{74}	16.2	X	146.27307	212.78317	150.23660	22.04336	0.0855759	0.23513921	2.5996767	21	1 18.7	20.0
354236 2002 ND_{75}	17.0	X	172.08465	167.34523	166.93049	9.35078	0.1790760	0.23483295	2.6019365	21	1 19.2	21.2
354237 2002 OL_{11}	16.1	X	234.96283	19.62764	306.63398	11.01385	0.1662874	0.24379341	2.5377845	21	3 1.4	20.3
354238 2002 OR_{27}	17.1	X	244.21320	166.46032	123.23840	4.96814	0.1774938	0.24229604	2.5482293	21	1 28.4	21.1
354239 2002 OZ_{29}	17.1	X	215.23977	158.26013	137.38810	9.62193	0.1560262	0.23815987	2.5776483	21	1 10.8	21.3
354240 2002 PH_{1}	16.2	X	169.32991	13.13860	307.27102	14.50176	0.2633723	0.23075848	2.6324751	21	1 9.8	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354241 2002 PD_4	16.6	X	252.22839	154.24399	153.12958	15.57563	0.1441806	0.24480236	2.5308067	21	2 28.1	20.4
354242 2002 PV_6	16.7	X	237.85930	345.90404	290.11764	18.42631	0.1327915	0.23837446	2.5761011	21	1 8.6	20.6
354243 2002 PR_{13}	16.5	X	161.64527	41.55187	299.04249	8.31097	0.1542103	0.23562713	2.5960867	21	1 16.1	20.2
354244 2002 PT_{33}	16.8	X	132.67319	350.98213	331.91663	9.02420	0.1164230	0.22693512	2.6619603	21	—	—
354245 2002 PF_{77}	16.7	X	233.58192	278.48843	7.02511	5.60939	0.1972488	0.23959995	2.5673095	21	1 15.5	21.1
354246 2002 PL_{81}	16.9	X	230.40610	116.78777	187.43322	8.70667	0.1272942	0.24085348	2.5583940	21	2 2.0	21.1
354247 2002 PK_{100}	16.5	X	256.09652	180.43607	121.67698	10.07310	0.2275550	0.24354034	2.5395423	21	2 21.1	20.7
354248 2002 PR_{101}	16.7	X	210.74320	103.87365	203.98157	8.11164	0.1676725	0.23815578	2.5776778	21	1 19.9	21.0
354249 2002 PM_{103}	16.6	X	164.68398	22.73351	295.60826	10.68415	0.1857172	0.23202528	2.6228846	21	—	—
354250 2002 PU_{131}	16.5	X	108.34194	45.68277	309.02119	13.42683	0.1427573	0.22832772	2.6511255	21	—	—
354251 2002 PR_{186}	16.7	X	65.55289	299.56092	91.33319	3.44334	0.1085066	0.22621105	2.6676377	21	—	—
354252 2002 PN_{193}	16.3	X	167.26228	48.75466	296.38800	9.54052	0.0712051	0.23634489	2.5908279	21	1 19.1	19.8
354253 2002 QX_{11}	16.6	X	132.55867	42.77461	315.65941	12.60082	0.1754467	0.23126025	2.6286659	21	1 11.9	20.3
354254 2002 QM_{22}	17.0	X	258.38758	98.67699	178.18365	6.13070	0.1719887	0.24094161	2.5577701	21	1 24.7	21.2
354255 2002 QA_{27}	16.6	X	112.54681	18.67585	339.41557	13.03886	0.1717326	0.22818206	2.6522537	21	—	—
354256 2002 QZ_{27}	17.0	X	168.17543	168.38297	142.34474	14.21232	0.1671158	0.23133586	2.6280931	21	—	—
354257 2002 QH_{28}	16.5	X	62.50285	27.64573	339.20558	7.90028	0.2512946	0.22041019	2.7142401	21	—	—
354258 2002 QC_{83}	17.3	X	237.20049	62.88573	205.71126	3.38791	0.1841964	0.23715760	2.5849056	21	—	—
354259 2002 QN_{83}	17.1	X	264.17056	48.85387	215.57964	2.69249	0.1674231	0.24023910	2.5627540	21	1 16.1	21.0
354260 2002 QA_{114}	16.8	X	277.99668	302.66732	281.49115	7.99525	0.1349480	0.23543989	2.5974629	21	—	—
354261 2002 QS_{140}	17.1	X	55.40030	92.92736	300.45271	10.10707	0.1867014	0.22280192	2.6947807	21	—	—
354262 2002 QJ_{143}	16.2	X	354.60671	332.21964	143.38739	22.52723	0.0356238	0.22773715	2.6557068	21	—	—
354263 2002 QK_{143}	16.5	X	160.66625	301.01316	41.20177	10.58956	0.1010584	0.23296125	2.6158546	21	1 13.8	20.5
354264 2002 QL_{145}	17.0	X	10.81218	290.25026	101.38674	6.53730	0.3189797	0.21458866	2.7631102	21	—	—
354265 2002 QD_{150}	16.5	X	241.86790	186.90114	105.88248	5.48581	0.1498733	0.24017149	2.5632349	21	2 1.0	20.5
354266 2002 QW_{152}	16.7	X	222.81270	171.78236	107.78484	6.04542	0.2084991	0.23640221	2.5904091	21	—	—
354267 2002 QY_{153}	16.5	X	277.91630	43.79289	177.95756	5.91833	0.0825610	0.23685078	2.5871375	21	—	—
354268 2002 QC_{154}	16.3	X	254.90520	221.52897	32.43529	5.42290	0.2358156	0.23724203	2.5842923	21	—	—
354269 2002 RA_{21}	16.5	X	64.41954	245.72268	156.06813	10.97405	0.2315494	0.22374214	2.6872260	21	—	—
354270 2002 RL_{76}	16.4	X	42.49389	239.11307	164.36279	15.51634	0.1668103	0.22168845	2.7037965	21	—	—
354271 2002 RC_{111}	17.0	X	60.14883	52.92119	330.58708	10.33218	0.2061564	0.22041849	2.7141720	21	—	—
354272 2002 RY_{138}	16.4	X	78.23260	236.00638	115.38585	9.76585	0.2636324	0.22073521	2.7115751	21	—	—
354273 2002 RO_{179}	17.0	X	66.65717	20.08738	358.51547	5.91614	0.0374419	0.22158242	2.7046590	21	—	—
354274 2002 RV_{186}	16.6	X	195.23378	346.78621	319.91123	12.62520	0.1761070	0.23224992	2.6211930	21	1 10.3	20.9
354275 2002 RK_{207}	18.4	X	334.89463	65.84513	328.77536	2.75545	0.1419848	0.31506719	2.1389498	21	11 21.6	20.0
354276 2002 RV_{214}	16.6	X	208.16581	319.73460	353.07892	4.82721	0.2282683	0.23704182	2.5857472	21	1 27.8	21.0
354277 2002 RU_{223}	15.8	X	336.34589	279.45334	50.54948	7.82527	0.1560150	0.20327277	2.8647270	21	7 29.2	19.0
354278 2002 RV_{237}	16.8	X	11.92250	277.28850	155.83550	11.77491	0.2595286	0.22046290	2.7138075	21	—	—
354279 2002 RD_{241}	16.1	X	357.82588	285.39416	153.23522	22.20024	0.0481605	0.22292557	2.6937842	21	—	—
354280 2002 RP_{242}	17.2	X	132.79228	126.32889	195.05918	5.81339	0.1386123	0.22644365	2.6658106	21	—	—
354281 2002 RN_{246}	16.5	X	75.78932	48.41376	338.39306	13.76729	0.1875662	0.22659081	2.6646562	21	—	—
354282 2002 RV_{254}	16.9	X	165.89365	343.20261	325.89848	4.30848	0.1456581	0.22941213	2.6427645	21	—	—
354283 2002 RC_{257}	17.2	X	268.50660	98.18139	154.38878	3.36492	0.2499678	0.23872536	2.5735761	21	1 1.1	21.6
354284 2002 RO_{257}	17.0	X	181.84813	254.69850	65.05282	5.82526	0.2415150	0.23487596	2.6016188	21	1 16.3	21.4
354285 2002 RQ_{263}	16.9	X	357.35551	199.64327	210.39160	6.13844	0.1700528	0.21504491	2.7592006	21	12 30.7	20.1
354286 2002 RG_{269}	16.6	X	21.18716	168.26342	340.62639	7.20927	0.1389201	0.23689332	2.5868277	21	1 28.9	19.2
354287 2002 RO_{271}	17.0	X	307.08638	48.92405	159.05119	18.11867	0.0737900	0.23610248	2.5926010	21	1 4.1	20.9
354288 2002 RT_{273}	17.4	X	27.81122	67.72818	346.94612	5.97269	0.0664272	0.22361658	2.6882318	21	—	—
354289 2002 RX_{282}	17.1	X	43.64477	189.43373	196.63607	5.99707	0.0763203	0.21865054	2.7287831	21	—	—
354290 2002 RM_{290}	16.6	X	102.38358	246.43428	116.43360	10.70786	0.0979760	0.22720846	2.6598249	21	—	—
354291 2002 RO_{290}	16.6	X	321.39171	141.19470	107.03271	8.08305	0.1617567	0.24581277	2.5238667	21	3 4.2	19.8
354292 2002 SK_{12}	16.0	X	165.68474	297.66523	23.05678	15.04819	0.1373841	0.22839000	2.6506435	21	—	—
354293 2002 SD_{72}	16.5	X	293.22955	241.83845	338.37779	14.15819	0.1165059	0.23511022	2.5998904	21	—	—
354294 2002 TL_{60}	16.5	X	44.94471	246.62035	136.17384	10.92011	0.3844814	0.21706738	2.7420351	21	—	—
354295 2002 TA_{71}	16.1	X	16.43108	189.51345	239.54589	10.17445	0.2348400	0.21771899	2.7365613	21	—	—
354296 2002 TO_{73}	16.4	X	3.71487	180.40356	225.55142	8.87235	0.2786059	0.21253813	2.7808537	21	—	—
354297 2002 TE_{108}	15.7	X	344.02449	154.45782	271.41217	11.23089	0.3035032	0.20983515	2.8046837	21	—	—
354298 2002 TX_{110}	16.3	X	341.99210	185.86177	232.87877	9.94163	0.2197657	0.21162960	2.7888069	21	12 17.5	18.9
354299 2002 TK_{114}	16.3	X	27.67299	133.97118	266.34237	8.23705	0.1849633	0.21701114	2.7425088	21	—	—
354300 2002 TW_{127}	16.0	X	14.47160	210.61101	214.47012	13.54753	0.1554567	0.21869235	2.7284352	21	—	—
354301 2002 TB_{148}	16.2	X	58.82945	138.10484	258.96008	8.60324	0.1614923	0.22397757	2.6853425	21	—	—
354302 2002 TQ_{171}	16.4	X	228.23574	311.18512	344.35497	31.03748	0.2031466	0.23646754	2.5899320	21	2 3.3	21.2
354303 2002 TO_{178}	15.9	X	153.49164	92.98926	236.57068	12.87363	0.1013182	0.22533855	2.6745192	21	—	—
354304 2002 TK_{229}	17.0	X	182.50462	106.22952	216.32739	3.15743	0.2421280	0.23236404	2.6203347	21	1 18.8	21.4
354305 2002 TD_{236}	16.2	X	33.03336	37.56989	326.84964	12.64605	0.1924632	0.21328204	2.7743837	21	12 30.8	20.0
354306 2002 TK_{243}	16.7	X	340.54122	68.05385	27.61122	5.71144	0.0662701	0.21710513	2.7417172	21	—	—
354307 2002 TD_{279}	16.3	X	25.16032	33.92914	331.42378	7.24593	0.2420936	0.21234439	2.7825449	21	12 27.6	19.8
354308 2002 TT_{310}	17.0	X	257.86184	166.27872	58.46241	12.83375	0.1399789	0.22603476	2.6690245	21	—	—
354309 2002 TY_{314}	16.7	X	327.68354	328.16730	136.67812	10.58946	0.1735280	0.21395081	2.7685992	21	—	—
354310 2002 TJ_{316}	16.4	X	67.03455	208.51518	126.95655	10.51880	0.2878224	0.21551591	2.7551791	21	—	—
354311 2002 TS_{341}	17.0	X	90.37586	286.74129	73.26518	5.39065	0.1065099	0.22154986	2.7049240	21	—	—
354312 2002 UN_1	16.3	X	357.48257	215.22944	257.86268	4.48304	0.0295600	0.22119461	2.7078194	21	—	—
354313 2002 UP_{37}	15.9	X	319.44994	60.05905	36.65751	10.52766	0.1472610	0.21158907	2.7891630	21	12 21.9	19.1
354314 2002 US_{47}	16.6	X	46.16407	171.44560	209.71841	2.80849	0.2008462	0.21592274	2.7517172	21	—	—
354315 2002 UU_{51}	16.6	X	246.29935	320.90252	297.17439	12.83454	0.0696569	0.23457423	2.6038493	21	—	—
354316 2002 UZ_{77}	16.8	X	16.59682	159.78053	231.76941	2.55850	0.1247906	0.21200379	2.7855244	21	12 30.3	20.3
354317 2002 VW_{47}	16.4	X	305.79490	167.09698	230.71560	12.83879	0.2957985	0.20102291	2.8860622	21	8 7.4	20.0
354318 2002 VX_{69}	16.2	X	357.62074	326.37238	66.33198	9.10035	0.2315498	0.21077865	2.7963077	21	12 14.5	18.9
354319 2002 VF_{139}	16.2	X	324.24563	155.82516	308.79468	7.19838	0.1817812	0.21221918	2.7836393	21	—	—
354320 2002 VG_{139}	16.2	X	166.77988	324.20196	359.52368	9.53865	0.1353095	0.22542920	2.6738022	21	1 1.9	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354321 2002 VB_{144}	16.0	X	161.57109	214.73504	60.45837	10.19482	0.1351074	0.21773745	2.7364066	21	—	—
354322 2002 VA_{146}	16.9	X	347.18693	297.09306	164.24534	3.92629	0.0590123	0.21651611	2.7466874	21	—	—
354323 2002 VC_{147}	16.5	X	65.73255	292.57716	57.73739	0.81892	0.0827975	0.21387708	2.7692355	21	—	—
354324 2002 VF_{147}	16.1	X	32.37656	347.30102	359.16078	9.81532	0.1794860	0.21051988	2.7985987	21	11 30.7	19.9
354325 2002 WM_{1}	16.8	X	358.66401	146.72513	256.78947	7.78025	0.2055895	0.21039042	2.7997467	21	12 27.8	19.7
354326 2002 WL_{3}	16.0	X	339.42290	202.51905	245.03489	11.66254	0.0575430	0.21228096	2.7830992	21	—	—
354327 2002 WO_{30}	16.8	X	359.00050	15.74878	65.78183	4.33753	0.0674382	0.21405021	2.7677420	21	—	—
354328 2002 WR_{31}	15.3	X	281.73792	272.31243	252.64874	11.48824	0.1324070	0.21417933	2.7666296	21	—	—
354329 2002 XB_{12}	16.2	X	62.81553	9.83189	2.20940	7.59400	0.3305543	0.21710052	2.7417560	21	—	—
354330 2002 YL_{16}	16.2	X	342.00208	353.78183	76.35246	15.23246	0.1458067	0.20925079	2.8099029	21	12 26.5	19.3
354331 2002 YP_{34}	17.6	X	236.03998	354.53125	95.62211	7.93920	0.1006812	0.29791365	2.2202870	21	8 27.2	20.4
354332 2003 AD_{1}	18.1	X	160.42644	44.82321	117.51842	27.12655	0.3228606	0.40144312	1.8199245	21	9 16.7	21.7
354333 2003 AK_{4}	16.7	X	325.96085	341.67765	108.05085	6.38008	0.0757383	0.20619306	2.8376142	21	12 23.2	20.0
354334 2003 AR_{74}	16.6	X	270.81445	89.27743	64.22244	7.81477	0.2487158	0.20415033	2.8565116	21	11 28.6	20.2
354335 2003 BC_{7}	17.4	X	280.93830	288.80808	126.56559	5.06766	0.2159967	0.30156360	2.2023353	21	8 18.8	19.5
354336 2003 BW_{45}	16.4	X	268.50517	297.33307	139.30272	6.75237	0.0220794	0.19074016	2.9888764	21	9 22.6	20.6
354337 2003 DV_{4}	16.9	X	257.39326	159.48632	324.90707	9.22712	0.2946052	0.19803232	2.9150454	21	9 25.7	21.3
354338 2003 EB_{4}	18.0	X	17.30074	256.72871	335.33068	20.41391	0.0679844	0.38818531	1.8611297	21	4 19.2	20.0
354339 2003 EZ_{38}	18.5	X	111.00808	197.22489	18.33847	4.77126	0.0819044	0.29175537	2.2514215	21	9 19.0	21.4
354340 2003 FM_{7}	17.3	X	108.85074	192.47948	2.77372	22.96786	0.1843810	0.28636433	2.2795902	21	9 5.3	20.9
354341 2003 FW_{80}	15.3	X	122.27936	43.50484	156.48687	16.31073	0.1961836	0.18081567	3.0972672	21	9 11.9	20.4
354342 2003 FB_{85}	13.0	X	154.88694	315.72749	267.20508	6.47930	0.0323517	0.08324353	5.1948026	21	10 19.1	20.1
354343 2003 FO_{90}	16.7	X	157.61329	256.79732	307.06482	4.56412	0.1796009	0.29473343	2.2362299	21	10 22.6	20.4
354344 2003 FS_{96}	17.6	X	4.97094	125.94376	186.76395	5.62057	0.2163780	0.28655292	2.2785898	21	9 14.4	18.9
354345 2003 FB_{101}	17.7	X	127.47944	203.54615	5.62226	5.21670	0.1275910	0.29147619	2.2528589	21	10 1.3	21.0
354346 2003 FK_{103}	17.6	X	126.98883	162.21846	1.48034	6.00643	0.1107946	0.28557231	2.2838031	21	7 31.1	20.8
354347 2003 FJ_{109}	16.0	X	178.80892	171.24279	36.50530	16.28603	0.1691521	0.19072122	2.9890743	21	11 5.5	20.9
354348 2003 FL_{132}	16.7	X	169.14721	79.07727	158.49497	3.82557	0.1682360	0.19299070	2.9655947	21	12 3.7	21.5
354349 2003 FN_{133}	17.8	X	130.63901	228.39928	321.86255	2.67508	0.1014945	0.28880748	2.2667159	21	9 6.9	20.9
354350 2003 GE	17.6	X	76.57525	328.41134	183.48901	23.28182	0.0452265	0.38301821	1.8778307	21	4 10.9	19.0
354351 2003 GY_{24}	13.3	X	4.50303	331.37431	56.93376	9.63267	0.0481239	0.08258907	5.2222102	21	11 8.0	20.0
354352 2003 GR_{28}	17.7	X	127.22545	63.15657	131.13031	10.10149	0.0808782	0.28858524	2.2678795	21	9 10.5	20.8
354353 2003 GT_{48}	16.0	X	129.72036	77.39754	160.15252	10.49286	0.0727324	0.18738768	3.0244194	21	10 28.6	20.6
354354 2003 GV_{53}	13.1	X	262.40529	57.67825	81.19247	9.98947	0.0342325	0.08337656	5.1892757	21	11 12.6	20.0
354355 2003 GT_{54}	16.0	X	152.83299	88.18858	145.43771	5.57474	0.0948726	0.19032970	2.9931720	21	11 16.1	20.7
354356 2003 HU_{6}	17.8	X	96.81211	211.16179	25.73686	6.66433	0.1899715	0.28873470	2.2670968	21	10 11.4	21.2
354357 2003 HT_{12}	15.6	X	119.72463	169.67863	70.89839	10.75549	0.0663908	0.18362740	3.0655687	21	10 21.9	20.3
354358 2003 HQ_{15}	16.8	X	94.22142	58.34683	157.94392	22.14563	0.1607285	0.28452003	2.2894306	21	9 7.8	19.8
354359 2003 HR_{34}	16.0	X	23.42105	68.10023	203.31352	12.00535	0.1635773	0.17252769	3.1956816	21	7 30.3	20.0
354360 2003 HW_{50}	17.6	X	60.71496	167.54884	70.30293	11.08712	0.2004856	0.28163378	2.3050458	21	9 7.0	20.6
354361 2003 HS_{58}	17.5	X	30.70679	132.91734	154.51028	23.16012	0.1990602	0.28106392	2.3081604	21	9 29.9	20.0
354362 2003 KT_{1}	15.9	X	97.01085	152.27115	127.48040	12.12727	0.1924782	0.18206626	3.0830677	21	11 23.9	21.0
354363 2003 KK_{13}	15.3	X	339.38246	250.25093	68.42610	11.92633	0.0308523	0.17283697	3.1918683	21	7 25.0	19.8
354364 2003 KG_{25}	14.3	X	173.93964	95.69339	121.92560	1.45906	0.0210660	0.08335499	5.1901707	21	11 4.6	21.2
354365 2003 LX_{2}	17.4	X	71.10737	106.73439	172.97161	6.33072	0.4149952	0.28415745	2.2913777	21	11 30.4	21.5
354366 2003 OV_{1}	17.1	X	347.60868	339.56389	304.55400	12.89668	0.2340522	0.27127678	2.3633478	21	5 27.2	19.0
354367 2003 OY_{31}	17.3	X	287.22912	342.24022	303.63256	17.48170	0.0719001	0.37062373	1.9194667	21	2 20.5	19.6
354368 2003 QS_{4}	18.0	X	55.58797	51.85445	204.25873	4.35543	0.2966852	0.27744627	2.3281813	21	10 3.3	20.8
354369 2003 QX_{12}	17.1	X	21.23063	227.56612	58.38544	3.30855	0.2069917	0.27441080	2.3453190	21	9 7.1	19.0
354370 2003 QS_{25}	17.1	X	107.01984	209.71354	182.66061	7.81746	0.2570397	0.24232812	2.5480044	21	1 29.7	20.4
354371 2003 QM_{40}	16.5	X	340.94599	350.75436	317.59817	9.81390	0.2500271	0.27230568	2.3573908	21	6 23.1	18.2
354372 2003 QA_{58}	17.3	X	132.53292	221.72319	131.95384	4.77524	0.2411903	0.24245022	2.5471489	21	1 10.4	20.9
354373 2003 RX_{1}	17.7	X	294.79044	112.39201	159.92740	22.62657	0.0682411	0.36753445	1.9302076	21	2 18.1	19.7
354374 2003 RR_{8}	17.0	X	82.00759	76.73991	281.17246	7.64859	0.4259286	0.23322474	2.6138840	21	—	—
354375 2003 SO_{4}	16.9	X	59.90025	0.66823	27.40534	5.05503	0.2974074	0.23338197	2.6127099	21	—	—
354376 2003 SC_{16}	17.7	X	20.82904	37.05101	198.27426	2.54144	0.1426469	0.26461321	2.4028594	21	6 2.7	19.8
354377 2003 SL_{29}	17.7	X	337.26263	330.90437	200.03417	20.72331	0.0421805	0.35450737	1.9772088	21	—	—
354378 2003 SR_{37}	17.8	X	54.18687	160.89659	234.99628	3.60718	0.3194545	0.23283903	2.6167698	21	—	—
354379 2003 SZ_{71}	17.1	X	284.74433	355.95580	319.26971	6.11971	0.1293783	0.26046406	2.4283103	21	4 11.2	20.5
354380 2003 SK_{116}	17.2	X	81.19659	212.05055	162.59518	5.67637	0.3203943	0.23499849	2.6007144	21	—	—
354381 2003 SR_{120}	17.1	X	96.77415	321.51368	36.42540	9.55888	0.2291521	0.23678442	2.5876208	21	—	—
354382 2003 SH_{123}	17.3	X	145.22982	70.75165	312.57918	3.86462	0.1506138	0.24599884	2.5225939	21	2 17.9	20.9
354383 2003 SE_{149}	17.7	X	58.75053	232.26928	183.75524	5.72298	0.2711212	0.23479603	2.6022093	21	—	—
354384 2003 SP_{170}	17.1	X	61.98241	242.05630	154.76940	10.40321	0.3263491	0.23283683	2.6167864	21	—	—
354385 2003 SR_{184}	17.5	X	312.45034	22.36787	182.66716	22.30120	0.0651081	0.35600623	1.9716553	21	—	—
354386 2003 SG_{234}	17.2	X	102.10045	283.65102	114.97091	3.80306	0.2167484	0.24052386	2.5607309	21	1 27.3	20.0
354387 2003 SY_{261}	17.7	X	112.93888	192.72210	174.73928	7.15064	0.1421017	0.23932531	2.5692732	21	—	—
354388 2003 SD_{268}	17.2	X	345.58187	276.36406	3.77657	3.89345	0.1234319	0.26401631	2.4064798	21	5 30.7	19.5
354389 2003 ST_{301}	16.8	X	353.65121	246.08717	328.50135	6.56916	0.0583542	0.25401602	2.4692325	21	3 14.9	19.8
354390 2003 SM_{305}	17.7	X	164.03885	331.89118	349.75127	18.20937	0.0877096	0.35038130	1.9927008	21	—	—
354391 2003 SX_{323}	17.1	X	303.80527	298.24412	4.70879	6.92357	0.1338582	0.26227402	2.4171255	21	4 20.4	20.1
354392 2003 SC_{326}	17.5	X	24.65940	268.67975	350.15832	2.18137	0.1838879	0.26859617	2.3790460	21	7 25.5	19.3
354393 2003 SH_{328}	17.2	X	295.09899	338.56847	330.34450	6.03497	0.1341653	0.26190276	2.4194092	21	4 15.5	20.5
354394 2003 SP_{332}	17.2	X	97.23781	301.17510	101.12979	8.16288	0.1055365	0.23939995	2.5687392	21	1 7.9	20.1
354395 2003 SA_{380}	17.5	X	39.24985	70.96540	127.63084	2.05502	0.1295958	0.25834481	2.4415721	21	5 12.9	19.8
354396 2003 TM_{36}	16.8	X	23.72219	260.29234	211.94218	12.66254	0.2230691	0.23608052	2.5927618	21	—	—
354397 2003 TJ_{57}	17.0	X	81.69105	126.67305	285.24743	10.79942	0.1171710	0.23898554	2.5717079	21	—	—
354398 2003 UD_{20}	16.4	X	59.66196	180.31759	230.86671	12.51031	0.1162459	0.23250188	2.6192990	21	—	—
354399 2003 UZ_{30}	17.4	X	345.17246	308.58722	326.72768	1.52328	0.1613691	0.26224226	2.4173206	21	5 18.4	19.4
354400 2003 UA_{66}	16.6	X	88.13519	322.10293	73.98127	13.61830	0.1722416	0.23715191	2.5849469	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354401 2003 UP_{77}	17.0	X	123.19405	76.64058	323.58425	5.63619	0.1383333	0.24299525	2.5433386	21	2 13.5	20.4
354402 2003 UG_{108}	17.5	X	98.84040	355.96487	28.43346	4.37402	0.1953820	0.23666977	2.5884564	21	1 1.1	20.4
354403 2003 UB_{150}	17.5	X	66.51976	234.89281	169.50271	4.65355	0.2336925	0.23494924	2.6010779	21	—	—
354404 2003 UV_{158}	17.1	X	51.53448	22.68760	44.10382	2.24921	0.1948855	0.23327552	2.6135046	21	—	—
354405 2003 UW_{166}	17.2	X	69.51888	35.01571	18.69869	7.92602	0.1738076	0.23607400	2.5928095	21	—	—
354406 2003 UJ_{181}	17.2	X	130.11583	286.67444	91.05283	3.89813	0.1904055	0.24082660	2.5585844	21	2 1.5	20.8
354407 2003 UP_{204}	17.0	X	104.74252	2.77566	55.16021	5.42215	0.1809363	0.24138471	2.5546390	21	2 22.2	20.2
354408 2003 UR_{205}	16.4	X	53.60858	159.56435	232.19233	9.24659	0.3967614	0.22996164	2.6385528	21	—	—
354409 2003 UB_{239}	17.1	X	266.32015	331.97254	0.84701	4.04602	0.1810986	0.25809109	2.4431720	21	4 9.4	20.6
354410 2003 UH_{242}	17.5	X	84.64098	320.58918	69.30154	4.26068	0.2082771	0.23495049	2.6010686	21	—	—
354411 2003 UB_{273}	17.1	X	73.22385	328.93068	85.35112	5.48585	0.2574892	0.23489243	2.6014972	21	1 6.2	19.1
354412 2003 UX_{331}	18.2	X	108.93629	96.82501	303.86904	3.65958	0.1835641	0.24330225	2.5411987	21	2 2.2	21.4
354413 2003 UU_{339}	17.1	X	47.22026	249.24513	225.45150	6.33483	0.0842455	0.24201735	2.5501852	21	1 22.3	20.1
354414 2003 VA	16.7	X	92.87787	161.18828	244.94412	7.71363	0.1074801	0.23738676	2.5832418	21	1 6.2	19.8
354415 2003 VT_{11}	17.0	X	54.95227	35.83327	10.16232	13.23369	0.2883182	0.23159717	2.6261159	21	—	—
354416 2003 WM_{1}	17.1	X	78.61406	335.76455	49.31663	4.19880	0.1961856	0.23254158	2.6190008	21	—	—
354417 2003 WD_{10}	16.9	X	124.33871	70.72120	281.73250	8.22049	0.2215987	0.23621587	2.5917712	21	—	—
354418 2003 WO_{12}	17.0	X	135.15694	313.46252	46.01619	20.87554	0.0425371	0.34810817	2.0013662	21	—	—
354419 2003 WY_{21}	16.5	X	37.37226	182.68330	255.76726	9.04952	0.1963655	0.23099619	2.6306688	21	—	—
354420 2003 WX_{22}	17.1	X	142.74728	263.38450	107.75106	2.11546	0.2055412	0.24112186	2.5564953	21	2 8.1	20.8
354421 2003 WR_{53}	16.7	X	43.88046	199.04678	261.32811	7.59026	0.0875480	0.23725982	2.5841631	21	—	—
354422 2003 WW_{55}	16.8	X	168.15757	355.90319	13.87715	6.36348	0.1789821	0.24389788	2.5370598	21	3 1.4	20.8
354423 2003 WC_{71}	16.6	X	116.89650	80.49352	299.97283	13.60611	0.2139338	0.23841191	2.5758313	21	1 22.9	20.0
354424 2003 WB_{75}	16.8	X	264.66263	205.87489	124.73034	3.20310	0.2245357	0.25546458	2.4598894	21	4 3.2	20.7
354425 2003 WG_{84}	16.7	X	76.01054	304.58889	114.12061	4.51801	0.2466304	0.23591669	2.5939619	21	1 16.5	18.8
354426 2003 WP_{84}	16.7	X	4.45476	206.55805	262.95751	11.43183	0.2444081	0.22957856	2.6414871	21	—	—
354427 2003 WN_{122}	17.6	X	65.58525	34.24089	21.53225	4.54045	0.2870402	0.23344574	2.6122340	21	—	—
354428 2003 WH_{130}	16.7	X	48.77246	19.77431	39.02480	7.23112	0.2545329	0.23020730	2.6366753	21	—	—
354429 2003 WB_{134}	16.3	X	65.25729	359.89983	62.76692	15.58961	0.1806172	0.23385659	2.6091736	21	—	—
354430 2003 WU_{145}	17.0	X	30.17265	219.68650	237.43522	5.67177	0.2506503	0.23209352	2.6223705	21	—	—
354431 2003 WU_{166}	17.2	X	75.84777	208.38895	225.91072	9.06686	0.1801193	0.23864260	2.5741710	21	1 24.3	20.1
354432 2003 WU_{192}	17.3	X	65.14675	256.26212	150.41427	3.52268	0.2876375	0.23250953	2.6192415	21	—	—
354433 2003 XO_{12}	16.9	X	19.66961	80.91037	326.34222	11.52440	0.2651089	0.22374254	2.6872228	21	—	—
354434 2003 YL_{10}	16.1	X	126.28794	67.63752	305.96428	9.96192	0.2678060	0.23782302	2.5800817	21	2 1.2	19.8
354435 2003 YA_{14}	16.6	X	108.86904	55.30206	316.21669	12.62324	0.2877280	0.23333412	2.6130670	21	1 15.5	20.0
354436 2003 YW_{19}	16.2	X	342.73497	144.68763	300.31988	12.09878	0.0805543	0.21927401	2.7236080	21	—	—
354437 2003 YW_{36}	16.5	X	271.14982	17.30926	91.21490	10.24052	0.1296413	0.21119124	2.7926646	21	10 26.6	20.2
354438 2003 YN_{68}	16.1	X	14.88239	339.58454	112.80254	18.26302	0.1357659	0.22515676	2.6759586	21	—	—
354439 2003 YS_{88}	17.0	X	22.77930	311.74217	135.02973	5.29561	0.2098957	0.22730015	2.6591096	21	—	—
354440 2003 YG_{89}	16.0	X	13.36987	328.19289	112.82577	14.69384	0.2252745	0.22325514	2.6911324	21	—	—
354441 2003 YX_{105}	16.2	X	64.91299	141.19524	275.82272	11.79842	0.2186750	0.23232571	2.6206229	21	—	—
354442 2003 YS_{108}	17.1	X	68.77505	340.87010	43.44732	3.79974	0.2187269	0.23006179	2.6377870	21	—	—
354443 2003 YE_{112}	16.5	X	76.94831	357.12942	34.13428	6.06112	0.2376808	0.23157208	2.6263056	21	—	—
354444 2003 YN_{114}	16.5	X	84.10924	294.28320	101.68215	5.41071	0.2255314	0.23075834	2.6324761	21	—	—
354445 2003 YG_{129}	16.2	X	4.66737	12.07701	87.75494	15.15965	0.2137516	0.22417481	2.6837672	21	—	—
354446 2003 YT_{142}	16.7	X	29.34075	353.58972	48.79027	9.88471	0.3162976	0.22431565	2.6826437	21	—	—
354447 2003 YB_{145}	16.3	X	75.56021	45.81907	343.80839	11.67238	0.2735611	0.22853365	2.6495326	21	—	—
354448 2003 YP_{167}	16.2	X	54.44174	12.21397	41.54840	13.61145	0.1584009	0.23143187	2.6273662	21	—	—
354449 2004 AQ_{23}	17.6	X	310.82178	261.00365	262.24964	3.00196	0.1213583	0.22342391	2.6897771	21	—	—
354450 2004 BB_{7}	17.0	X	94.33483	350.77380	37.08559	3.78984	0.1894700	0.23025202	2.6363339	21	—	—
354451 2004 BF_{10}	16.4	X	324.01111	28.85480	116.85585	14.07876	0.1019714	0.22209393	2.7005046	21	—	—
354452 2004 BM_{13}	16.0	X	268.74199	128.48767	103.41999	5.26203	0.1414923	0.22592475	2.6698909	21	—	—
354453 2004 BO_{16}	16.3	X	1.79936	181.17781	315.97522	13.39005	0.1899825	0.22942781	2.6426441	21	—	—
354454 2004 BC_{17}	17.0	X	346.47104	69.56600	45.24484	7.74127	0.2319829	0.22314816	2.6919925	21	—	—
354455 2004 BF_{25}	16.6	X	329.00394	223.69778	305.69892	11.78156	0.0557933	0.22766569	2.6562625	21	—	—
354456 2004 BA_{28}	16.3	X	233.79759	269.20934	316.70003	8.64874	0.1729108	0.21807533	2.7335794	21	—	—
354457 2004 BH_{36}	16.3	X	74.01876	277.66909	116.74567	7.75625	0.0663014	0.22427329	2.6829815	21	—	—
354458 2004 BY_{61}	16.3	X	102.23997	259.87536	121.09147	14.77413	0.1549482	0.22970314	2.6405319	21	—	—
354459 2004 BW_{72}	16.9	X	295.66246	85.28040	123.17661	12.94923	0.2440235	0.22502101	2.6770347	21	—	—
354460 2004 BO_{86}	16.3	X	27.23586	315.21827	114.41267	12.55607	0.1638642	0.22261741	2.6962695	21	—	—
354461 2004 BV_{87}	15.6	X	281.08148	221.96830	338.68267	25.71570	0.2922179	0.21824727	2.7321434	21	—	—
354462 2004 BT_{94}	16.2	X	324.79824	244.68283	248.98376	11.97952	0.1256328	0.21966845	2.7203467	21	—	—
354463 2004 BE_{117}	16.1	X	13.63591	117.76650	336.22017	20.88989	0.1126554	0.22330622	2.6907220	21	—	—
354464 2004 BU_{137}	17.1	X	262.69886	237.69486	4.79101	2.84194	0.2073465	0.22561906	2.6723019	21	—	—
354465 2004 BF_{152}	16.7	X	294.24533	256.48251	308.19806	6.75861	0.1885343	0.22509539	2.6764449	21	—	—
354466 2004 BF_{154}	16.7	X	154.56798	25.51693	311.92215	8.19492	0.0437315	0.22770706	2.6559408	21	—	—
354467 2004 CZ_{52}	16.7	X	66.01110	70.29211	311.41288	11.60221	0.2763990	0.22399621	2.6851936	21	—	—
354468 2004 CU_{55}	16.0	X	282.05468	33.43120	162.96338	14.95747	0.1278176	0.21987194	2.7186680	21	—	—
354469 2004 CT_{56}	16.2	X	309.75936	69.52804	103.15896	13.33279	0.0958425	0.22347309	2.6893824	21	—	—
354470 2004 CH_{57}	16.3	X	318.58410	117.70031	358.68732	12.94958	0.1374214	0.21746501	2.7386916	21	—	—
354471 2004 CT_{76}	16.9	X	11.97071	136.24636	316.45998	11.48373	0.2413902	0.22366308	2.6878592	21	—	—
354472 2004 CZ_{82}	16.4	X	298.97625	141.71872	337.39437	8.54647	0.1162421	0.21374577	2.7703695	21	12 19.4	19.8
354473 2004 CR_{93}	16.3	X	260.48442	285.28672	286.20613	8.90196	0.1510136	0.21967502	2.7202924	21	—	—
354474 2004 CE_{102}	16.2	X	242.74132	352.12114	242.92766	9.25458	0.0666653	0.22105904	2.7089263	21	—	—
354475 2004 CE_{103}	16.0	X	255.26607	300.09670	311.06941	14.08246	0.2924435	0.22045155	2.7139006	21	—	—
354476 2004 CS_{128}	15.9	X	116.04914	2.05220	342.36436	12.29909	0.1287766	0.21943428	2.7222817	21	—	—
354477 2004 DM_{14}	15.8	X	320.60587	160.72253	345.33295	21.90091	0.0927871	0.21795977	2.7345455	21	—	—
354478 2004 DT_{40}	17.1	X	239.56881	68.09381	135.93737	8.37642	0.2438246	0.21220424	2.7837700	21	12 24.7	21.1
354479 2004 ES	16.5	X	318.15605	118.70781	22.86908	13.45825	0.2631466	0.21806940	2.7336289	21	—	—
354480 2004 EY_{5}	15.9	X	304.37510	207.41991	10.73944	15.64798	0.2049840	0.22371038	2.6874803	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354481 2004 ET_{12}	16.4	X	253.85438	228.68950	358.69025	8.79181	0.1570650	0.21785382	2.7354321	21	—	—
354482 2004 EV_{15}	16.3	X	347.38060	213.30629	247.66758	2.27641	0.1470419	0.21794779	2.7346457	21	—	—
354483 2004 EK_{25}	17.0	X	306.90757	337.16340	174.73819	9.81672	0.1493786	0.21714250	2.7414026	21	—	—
354484 2004 EB_{30}	16.8	X	265.87510	341.09442	152.28466	2.63332	0.0232986	0.20690761	2.8310774	21	11 30.3	20.7
354485 2004 ES_{58}	16.7	X	245.81519	305.12800	255.32959	10.14159	0.2367678	0.21216673	2.7840981	21	12 27.7	20.6
354486 2004 ED_{75}	16.4	X	352.02890	87.20818	357.27309	9.35057	0.1691170	0.21602300	2.7508657	21	—	—
354487 2004 EC_{76}	15.8	X	277.24644	170.20185	353.78548	17.16390	0.1624125	0.21448133	2.7640319	21	—	—
354488 2004 EK_{82}	16.1	X	314.10738	47.86286	122.44950	13.90065	0.2232331	0.21915387	2.7246034	21	—	—
354489 2004 FB_{13}	16.4	X	280.64155	309.20282	200.33289	13.94867	0.1428336	0.21158561	2.7891934	21	12 25.3	20.0
354490 2004 FD_{32}	16.6	X	274.63757	104.91892	88.61240	19.02367	0.2074035	0.21511349	2.7586141	21	—	—
354491 2004 FJ_{54}	16.3	X	49.51370	255.86207	182.37934	12.71012	0.2498258	0.22526055	2.6751365	21	—	—
354492 2004 FQ_{119}	16.8	X	273.72818	173.06501	17.20618	5.36728	0.1009721	0.21498841	2.7596840	21	—	—
354493 2004 FA_{124}	15.7	X	262.21170	124.04219	137.44136	15.62928	0.2428124	0.22040266	2.7143020	21	1 9.5	20.4
354494 2004 FX_{158}	16.0	X	311.21369	57.62213	107.15208	14.94260	0.0513217	0.22080174	2.7110304	21	—	—
354495 2004 GX_{4}	16.7	X	284.24778	50.62530	129.44464	3.34527	0.2418658	0.21411203	2.7672093	21	—	—
354496 2004 JT_{9}	15.9	X	282.85504	325.09234	79.51876	11.63547	0.1115072	0.18734870	3.0248390	21	8 20.2	20.1
354497 2004 JE_{54}	15.5	X	330.98035	87.78664	222.32454	16.23749	0.1248275	0.17781973	3.1319591	21	6 20.2	19.6
354498 2004 KG_{6}	16.7	X	263.74194	139.07190	96.63276	4.61803	0.1798242	0.21456727	2.7632938	21	—	—
354499 2004 NL_{19}	17.6	X	302.11911	77.79108	256.72968	4.45273	0.2437624	0.28491871	2.2872944	21	5 14.2	20.3
354500 2004 OO_{14}	15.9	X	88.68066	172.98929	114.07601	12.77846	0.2199974	0.18657313	3.0332159	21	11 27.6	20.9
354501 2004 PW_{5}	15.1	X	352.19180	57.03697	309.16875	18.07577	0.0456001	0.18047842	3.1011245	21	9 29.6	19.7
354502 2004 PN_{13}	17.9	X	270.36707	223.45134	133.50257	3.69652	0.1890881	0.28090010	2.3090577	21	5 15.4	21.2
354503 2004 PN_{16}	17.1	X	201.80158	34.23896	340.35544	6.33453	0.3009652	0.26960413	2.3731126	21	3 31.6	21.5
354504 2004 PY_{28}	17.3	X	174.15056	55.51891	333.15607	6.83056	0.2859095	0.26695902	2.3887626	21	3 28.6	21.5
354505 2004 PX_{37}	17.1	X	299.28029	10.75558	322.62798	5.47609	0.2133341	0.28209034	2.3025579	21	5 12.2	20.0
354506 2004 PT_{45}	17.8	X	318.38920	293.86942	20.99374	2.36189	0.1849502	0.28549885	2.2841948	21	5 22.0	20.0
354507 2004 PW_{48}	17.5	X	254.44604	327.16744	36.49654	3.00082	0.2218494	0.27972766	2.3155053	21	5 2.6	21.1
354508 2004 PE_{57}	15.6	X	33.75402	129.20637	163.11728	11.67716	0.0585670	0.17589876	3.1547203	21	9 4.4	19.6
354509 2004 PY_{61}	16.9	X	316.59694	207.41161	128.81790	5.67039	0.2710552	0.28335817	2.2956846	21	6 6.9	18.9
354510 2004 PV_{66}	14.9	X	10.39249	204.61213	119.83512	30.90324	0.2185872	0.17570947	3.1569856	21	10 9.8	19.1
354511 2004 PH_{114}	17.9	X	335.85779	308.24920	20.91546	5.65019	0.2290899	0.28795521	2.2711863	21	7 22.6	19.3
354512 2004 QR_{8}	15.1	X	341.35924	291.00598	19.05390	19.59013	0.1496920	0.17109991	3.2134351	21	7 11.3	19.3
354513 2004 QD_{25}	16.3	X	9.02763	2.77122	317.93735	24.41901	0.1911022	0.29032063	2.2588330	21	9 17.7	18.7
354514 2004 RG_{5}	17.3	X	150.94470	304.54425	100.67262	5.94813	0.2004534	0.26513803	2.3996876	21	3 29.9	21.0
354515 2004 RX_{7}	17.8	X	217.49169	307.28258	74.50209	3.52452	0.2080370	0.27561905	2.3384597	21	4 24.9	21.7
354516 2004 RK_{44}	16.1	X	65.00459	110.42598	180.41869	10.50626	0.1792524	0.18055401	3.1002589	21	11 2.1	20.6
354517 2004 RC_{46}	15.6	X	103.45762	122.37895	163.06330	22.05832	0.1727082	0.18521058	3.0480741	21	12 5.0	20.9
354518 2004 RM_{47}	17.6	X	251.14484	167.91294	170.77329	3.43962	0.2169211	0.27431474	2.3458665	21	3 29.9	21.2
354519 2004 RM_{51}	17.9	X	226.57461	309.50571	48.12796	2.01155	0.2063608	0.27217122	2.3581671	21	4 2.2	21.7
354520 2004 RX_{53}	17.6	X	185.06587	1.59334	46.08749	3.19656	0.2115831	0.27091880	2.3654292	21	4 29.6	21.4
354521 2004 RJ_{60}	17.1	X	263.25825	24.73643	335.67782	5.64869	0.1674501	0.27865123	2.3214646	21	5 11.4	20.5
354522 2004 RV_{77}	17.0	X	328.04409	276.04901	44.25542	5.52454	0.1673539	0.28259789	2.2998002	21	6 23.3	19.1
354523 2004 RF_{80}	17.9	X	201.07939	173.72425	202.81475	1.32306	0.2309405	0.27112014	2.3642580	21	4 3.8	22.0
354524 2004 RP_{84}	17.6	X	247.50405	124.34399	222.99456	6.53585	0.1410142	0.27470351	2.3436527	21	4 10.6	21.0
354525 2004 RZ_{90}	17.6	X	125.03467	76.27897	228.57238	5.77998	0.2465730	0.30999218	2.1622317	21	—	—
354526 2004 RU_{99}	17.7	X	316.97467	24.16223	316.33817	6.31084	0.2149804	0.28520435	2.2857669	21	6 25.6	19.6
354527 2004 RJ_{152}	15.4	X	51.61381	31.74919	240.77543	9.92697	0.2241607	0.17744833	3.1363278	21	9 23.9	19.7
354528 2004 RZ_{157}	15.4	X	29.10510	301.87694	334.18245	14.90880	0.0886715	0.16986968	3.2289312	21	8 12.9	19.6
354529 2004 RZ_{176}	15.4	X	53.91142	81.47032	228.26443	9.51954	0.1311409	0.17965862	3.1105512	21	11 2.5	19.5
354530 2004 RG_{180}	17.1	X	312.16876	16.59583	322.29442	6.06507	0.1302169	0.28372881	2.2936849	21	6 28.9	19.4
354531 2004 RT_{180}	17.3	X	298.75547	77.27330	253.08788	5.78025	0.1382577	0.28000568	2.3139723	21	5 21.9	19.9
354532 2004 RH_{183}	17.7	X	189.92609	83.53283	305.96615	2.08110	0.2291671	0.26900377	2.3766422	21	4 10.1	21.7
354533 2004 RB_{184}	17.6	X	283.84964	109.74895	224.51050	3.25459	0.1742324	0.27802761	2.3249347	21	5 1.3	20.6
354534 2004 RU_{193}	17.1	X	216.27632	24.09447	333.35752	5.01393	0.2250672	0.26931367	2.3748186	21	3 22.2	21.1
354535 2004 RB_{211}	15.3	X	59.30427	331.02092	324.14847	17.48390	0.1674324	0.17825294	3.1268826	21	10 18.5	20.0
354536 2004 RA_{218}	17.1	X	244.42155	78.15196	283.67730	8.88713	0.2430416	0.27397160	2.3478248	21	4 16.0	21.1
354537 2004 RU_{223}	17.7	X	294.56603	337.82794	8.12071	6.79714	0.1366482	0.28175222	2.3043998	21	6 7.1	20.4
354538 2004 RS_{229}	17.6	X	265.78946	90.53323	246.37195	0.99624	0.2225964	0.27465889	2.3439065	21	4 8.9	21.1
354539 2004 RC_{239}	18.1	X	279.73719	199.46391	182.05468	3.38232	0.0596019	0.28421182	2.2910855	21	7 21.5	20.8
354540 2004 RA_{250}	17.9	X	276.26117	51.91441	285.25683	1.36939	0.2249144	0.27763701	2.3271148	21	4 19.1	21.2
354541 2004 RP_{251}	17.8	X	171.00334	275.81195	128.83718	23.51528	0.1610918	0.38569806	1.8691224	21	4 10.3	20.8
354542 2004 RV_{256}	17.8	X	195.20138	254.83253	155.61928	6.02907	0.1842108	0.27347221	2.3506822	21	5 13.3	21.6
354543 2004 RP_{265}	16.5	X	49.39737	194.98137	120.95127	2.30003	0.1677327	0.17974107	3.1095998	21	11 10.8	20.8
354544 2004 RY_{294}	15.4	X	11.23870	335.99066	348.02221	12.19087	0.0479622	0.17212048	3.2007200	21	9 12.1	19.7
354545 2004 RE_{356}	16.9	X	233.40641	299.43289	78.69026	7.18393	0.1107578	0.27484825	2.3428298	21	5 11.3	20.2
354546 2004 SM_{36}	15.6	X	26.69224	347.79380	316.26798	9.47245	0.0127129	0.17244284	3.1967298	21	9 2.5	20.2
354547 2004 SE_{39}	17.4	X	201.57519	329.79873	40.55565	3.23985	0.2016449	0.26776592	2.3839612	21	3 28.7	21.2
354548 2004 SO_{43}	17.6	X	151.50692	109.86907	290.31252	3.82671	0.2195503	0.26401401	2.4064937	21	3 20.6	21.4
354549 2004 SZ_{53}	17.5	X	245.67993	179.31091	186.64506	3.70688	0.2082029	0.27533765	2.3400528	21	4 29.6	21.1
354550 2004 SS_{54}	17.0	X	212.45223	279.76008	110.28290	6.61906	0.2749477	0.27055897	2.3675260	21	5 1.6	21.2
354551 2004 TY_{12}	17.3	X	193.49012	309.71691	70.72913	3.42270	0.2128426	0.26763895	2.3847151	21	4 4.2	21.3
354552 2004 TD_{21}	17.7	X	208.65092	194.84575	193.52124	0.93368	0.1996524	0.27043938	2.3682239	21	4 25.3	21.7
354553 2004 TA_{24}	17.6	X	245.56543	178.12495	206.75546	4.30264	0.1226955	0.27740768	2.3283972	21	6 1.3	20.8
354554 2004 TL_{33}	17.6	X	101.16726	244.44655	223.55975	4.14123	0.1811120	0.26296595	2.4128836	21	4 19.7	20.5
354555 2004 TV_{36}	17.3	X	269.36554	307.50811	17.40846	2.62203	0.2255812	0.27374110	2.3491426	21	3 28.4	20.7
354556 2004 TN_{54}	18.1	X	184.56668	231.78409	188.27024	1.80422	0.1883426	0.26889592	2.3772776	21	5 14.9	22.0
354557 2004 TO_{59}	17.7	X	124.13454	293.20072	135.75187	1.71976	0.1711013	0.26257505	2.4152777	21	3 26.6	21.0
354558 2004 TK_{70}	17.7	X	124.37423	276.80993	157.63093	2.40165	0.3678572	0.26205485	2.4184730	21	4 25.2	21.7
354559 2004 TQ_{71}	17.1	X	159.44293	222.23973	202.90061	6.27773	0.1829655	0.26714227	2.3876701	21	4 28.4	20.7
354560 2004 TK_{72}	17.6	X	293.09141	266.85850	58.61616	1.52700	0.1453067	0.27699478	2.3307105	21	5 5.9	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354561 2004 TQ_{75}	17.2	X	333.15733	42.61053	261.48866	2.72010	0.2458394	0.28062455	2.3105690	21	5 24.2	19.0
354562 2004 TJ_{86}	17.8	X	150.19468	240.34502	189.03024	2.19018	0.1692255	0.26692798	2.3889477	21	4 23.5	21.4
354563 2004 TW_{90}	17.7	X	157.70682	151.23581	263.80212	1.65151	0.1934168	0.26503110	2.4003330	21	4 13.3	21.5
354564 2004 TU_{92}	17.0	X	156.16796	272.94342	208.31951	5.66526	0.0725926	0.27548358	2.3392263	21	7 1.0	20.3
354565 2004 TA_{98}	17.4	X	175.26876	234.06072	189.10236	6.22752	0.1144141	0.26955761	2.3733857	21	5 8.6	20.8
354566 2004 TG_{107}	17.4	X	235.56630	286.78689	72.28118	2.15955	0.2024544	0.27237874	2.3569692	21	4 12.2	21.2
354567 2004 TB_{110}	17.1	X	216.84408	261.10315	125.32457	7.01390	0.2255283	0.27108811	2.3644442	21	5 1.9	21.1
354568 2004 TK_{121}	17.5	X	196.74181	57.77934	343.84499	1.12446	0.1809259	0.26982521	2.3718162	21	5 1.2	21.3
354569 2004 TT_{133}	16.8	X	175.08099	0.52547	49.47518	11.57884	0.1869573	0.26610459	2.3938732	21	4 25.0	20.7
354570 2004 TA_{143}	17.8	X	306.03134	305.43934	28.55501	4.65703	0.2105062	0.28063098	2.3105337	21	5 25.4	20.5
354571 2004 TN_{150}	17.0	X	106.08938	210.03003	11.81312	8.15089	0.0809803	0.28651996	2.2787646	21	9 21.3	20.0
354572 2004 TJ_{181}	15.9	X	29.00415	230.46939	64.44507	2.68754	0.1370764	0.17175480	3.2052614	21	9 11.3	19.9
354573 2004 TS_{202}	17.5	X	232.81062	332.53509	19.21709	5.52938	0.1360482	0.26708442	2.3880148	21	4 3.6	21.1
354574 2004 TP_{275}	18.0	X	123.07188	6.63062	41.96229	1.79695	0.1898999	0.25725393	2.4484695	21	3 2.0	21.2
354575 2004 TN_{279}	17.8	X	204.66765	296.07172	80.00484	2.33015	0.2030968	0.27057287	2.3674449	21	4 7.3	21.6
354576 2004 TA_{342}	17.5	X	170.42441	354.73694	49.23966	3.37164	0.1858195	0.26520075	2.3993092	21	4 12.1	21.3
354577 2004 TW_{366}	17.8	X	164.94363	350.24008	35.75694	3.19204	0.2118634	0.26196404	2.4190319	21	3 17.9	21.5
354578 2004 TK_{367}	17.2	X	200.04463	308.70657	107.19534	4.85241	0.1425737	0.27250270	2.3562544	21	5 24.6	20.9
354579 2004 VJ_{6}	17.5	X	134.58509	343.89054	93.86826	2.96574	0.1939895	0.26223013	2.4173952	21	4 22.1	21.0
354580 2004 VX_{10}	16.6	X	37.25655	117.02350	274.20396	13.40256	0.2189866	0.24154221	2.5535284	21	—	—
354581 2004 VW_{18}	17.6	X	166.14409	123.78408	273.64328	1.69572	0.1737576	0.26350314	2.4096031	21	3 28.5	21.2
354582 2004 VT_{21}	17.5	X	216.67033	326.50565	62.11862	3.20018	0.2329973	0.27024770	2.3693436	21	5 1.9	21.5
354583 2004 VX_{32}	17.2	X	342.30070	247.79549	80.87974	6.91578	0.1905072	0.28290565	2.2981320	21	8 13.6	18.8
354584 2004 VP_{52}	17.3	X	254.03971	131.61843	212.35052	5.77889	0.1865367	0.27034145	2.3687958	21	4 9.9	20.9
354585 2004 VA_{59}	16.4	X	52.07367	348.94715	56.85399	16.17845	0.1298762	0.24416758	2.5351912	21	—	—
354586 2004 WY_{11}	17.3	X	183.32103	95.29820	282.96433	3.47894	0.2433033	0.26440948	2.4040936	21	3 22.0	21.4
354587 2004 XE_{12}	17.2	X	126.79924	33.75654	59.79585	5.36210	0.1578628	0.26081238	2.4261478	21	4 30.1	20.5
354588 2004 XU_{19}	17.2	X	105.18630	18.56992	53.17278	2.14401	0.1601073	0.25460813	2.4654027	21	3 5.9	20.3
354589 2004 XW_{24}	17.1	X	120.02390	321.86139	107.91822	3.39339	0.1874240	0.25634517	2.4542528	21	3 26.9	20.5
354590 2004 XW_{27}	17.2	X	37.13103	20.84577	61.18546	5.39475	0.1482048	0.24444555	2.5332689	21	—	—
354591 2004 XT_{51}	16.8	X	132.80149	204.74739	243.22740	5.34212	0.0573637	0.26241357	2.4162685	21	4 14.1	20.1
354592 2004 XS_{81}	16.2	X	303.02820	8.86044	94.63673	13.00959	0.1497743	0.23016385	2.6370072	21	12 8.2	19.0
354593 2004 XJ_{104}	17.5	X	125.14327	18.47039	58.17647	2.18829	0.1638405	0.25875237	2.4390076	21	4 6.5	20.7
354594 2004 YF_{8}	17.4	X	142.65063	319.31041	87.29236	2.69186	0.1656704	0.25927210	2.4357471	21	3 18.7	20.8
354595 2004 YE_{15}	17.6	X	89.63296	29.35799	84.42700	3.57354	0.1611616	0.25390665	2.4699415	21	4 11.5	20.5
354596 2004 YP_{29}	17.5	X	107.86728	238.69147	197.73229	2.53370	0.2002155	0.25463127	2.4652534	21	3 20.5	20.6
354597 2005 AG_{3}	17.5	X	55.02841	208.51343	306.72503	19.36377	0.0580029	0.37348378	1.9096549	21	2 25.2	19.2
354598 2005 AD_{20}	15.9	X	72.86571	98.51502	282.35098	11.27040	0.2000200	0.23993701	2.5649046	21	—	—
354599 2005 AM_{23}	16.5	X	10.32308	4.34473	109.80145	7.31440	0.2254959	0.23938294	2.5688609	21	—	—
354600 2005 AT_{38}	16.6	X	30.24557	282.43086	272.93391	6.47816	0.0666951	0.25562202	2.4588793	21	4 13.7	19.5
354601 2005 AN_{75}	17.1	X	125.67648	127.08703	307.77761	5.11104	0.0495777	0.25294866	2.4761738	21	3 17.2	20.3
354602 2005 AH_{81}	17.4	X	153.45386	20.88483	355.83349	19.32441	0.0788391	0.36747761	1.9304066	21	1 26.0	19.8
354603 2005 BU_{12}	17.6	X	135.47352	300.16167	120.58657	3.55878	0.1630571	0.25512505	2.4620715	21	3 29.6	21.1
354604 2005 CG_{8}	17.5	X	74.88297	172.82451	322.59862	5.31476	0.1631428	0.25350284	2.4725637	21	4 14.7	20.4
354605 2005 CA_{25}	16.3	X	271.67678	261.75820	285.83769	11.67106	0.1488675	0.23166889	2.6255738	21	—	—
354606 2005 CS_{25}	17.5	X	38.09086	5.09780	151.89594	23.75074	0.0409310	0.36904296	1.9249440	21	2 7.5	19.1
354607 2005 CT_{40}	17.5	X	294.71649	227.05803	24.09865	3.72521	0.0996157	0.24692091	2.5163100	21	2 8.9	20.9
354608 2005 CB_{74}	17.3	X	6.13015	215.78635	331.23620	9.46141	0.0834347	0.24648157	2.5192992	21	2 24.7	20.3
354609 2005 EW_{24}	16.7	X	79.01081	144.14530	358.74010	19.41554	0.0847885	0.37175868	1.9155580	21	3 31.5	18.1
354610 2005 EN_{33}	17.5	X	151.79788	51.77260	351.66989	18.28133	0.1208462	0.36921808	1.9243353	21	3 5.1	19.5
354611 2005 EC_{47}	16.9	X	349.69740	3.28897	173.28096	7.51707	0.1421834	0.24012678	2.5635531	21	1 8.9	20.0
354612 2005 EL_{51}	17.0	X	355.72426	163.41737	14.36801	9.32437	0.1664046	0.24072564	2.5592997	21	1 20.6	20.0
354613 2005 EE_{70}	16.2	X	9.24464	166.40512	19.44351	39.05649	0.2300080	0.24229072	2.5482666	21	3 16.9	19.2
354614 2005 EA_{79}	17.8	X	298.76392	285.79356	343.78266	19.33198	0.0728529	0.36751923	1.9302609	21	2 23.1	19.8
354615 2005 EY_{89}	16.7	X	313.54083	62.41582	147.99241	18.32093	0.1540115	0.24107812	2.5568045	21	1 3.2	20.5
354616 2005 EL_{93}	17.0	X	323.76825	48.42580	177.28900	6.94113	0.2603077	0.23971269	2.5665045	21	1 18.5	20.5
354617 2005 EV_{109}	17.4	X	323.25654	212.66870	346.76572	3.34857	0.1379060	0.24061168	2.5601078	21	1 3.8	20.8
354618 2005 EM_{125}	17.3	X	242.35994	60.93371	179.57858	2.25874	0.1500441	0.22914066	2.6448514	21	—	—
354619 2005 EZ_{126}	17.5	X	15.99417	242.42083	334.09746	4.68567	0.1600051	0.25312995	2.4749914	21	4 20.9	19.7
354620 2005 EO_{143}	18.1	X	21.41550	139.93918	14.44407	2.76321	0.1228413	0.24252923	2.5465957	21	2 4.7	20.8
354621 2005 EE_{144}	17.8	X	355.18864	176.25771	10.98960	3.41496	0.1618874	0.24219070	2.5489682	21	1 31.3	20.5
354622 2005 EN_{157}	17.4	X	55.32919	244.57354	180.53559	7.81266	0.0544778	0.23321099	2.6139867	21	—	—
354623 2005 EC_{175}	17.1	X	300.30113	31.54295	199.56393	6.10825	0.1141868	0.23890477	2.5722875	21	1 17.8	20.7
354624 2005 EL_{181}	17.0	X	300.01879	96.93719	159.56277	13.23024	0.3113757	0.23976570	2.5661262	21	1 25.2	21.3
354625 2005 EV_{184}	16.7	X	83.86970	81.76236	358.88090	11.31471	0.0363380	0.23788968	2.5795997	21	2 3.7	20.1
354626 2005 EY_{235}	15.3	X	347.21860	181.45948	26.69398	2.92306	0.1242754	0.12460166	3.9699663	21	3 15.5	20.4
354627 2005 EO_{250}	15.9	X	267.83294	117.54096	151.59279	30.26717	0.2313318	0.23204443	2.6227402	21	1 22.3	20.6
354628 2005 ET_{251}	17.0	X	102.48006	27.72502	28.24783	22.18699	0.1124076	0.36057811	1.9549537	21	1 1.3	19.2
354629 2005 EY_{311}	17.9	X	60.49411	91.77590	347.52559	11.76974	0.1696856	0.24110583	2.5566086	21	1 5.4	20.6
354630 2005 FR_{1}	16.9	X	359.47519	79.53848	117.41711	8.68786	0.1964677	0.24406362	2.5359111	21	2 17.2	19.3
354631 2005 GD_{24}	17.8	X	341.71355	155.17547	359.07975	1.31336	0.1304708	0.23522683	2.5990311	21	—	—
354632 2005 GJ_{43}	16.1	X	0.91660	165.38860	347.62018	14.14285	0.1378675	0.23703889	2.5857686	21	—	—
354633 2005 GD_{53}	16.4	X	261.10173	202.78162	37.41885	13.37854	0.1272531	0.22933837	2.6433311	21	—	—
354634 2005 GK_{53}	17.1	X	10.86354	103.34805	44.05800	4.77568	0.1196150	0.23488426	2.6015576	21	1 9.8	20.0
354635 2005 GA_{55}	17.1	X	106.40443	193.99277	198.34944	3.56588	0.1631495	0.23513260	2.5997254	21	1 16.9	20.3
354636 2005 GJ_{64}	16.2	X	296.40361	147.19142	121.63545	14.38913	0.1792529	0.24268464	2.5455083	21	2 24.9	19.9
354637 2005 GX_{64}	16.4	X	345.21905	61.78806	146.88717	15.13840	0.0456327	0.24364943	2.5387842	21	2 28.8	19.5
354638 2005 GT_{78}	16.6	X	289.93595	108.61164	128.78590	12.30233	0.1851735	0.23503302	2.6004597	21	1 7.9	20.5
354639 2005 GX_{90}	17.2	X	316.46824	160.82867	357.54136	6.58689	0.0862764	0.22921127	2.6443082	21	—	—
354640 2005 GC_{91}	16.9	X	218.00635	325.57918	321.92580	2.93876	0.0894510	0.23153870	2.6265580	21	1 4.9	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354641 2005 GP_{95}	17.1	X	351.98969	106.77313	65.59751	3.94980	0.1291218	0.23698979	2.5861256	21	1 11.1	20.1
354642 2005 GG_{102}	16.4	X	17.27628	36.19145	51.68530	12.90077	0.1632660	0.22791079	2.6543578	21	—	—
354643 2005 GP_{218}	17.8	X	6.06791	326.76873	180.89764	6.85646	0.1081112	0.23889123	2.5723847	21	1 1.1	20.9
354644 2005 HH_{8}	17.6	X	342.33096	137.11407	78.82527	25.08689	0.0633326	0.36330597	1.9451557	21	2 15.3	20.2
354645 2005 JO_{8}	17.0	X	248.52947	262.76022	35.02641	7.74753	0.1871748	0.23589088	2.5941512	21	2 14.4	21.4
354646 2005 JW_{20}	16.4	X	288.00470	124.62196	86.58299	15.17537	0.1132539	0.23036875	2.6354433	21	—	—
354647 2005 JD_{27}	16.9	X	100.33137	189.24993	134.49556	5.07457	0.2032489	0.21163816	2.7887317	21	—	—
354648 2005 JT_{30}	16.6	X	316.91553	355.33135	204.21874	6.60731	0.1463803	0.23350479	2.6117936	21	—	—
354649 2005 JJ_{44}	16.3	X	234.11334	206.28498	54.20315	10.26088	0.1190167	0.22676975	2.6632543	21	—	—
354650 2005 JR_{45}	16.2	X	26.15588	301.14057	133.47814	22.57640	0.0409079	0.22627576	2.6671290	21	—	—
354651 2005 JG_{100}	16.5	X	159.34373	207.68296	96.54202	10.50885	0.1615764	0.21878205	2.7276894	21	—	—
354652 2005 JY_{103}	16.6	X	344.86859	44.67591	50.02468	6.91319	0.0470272	0.22017119	2.7162040	21	—	—
354653 2005 JV_{129}	16.8	X	177.58132	235.14427	59.72385	12.35812	0.0621766	0.22355153	2.6887533	21	—	—
354654 2005 JB_{131}	16.6	X	76.93852	250.33575	110.39952	9.10314	0.0898676	0.21625402	2.7489062	21	—	—
354655 2005 JM_{147}	16.6	X	201.31684	118.84812	145.50029	13.79643	0.1181265	0.21998299	2.7177530	21	—	—
354656 2005 JX_{147}	16.8	X	292.02977	45.50733	181.26090	12.90914	0.1735596	0.23243802	2.6197787	21	—	—
354657 2005 JT_{157}	16.4	X	303.98289	350.84961	202.87508	6.41564	0.1868895	0.22940784	2.6427975	21	—	—
354658 2005 JV_{162}	17.1	X	309.47093	341.29210	214.78722	3.22372	0.1370859	0.23040267	2.6351846	21	—	—
354659 Boileau	16.4	X	186.32362	151.67127	120.35985	10.01422	0.1281901	0.21811132	2.7332787	21	—	—
354660 2005 LN_{9}	16.4	X	60.77991	240.71140	140.40348	6.87456	0.0524234	0.21547131	2.7555592	21	—	—
354661 2005 LV_{10}	16.8	X	90.03550	178.15149	156.63377	9.19203	0.1910864	0.21007740	2.8025271	21	—	—
354662 2005 LX_{17}	16.7	X	190.84121	141.72580	120.27099	5.16028	0.0609716	0.21886374	2.7270107	21	—	—
354663 2005 LY_{19}	16.3	X	138.54043	120.24507	338.42134	30.00760	0.2399696	0.48614128	1.6018717	21	4 21.4	18.8
354664 2005 LE_{23}	15.9	X	102.94112	358.22295	289.30909	10.14043	0.0817384	0.20217531	2.8750846	21	11 27.9	20.3
354665 2005 LQ_{47}	16.7	X	315.44399	67.42163	125.40693	11.23460	0.0796175	0.22932753	2.6434144	21	—	—
354666 2005 MD_{17}	16.4	X	1.77819	41.19895	289.43328	8.71533	0.1596830	0.18838061	3.0137826	21	9 9.9	19.9
354667 2005 MO_{17}	16.2	X	294.65274	229.07597	126.50105	8.42526	0.1950568	0.18004815	3.1060631	21	6 16.3	20.4
354668 2005 MA_{29}	15.4	X	58.70076	302.67073	283.16994	16.78281	0.0185725	0.18123532	3.0924842	21	7 9.1	19.6
354669 2005 NL_{6}	16.5	X	148.31781	164.97826	130.08827	7.77684	0.0310383	0.20990441	2.8040667	21	—	—
354670 2005 NX_{7}	16.8	X	320.85147	81.52325	270.53659	6.28408	0.1512745	0.18380763	3.0635645	21	7 27.4	20.4
354671 2005 NB_{17}	16.5	X	238.18965	296.04943	341.97122	12.33982	0.3317904	0.22365256	2.6879434	21	1 10.6	21.7
354672 2005 NT_{18}	16.8	X	17.24102	42.45994	279.31199	5.24105	0.1386166	0.19055511	2.9908111	21	9 25.7	20.4
354673 2005 NW_{49}	17.2	X	323.23456	14.61216	308.09477	5.88963	0.1708057	0.30372530	2.1918731	21	6 15.8	18.9
354674 2005 ND_{53}	16.0	X	341.39226	267.29986	129.39663	17.50996	0.0769349	0.19680014	2.9272004	21	11 12.8	20.1
354675 2005 NM_{56}	18.0	X	354.07125	270.04179	119.61703	3.81009	0.1309138	0.32042249	2.1150504	21	12 23.1	19.6
354676 2005 NH_{71}	16.3	X	351.75770	23.07302	315.65235	9.69547	0.1323412	0.18652622	3.0337244	21	9 3.1	19.8
354677 2005 NH_{72}	16.6	X	125.46245	162.23335	153.81426	6.60360	0.1337430	0.20865041	2.8152905	21	—	—
354678 2005 NB_{102}	16.4	X	208.54247	317.10843	306.62879	10.94103	0.1436118	0.21508726	2.7588383	21	—	—
354679 2005 OQ_{3}	16.0	X	161.74093	297.42115	343.21535	11.71750	0.1623260	0.21043728	2.7993310	21	—	—
354680 2005 OD_{9}	16.2	X	356.20654	62.99086	273.57775	8.42620	0.1124066	0.18827347	3.0149258	21	9 5.8	19.9
354681 2005 OP_{17}	15.6	X	258.55949	60.60504	311.77393	26.18100	0.2475267	0.17336256	3.1854137	21	5 14.4	21.3
354682 2005 OC_{27}	15.8	X	305.50066	48.15081	320.17063	16.00128	0.2372917	0.17960211	3.1112035	21	7 15.0	19.7
354683 2005 PM_{4}	16.5	X	283.17013	195.91211	60.02270	10.22881	0.4063083	0.23085107	2.6317712	21	1 7.2	21.4
354684 2005 PM_{9}	16.3	X	58.01069	203.69304	133.74604	5.08699	0.1048171	0.19764803	2.9188228	21	12 11.5	20.5
354685 2005 PB_{19}	15.8	X	283.76019	208.91643	166.08399	9.88001	0.2154185	0.17761049	3.1344185	21	6 23.6	20.4
354686 2005 PV_{23}	16.1	X	10.26952	25.28749	345.15828	10.49508	0.0582457	0.19352942	2.9600887	21	11 8.5	20.2
354687 2005 QK_{1}	15.8	X	291.96170	216.54559	152.81916	19.57573	0.2378772	0.17932490	3.1144090	21	6 24.8	20.5
354688 2005 QY_{11}	16.2	X	329.40649	21.79461	320.50580	17.90608	0.1635386	0.18236723	3.0796747	21	7 31.8	19.7
354689 2005 QV_{22}	15.9	X	256.08386	254.60697	166.98698	10.46875	0.1369508	0.17948620	3.1125428	21	7 29.1	20.6
354690 2005 QY_{35}	15.3	X	284.99639	31.79772	350.29226	16.72065	0.2197952	0.17686536	3.1432158	21	7 6.9	20.0
354691 2005 QS_{64}	15.9	X	356.46625	336.23922	358.36855	6.61529	0.2157061	0.18477337	3.0528805	21	9 12.8	18.9
354692 2005 QE_{86}	15.3	X	59.01553	272.39753	7.93568	11.34556	0.0776263	0.17902142	3.1179278	21	9 26.8	19.5
354693 2005 QR_{97}	15.8	X	250.05443	68.34974	349.78420	15.08344	0.1446180	0.17794898	3.1304424	21	7 23.0	20.7
354694 2005 QE_{101}	15.7	X	296.62115	115.15710	323.26492	11.06508	0.0533778	0.19086271	2.9875968	21	10 20.2	19.9
354695 2005 QR_{103}	16.1	X	321.98748	86.90101	317.98198	7.86458	0.0865266	0.18866414	3.0107623	21	10 12.2	20.1
354696 2005 QB_{117}	16.5	X	206.87897	275.06638	345.44182	6.85926	0.1854574	0.21194470	2.7860421	21	—	—
354697 2005 QN_{153}	15.7	X	258.43165	124.04795	243.79691	6.89588	0.2080890	0.17270087	3.1935449	21	5 18.8	20.6
354698 2005 QS_{175}	16.1	X	33.00920	325.02172	15.84187	9.71052	0.0841154	0.19021423	2.9943832	21	11 6.7	20.1
354699 2005 QV_{175}	15.8	X	336.43026	6.11034	10.40845	11.38022	0.1217367	0.18519276	3.0482696	21	9 30.7	19.4
354700 2005 QG_{188}	15.8	X	189.94466	114.35437	3.70223	18.66289	0.1544819	0.17400744	3.1775387	21	8 8.9	21.2
354701 2005 QV_{189}	16.6	X	44.05697	243.35041	108.93190	2.17327	0.1093116	0.19495885	2.9456021	21	12 12.3	20.4
354702 2005 QW_{189}	16.3	X	282.74586	192.66632	174.91106	9.62059	0.0947218	0.17573160	3.1567205	21	6 30.1	20.8
354703 2005 RS_{11}	15.7	X	285.49212	77.91370	352.03442	9.69501	0.0560951	0.18605026	3.0388962	21	9 27.5	19.8
354704 2005 RK_{22}	15.7	X	356.41493	9.77073	325.83626	11.97870	0.1661820	0.18300800	3.0724819	21	9 7.8	19.1
354705 2005 RC_{27}	15.6	X	251.93198	99.25200	306.93984	16.41252	0.2041834	0.17295065	3.1904694	21	6 30.8	20.7
354706 2005 RO_{29}	15.2	X	297.80594	116.32668	217.33501	25.34423	0.2623124	0.17499817	3.1655344	21	5 13.0	19.6
354707 2005 RJ_{34}	18.0	X	357.47242	158.12556	195.30234	2.06607	0.1953849	0.30938860	2.1650429	21	11 9.6	19.4
354708 2005 RG_{41}	16.1	X	31.53790	337.55547	338.49018	9.63643	0.0997360	0.18744676	3.0237839	21	10 4.6	20.0
354709 2005 RV_{45}	15.8	X	171.04860	352.07833	170.59826	16.99667	0.1230959	0.17790055	3.1310105	21	9 6.8	20.7
354710 2005 RP_{47}	16.0	X	217.57710	329.21281	165.55421	10.11523	0.0462119	0.18369089	3.0648623	21	9 28.2	20.4
354711 2005 SZ_{14}	15.9	X	262.82034	112.15896	351.01700	6.92187	0.0598164	0.18588205	3.0407292	21	10 8.9	20.2
354712 2005 SF_{18}	16.2	X	240.03639	281.17911	188.69272	13.71054	0.0877235	0.18201894	3.0836021	21	9 15.7	20.7
354713 2005 SG_{19}	16.6	X	302.91980	249.33827	13.02012	24.89414	0.5887945	0.23175532	2.6249210	21	1 19.5	22.0
354714 2005 SU_{19}	15.9	X	102.60751	353.81141	314.17931	7.68511	0.0692345	0.19744140	2.9208588	21	12 21.4	20.3
354715 2005 SY_{41}	15.8	X	104.52011	264.48232	356.35359	8.44352	0.0541857	0.18651653	3.0338295	21	10 21.9	20.3
354716 2005 SV_{49}	18.0	X	352.71211	344.85722	27.65986	4.32621	0.1165049	0.31041716	2.1602578	21	11 17.9	19.8
354717 2005 SN_{61}	16.1	X	225.12669	51.44911	25.27805	4.90569	0.1734714	0.17079650	3.2172396	21	7 14.2	21.3
354718 2005 SS_{100}	17.8	X	238.27727	222.05682	217.82328	7.35074	0.1593052	0.29967870	2.2115604	21	8 1.4	21.0
354719 2005 SY_{106}	15.8	X	336.53204	9.99177	319.12140	15.72598	0.2107855	0.18064070	3.0992669	21	7 22.7	19.1
354720 2005 SY_{116}	15.7	X	22.50366	155.22128	180.30230	11.60466	0.0697536	0.18874446	3.0099081	21	10 18.5	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354721 2005 SU_{122}	15.7	X	318.40747	85.50224	277.78374	16.88098	0.1198469	0.18015353	3.1048518	21	8 6.4	19.8
354722 2005 SC_{145}	16.7	X	49.38102	164.84476	163.28436	6.46915	0.0886922	0.18995377	2.9971198	21	11 17.1	20.8
354723 2005 SQ_{145}	15.8	X	246.51687	52.28673	25.15767	10.42523	0.0679555	0.17728453	3.1382593	21	8 22.1	20.5
354724 2005 SX_{155}	16.2	X	207.74960	120.61485	7.71746	9.31555	0.0215237	0.17946906	3.1127410	21	9 11.3	20.7
354725 2005 SZ_{161}	16.3	X	335.53928	35.41778	347.38325	4.03215	0.1240661	0.18394789	3.0620070	21	10 5.8	19.8
354726 2005 SQ_{166}	14.9	X	235.01026	13.05662	42.90768	23.63304	0.1973873	0.17081215	3.2170431	21	6 22.5	20.4
354727 2005 SZ_{170}	16.3	X	238.14451	83.50942	354.63364	9.69253	0.0923206	0.17550647	3.1594195	21	8 8.3	21.0
354728 2005 SX_{192}	15.2	X	336.79922	338.73768	17.50081	14.88382	0.0835535	0.17847811	3.1242522	21	9 10.2	19.3
354729 2005 SE_{193}	17.3	X	271.28081	8.18947	48.16716	9.14796	0.1807784	0.29928183	2.2135151	21	8 15.3	20.0
354730 2005 SA_{194}	15.7	X	135.46259	161.62231	16.17857	9.22321	0.0207286	0.17378098	3.1802985	21	8 18.4	20.3
354731 2005 SR_{195}	16.2	X	246.47624	46.70345	9.20810	11.42438	0.0731755	0.17482546	3.1676189	21	7 23.8	21.0
354732 2005 SK_{219}	17.7	X	343.01185	239.29744	125.99289	8.70317	0.2201531	0.30681506	2.1771328	21	11 1.9	19.0
354733 2005 SB_{229}	15.9	X	161.90899	295.35384	186.56876	10.04638	0.1380545	0.17048025	3.2212171	21	7 9.9	21.2
354734 2005 SO_{230}	15.5	X	175.21843	331.73120	194.73576	27.19723	0.1081584	0.18104148	3.0946912	21	9 13.9	20.5
354735 2005 SE_{232}	18.3	X	288.43697	45.03913	15.08768	0.84702	0.1315041	0.30466248	2.1873758	21	9 24.3	20.0
354736 2005 SW_{254}	15.6	X	348.74826	6.05160	338.58487	8.98027	0.1033377	0.18370021	3.0647586	21	9 7.6	19.3
354737 2005 SQ_{279}	16.8	X	294.96853	265.87817	105.39276	2.28265	0.1935587	0.17563369	3.1578936	21	7 6.9	20.8
354738 2005 SV_{287}	15.9	X	172.01895	34.55084	92.48379	13.77352	0.0904167	0.16883948	3.2420525	21	7 27.7	20.9
354739 2005 SQ_{288}	16.6	X	193.78555	29.89840	86.65612	11.01783	0.0648833	0.17219500	3.1997965	21	8 8.6	21.5
354740 2005 TA_{2}	15.9	X	255.87027	54.52390	0.31336	10.85616	0.0667587	0.17607541	3.1526100	21	8 3.9	20.6
354741 2005 TA_{16}	16.3	X	199.94118	185.74399	357.62909	9.63284	0.0337189	0.19020916	2.9944365	21	11 3.7	20.7
354742 2005 TZ_{65}	15.6	X	15.19186	327.29319	333.26917	9.61578	0.1104810	0.17932148	3.1144486	21	8 24.1	19.2
354743 2005 TU_{68}	16.0	X	90.12501	342.59116	14.81395	12.65377	0.0486868	0.20176893	2.8789438	21	—	—
354744 2005 TT_{79}	15.8	X	292.99906	105.75098	239.13780	7.39712	0.2500054	0.17430567	3.1739131	21	5 22.7	20.3
354745 2005 TV_{82}	17.8	X	3.11703	43.88838	312.83630	3.58448	0.0961809	0.31070351	2.1589303	21	11 8.8	19.9
354746 2005 TM_{90}	16.0	X	152.83685	169.45288	34.88970	11.07923	0.0767377	0.18656166	3.0333402	21	10 11.9	20.7
354747 2005 TO_{100}	15.8	X	56.52913	61.77255	253.58553	6.30038	0.1187761	0.18814741	3.0162724	21	11 11.8	20.1
354748 2005 TW_{104}	17.8	X	270.53403	111.87789	273.29402	2.99202	0.1802057	0.29741378	2.2227741	21	6 24.0	20.7
354749 2005 TR_{123}	16.7	X	224.32306	79.41732	17.93735	4.27971	0.1420890	0.17385363	3.1794125	21	8 10.8	21.7
354750 2005 TB_{148}	16.2	X	95.96935	202.29767	59.41214	6.28917	0.1248602	0.18642962	3.0347723	21	10 25.2	20.7
354751 2005 TU_{148}	16.5	X	192.48265	297.50321	179.77636	9.40975	0.0280513	0.17402334	3.1773451	21	8 5.1	21.2
354752 2005 TU_{156}	16.0	X	110.48255	42.90646	226.18118	7.93007	0.0620012	0.18927279	3.0043043	21	11 11.4	20.5
354753 2005 TO_{157}	16.1	X	231.22598	114.28796	11.86808	8.52353	0.0671988	0.18216830	3.0819164	21	9 30.0	20.6
354754 2005 TQ_{159}	15.9	X	230.95827	191.92160	254.03793	4.83925	0.1067854	0.17319591	3.1874567	21	8 3.8	20.9
354755 2005 TV_{163}	15.6	X	158.70543	173.06126	13.00385	10.13414	0.0400429	0.17981646	3.1087306	21	9 24.2	20.0
354756 2005 TL_{177}	15.4	X	281.69891	144.01777	242.35186	9.97061	0.0922605	0.17563138	3.1579214	21	7 21.1	19.9
354757 2005 TE_{196}	16.0	X	102.06729	270.31291	13.18619	9.38051	0.0902360	0.18946344	3.0022886	21	11 19.7	20.6
354758 2005 UB_{8}	15.5	X	34.09862	94.83026	226.25044	10.64899	0.0971269	0.18286084	3.0741301	21	10 15.6	19.5
354759 2005 UC_{50}	17.5	X	264.55561	55.79679	16.13191	5.29173	0.1645979	0.30168466	2.2017461	21	8 29.1	19.9
354760 2005 UG_{54}	18.2	X	49.92536	188.96348	146.92192	2.02319	0.1184844	0.31415310	2.1430969	21	12 24.5	20.7
354761 2005 UO_{57}	15.8	X	251.51920	29.45857	29.77801	6.49480	0.1744494	0.17192463	3.2031503	21	7 19.4	20.7
354762 2005 UW_{67}	17.8	X	283.97885	266.90562	122.05121	3.67723	0.2072422	0.30000602	2.2099515	21	7 14.3	20.3
354763 2005 UA_{69}	17.3	X	1.15327	103.29824	229.01830	5.40395	0.1243525	0.30563251	2.1827451	21	9 29.2	19.2
354764 2005 UQ_{69}	17.9	X	326.97862	160.60408	224.47707	3.62074	0.1626146	0.30666189	2.1778577	21	10 16.2	19.1
354765 2005 UZ_{69}	15.1	X	188.87820	251.25231	248.91996	14.83411	0.1816161	0.17363912	3.1820304	21	8 19.4	20.7
354766 2005 UP_{72}	17.7	X	338.15721	326.03849	38.08826	7.18207	0.1341439	0.30519398	2.1848355	21	10 8.6	19.2
354767 2005 UE_{81}	17.9	X	290.74139	49.15078	334.44238	5.66064	0.1712389	0.30027918	2.2086110	21	7 25.3	20.0
354768 2005 UR_{84}	15.6	X	64.63407	100.52721	209.73065	12.41083	0.1054750	0.18658650	3.0330710	21	11 14.9	19.9
354769 2005 UJ_{92}	15.1	X	32.85224	57.30747	239.94293	14.95036	0.0995334	0.17718526	3.1394313	21	9 7.6	19.5
354770 2005 US_{92}	16.1	X	44.77678	293.17016	4.81095	5.12713	0.1297507	0.18026572	3.1035633	21	10 6.6	20.1
354771 2005 UE_{94}	15.9	X	320.49090	320.48814	13.14492	6.34241	0.1502611	0.17214129	3.2004620	21	7 3.7	20.0
354772 2005 UX_{109}	18.0	X	223.16108	122.85148	325.04354	2.39298	0.1139057	0.29524252	2.2336585	21	8 2.8	21.0
354773 2005 UV_{112}	18.4	X	301.89332	88.55075	286.99316	1.74549	0.2109124	0.30026682	2.2086716	21	7 23.7	20.4
354774 2005 US_{117}	18.4	X	242.31316	165.43217	321.53623	1.45965	0.0793544	0.30773587	2.1727877	21	10 28.9	20.8
354775 2005 UB_{123}	16.5	X	104.85994	225.53993	45.59108	0.92730	0.1129841	0.18604087	3.0389985	21	11 11.8	21.2
354776 2005 UK_{125}	15.7	X	124.39713	172.91559	43.38807	14.43511	0.1421014	0.17648239	3.1477614	21	10 3.7	20.8
354777 2005 US_{142}	18.1	X	308.30814	166.14903	227.09637	3.18295	0.1351237	0.30363420	2.1923115	21	9 17.2	19.8
354778 2005 UA_{155}	18.6	X	243.38280	183.28389	244.92168	1.16110	0.1273224	0.29631980	2.2282415	21	7 28.5	21.4
354779 2005 UW_{156}	15.9	X	0.13196	111.81409	227.35507	8.32797	0.1154082	0.17956752	3.1116030	21	9 16.5	19.8
354780 2005 UO_{165}	16.4	X	99.16887	32.06694	217.44464	2.17857	0.0157626	0.17987472	3.1080593	21	9 28.4	20.8
354781 2005 UH_{170}	16.3	X	333.81307	79.10782	241.16287	6.62710	0.0506307	0.16956914	3.2327454	21	7 14.7	20.8
354782 2005 UO_{181}	17.9	X	262.43268	194.31888	203.98801	4.06287	0.1045887	0.29542111	2.2327582	21	7 13.3	20.7
354783 2005 UP_{202}	16.2	X	328.80160	291.00388	84.71919	3.04923	0.0593137	0.17800699	3.1297623	21	9 20.5	20.3
354784 2005 UO_{220}	17.5	X	303.29412	46.22164	6.71427	5.46884	0.0812608	0.30629515	2.1795959	21	10 16.3	19.4
354785 2005 UV_{252}	15.3	X	293.19798	137.28052	243.92149	9.13777	0.0947083	0.17248843	3.1961665	21	7 29.2	19.8
354786 2005 UY_{254}	15.9	X	292.32884	27.04873	352.59086	15.75703	0.0879528	0.17580635	3.1558258	21	8 4.9	20.3
354787 2005 UG_{259}	15.6	X	144.33079	349.66546	209.60927	9.85148	0.0625585	0.17777491	3.1324855	21	9 21.3	20.4
354788 2005 UR_{260}	17.8	X	228.11633	280.60141	180.39758	2.27340	0.1132114	0.29900317	2.2148901	21	8 27.0	20.5
354789 2005 UJ_{277}	18.1	X	306.09061	215.50178	221.76525	2.05682	0.0301485	0.31089035	2.1580652	21	12 1.9	20.4
354790 2005 UX_{299}	16.0	X	26.54753	237.78448	51.43977	12.30872	0.0376208	0.17202533	3.2019002	21	8 25.4	20.6
354791 2005 UK_{314}	15.3	X	19.63864	255.08775	65.12677	12.49398	0.1707381	0.18240745	3.0792220	21	10 9.9	19.1
354792 2005 UZ_{321}	17.7	X	164.32300	321.46316	266.68631	3.33882	0.0587852	0.31028610	2.1608660	21	12 10.2	20.4
354793 2005 UK_{446}	15.6	X	26.47754	310.54887	358.23418	11.77107	0.0950176	0.17968315	3.1102681	21	9 20.0	19.6
354794 2005 UJ_{473}	17.9	X	256.16171	144.37174	250.91658	5.43886	0.1972585	0.29418720	2.2389971	21	6 18.4	20.9
354795 2005 UH_{486}	16.0	X	288.26737	78.41073	325.44292	10.06596	0.0981772	0.17776066	3.1326529	21	8 23.1	20.3
354796 2005 UY_{516}	16.6	X	210.20571	265.35434	164.58927	7.31132	0.1043703	0.16921935	3.2371988	21	6 24.9	21.8
354797 2005 UX_{517}	16.2	X	53.06826	130.41953	123.30349	9.91452	0.0457463	0.17342107	3.1846972	21	8 11.2	20.6
354798 2005 UN_{518}	15.5	X	122.53634	42.99453	124.43244	8.28283	0.0318294	0.16980617	3.2297363	21	7 17.5	20.0
354799 2005 UY_{519}	17.0	X	204.68799	18.71696	142.40695	2.62469	0.1342792	0.18556858	3.0441526	21	10 8.6	21.7
354800 2005 UF_{520}	16.2	X	26.23970	198.55158	139.37679	4.61074	0.1711668	0.18754592	3.0227181	21	11 8.9	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354801 2005 UH_{524}	16.1	X	46.20994	127.24646	137.58802	11.11897	0.1276735	0.17477790	3.1681936	21	8 27.9	20.2
354802 2005 UB_{525}	15.9	X	308.53950	191.42119	149.74674	13.20948	0.1195256	0.17217000	3.2001062	21	6 28.7	20.3
354803 2005 VZ_{25}	16.1	X	45.99554	289.94304	352.56052	5.54524	0.1115667	0.17819821	3.1275229	21	9 16.2	20.1
354804 2005 VJ_{81}	17.4	X	204.73495	27.27898	62.08439	6.72850	0.1655833	0.29124870	2.2540319	21	7 11.8	20.9
354805 2005 VM_{95}	18.2	X	239.32285	8.86297	99.44170	2.98949	0.0986256	0.30051507	2.2074551	21	9 25.9	20.7
354806 2005 VA_{101}	15.7	X	85.94311	187.39735	34.55566	17.79033	0.1024855	0.17279075	3.1924374	21	8 30.2	20.6
354807 2005 VQ_{120}	14.6	X	330.76066	41.97324	264.55860	26.02194	0.1616561	0.17168373	3.2061460	21	6 12.7	18.5
354808 2005 VU_{120}	15.8	X	316.14200	37.65735	325.19374	15.86302	0.2493636	0.17622284	3.1508514	21	7 24.3	19.5
354809 2005 VT_{131}	16.2	X	144.04692	58.92473	163.99586	9.93280	0.1242162	0.18551462	3.0447428	21	10 26.9	21.1
354810 2005 VY_{132}	16.1	X	331.25222	212.81182	160.17037	11.42118	0.0947888	0.17952173	3.1121321	21	9 18.5	19.9
354811 2005 WT_{6}	18.2	X	232.54399	33.48050	37.39384	1.17397	0.1779586	0.29488561	2.2354605	21	7 14.1	21.5
354812 2005 WQ_{20}	17.7	X	336.63872	344.99455	354.28968	2.48764	0.2293617	0.30099709	2.2050978	21	8 14.4	18.3
354813 2005 WC_{21}	17.6	X	99.62075	8.05552	259.45724	5.79140	0.1053793	0.30653106	2.1784774	21	11 17.5	20.5
354814 2005 WL_{25}	18.1	X	168.54654	132.00850	20.67499	2.64000	0.0740992	0.29538185	2.2329561	21	8 31.8	21.1
354815 2005 WK_{28}	15.5	X	94.79351	349.89693	254.84911	10.33426	0.1056570	0.17389190	3.1789459	21	9 23.6	20.3
354816 2005 WA_{30}	15.8	X	86.26706	244.93722	270.43209	8.39978	0.0286691	0.15566613	3.4224725	21	5 17.5	20.6
354817 2005 WF_{76}	15.6	X	25.54164	35.96595	261.41933	7.24127	0.1277731	0.17226075	3.1989822	21	9 2.5	19.8
354818 2005 WP_{78}	17.5	X	132.90242	277.64406	265.81048	6.27273	0.0709952	0.29312543	2.2444006	21	8 26.7	20.5
354819 2005 WL_{89}	17.2	X	212.09905	45.53463	68.00834	8.55426	0.1645416	0.29517404	2.2340040	21	8 25.1	20.6
354820 2005 WR_{97}	17.4	X	49.73520	248.39691	67.12610	5.26641	0.2566298	0.30967402	2.1637124	21	12 13.8	20.2
354821 2005 WG_{102}	17.7	X	228.77971	12.36160	86.55780	5.04651	0.1281794	0.29605068	2.2295917	21	8 25.7	20.6
354822 2005 WS_{103}	16.9	X	180.72415	17.86031	83.95477	25.86498	0.1906321	0.28921812	2.2645698	21	7 2.8	20.6
354823 2005 WM_{119}	17.1	X	201.57176	182.57586	263.84116	7.81659	0.1870261	0.28949318	2.2631352	21	7 2.7	20.7
354824 2005 WK_{135}	17.7	X	275.03543	120.67042	278.45177	6.18476	0.1033174	0.29184547	2.2509581	21	8 1.8	20.3
354825 2005 WK_{159}	16.1	X	200.62220	253.11813	123.88070	14.74909	0.3221482	0.15777910	3.3918481	21	4 16.8	22.5
354826 2005 WE_{175}	17.7	X	340.78252	89.13735	277.97512	5.77738	0.1354187	0.30120816	2.2040675	21	10 12.5	19.6
354827 2005 WN_{197}	17.4	X	152.11224	313.07054	278.42701	4.55338	0.0648748	0.30683845	2.1770222	21	11 28.5	20.2
354828 2005 XG_{2}	15.7	X	7.75091	259.26624	53.57668	14.43078	0.2108303	0.17964039	3.1107616	21	9 13.8	19.3
354829 2005 XV_{15}	16.3	X	103.92319	359.60850	234.40561	1.69680	0.0646453	0.17308931	3.1887653	21	9 20.0	21.0
354830 2005 XG_{20}	17.9	X	251.41421	21.41622	32.42828	5.22449	0.1740561	0.29450507	2.2373857	21	7 13.0	21.0
354831 2005 XP_{24}	18.0	X	251.57222	337.68228	70.16547	2.84932	0.2212315	0.29242185	2.2479993	21	6 27.9	21.1
354832 2005 XX_{35}	17.4	X	233.00380	344.83198	82.18942	5.08388	0.1316736	0.29225453	2.2488572	21	7 14.2	20.5
354833 2005 XE_{45}	18.2	X	296.33100	22.84154	22.44790	3.30667	0.1240214	0.30068748	2.2066112	21	9 17.0	20.0
354834 2005 XQ_{79}	17.4	X	136.09043	344.78346	146.32733	3.97374	0.1717595	0.27577280	2.3375905	21	6 29.5	20.9
354835 2005 YB	18.0	X	255.17838	105.51880	275.65109	2.58085	0.1698667	0.28895133	2.2659636	21	5 31.9	21.1
354836 2005 YV_{4}	17.8	X	238.62498	59.24203	331.87612	2.41012	0.1861997	0.28933407	2.2639648	21	5 25.6	21.3
354837 2005 YE_{16}	17.3	X	126.57998	317.79923	288.25953	6.09899	0.1433591	0.29739561	2.2228646	21	11 17.5	20.7
354838 2005 YO_{19}	18.0	X	294.40713	296.00294	78.88925	2.92753	0.1754656	0.29535123	2.2331104	21	7 15.9	20.0
354839 2005 YD_{28}	15.7	X	298.93972	15.23043	313.06981	8.63847	0.0671062	0.15507792	3.4311213	21	6 5.7	20.5
354840 2005 YK_{48}	17.8	X	233.92971	148.46152	291.56323	1.73719	0.0822039	0.29025444	2.2591764	21	8 8.2	20.6
354841 2005 YR_{52}	17.8	X	148.69634	301.99228	243.87406	2.84873	0.1226022	0.29098668	2.2553848	21	9 21.1	21.2
354842 2005 YY_{95}	15.1	X	259.18959	61.98947	305.45259	18.44631	0.0445005	0.15476231	3.4357846	21	6 8.9	20.3
354843 2005 YE_{110}	17.6	X	171.83439	34.43681	125.41094	5.61982	0.0994698	0.29205002	2.2499070	21	9 14.9	20.7
354844 2005 YA_{120}	18.2	X	234.48756	258.88964	122.71292	3.80857	0.1807773	0.28414255	2.2914578	21	5 11.4	21.7
354845 2005 YL_{126}	17.4	X	230.22048	111.04288	310.41510	4.83630	0.1512878	0.28899218	2.2657500	21	7 1.2	20.6
354846 2005 YU_{130}	17.8	X	187.49672	193.64173	304.23643	3.27993	0.0922190	0.28992800	2.2608718	21	8 30.6	20.9
354847 2005 YM_{132}	17.9	X	259.13712	255.68942	121.47356	5.71245	0.2087123	0.28661347	2.2782689	21	5 27.9	21.2
354848 2005 YZ_{132}	17.8	X	158.69724	217.85511	313.25661	4.67317	0.1290798	0.29199029	2.2502138	21	9 11.7	21.2
354849 2005 YJ_{134}	17.9	X	254.91478	10.45344	40.17656	4.30832	0.1952623	0.29246026	2.2478025	21	7 9.5	20.9
354850 2005 YY_{148}	17.9	X	209.20999	5.61908	70.10818	5.23117	0.1524176	0.28670887	2.2777635	21	6 27.9	21.2
354851 2005 YV_{149}	17.9	X	233.25991	19.67078	32.57509	2.71412	0.1247440	0.28705541	2.2759300	21	6 24.0	21.1
354852 2005 YA_{172}	16.7	X	238.64387	314.85461	90.40833	24.95349	0.2289818	0.28846233	2.2685236	21	6 12.3	20.3
354853 2005 YD_{191}	17.8	X	260.22318	74.02687	322.96755	2.44628	0.2017095	0.29002451	2.2603703	21	6 25.2	20.7
354854 2005 YX_{199}	17.4	X	250.60224	64.99838	321.66265	6.18936	0.1823719	0.28841767	2.2687578	21	6 1.1	20.8
354855 2005 YY_{202}	18.1	X	118.58939	273.41904	280.84037	4.79600	0.0862673	0.28936955	2.2637797	21	8 26.4	21.1
354856 2005 YU_{203}	18.3	X	174.66780	21.26285	114.46963	2.74035	0.0772337	0.28860906	2.2677547	21	8 14.4	21.2
354857 2005 YH_{208}	17.3	X	234.17332	324.35045	65.21037	5.97731	0.2477963	0.28625061	2.2801938	21	5 16.2	20.8
354858 2005 YK_{217}	17.2	X	198.32502	349.25717	121.20513	8.24834	0.1552447	0.28916692	2.2648371	21	8 3.1	20.6
354859 2005 YR_{220}	16.7	X	170.94882	342.55006	140.02374	25.24499	0.2321168	0.28524703	2.2855389	21	7 22.9	20.8
354860 2005 YX_{234}	15.6	X	251.53667	61.09371	299.50230	7.71102	0.0631419	0.15392612	3.4482163	21	5 18.1	20.7
354861 2005 YC_{266}	17.0	X	66.36163	359.41841	246.76774	3.64623	0.1037047	0.28786511	2.2716602	21	9 2.7	19.8
354862 2006 AJ_{20}	17.2	X	215.69087	106.26389	343.59403	6.33890	0.1247393	0.28897798	2.2658242	21	7 27.9	20.3
354863 2006 AL_{23}	18.0	X	220.47879	90.63883	300.26576	4.19873	0.2108459	0.28266265	2.2994489	21	5 6.1	21.7
354864 2006 AU_{39}	18.0	X	75.44354	104.04718	107.89787	1.72469	0.1819861	0.28137350	2.3064671	21	8 11.7	20.8
354865 2006 AN_{47}	17.5	X	146.83432	247.47321	282.95436	4.64698	0.2114580	0.28633369	2.2797528	21	8 31.0	21.3
354866 2006 AR_{55}	17.5	X	57.93531	136.48429	123.47071	11.27899	0.1584119	0.28885064	2.2664901	21	9 27.2	20.4
354867 2006 AB_{80}	17.4	X	234.18809	31.31166	324.86713	4.77020	0.2476787	0.27782758	2.3260505	21	4 2.0	21.4
354868 2006 AO_{105}	18.1	X	215.29081	105.45234	286.68703	5.00495	0.1862952	0.28078773	2.3096737	21	5 3.9	21.9
354869 2006 BF_{5}	17.7	X	166.03293	28.52103	122.38909	5.48014	0.0860730	0.28872277	2.2671592	21	8 26.0	20.7
354870 2006 BJ_{11}	16.9	X	106.64892	265.28906	323.11418	6.71916	0.1912051	0.28584700	2.2823397	21	10 6.1	20.4
354871 2006 BT_{23}	17.9	X	162.45188	313.81335	162.12616	4.86802	0.1756640	0.28281836	2.2986048	21	7 5.2	21.4
354872 2006 BU_{39}	17.8	X	165.56458	337.34271	149.05545	9.52536	0.1569185	0.28468092	2.2885679	21	7 21.4	21.4
354873 2006 BX_{42}	17.5	X	212.20701	330.03169	114.03053	9.47032	0.0837080	0.28550148	2.2841808	21	7 17.3	20.4
354874 2006 BB_{43}	17.2	X	98.66464	94.67177	109.26977	6.75136	0.1807292	0.28176214	2.3043457	21	8 30.8	20.5
354875 2006 BX_{53}	17.4	X	107.63920	231.47757	341.47329	3.55571	0.1061170	0.28346218	2.2951230	21	9 11.6	20.5
354876 2006 BG_{55}	18.4	X	107.15090	167.65433	140.91504	12.45309	0.5983880	0.55280869	1.4703458	21	—	—
354877 2006 BO_{63}	18.4	X	42.19595	93.42884	138.47083	2.62850	0.1761576	0.27737632	2.3285726	21	7 16.4	20.3
354878 2006 BW_{72}	17.8	X	122.17988	189.05021	12.72254	3.87875	0.0847099	0.28707068	2.2758493	21	9 13.1	20.7
354879 2006 BG_{76}	18.0	X	40.81660	159.90859	95.51522	4.11488	0.1332715	0.28151610	2.3056881	21	8 14.9	20.2
354880 2006 BO_{77}	18.0	X	105.91788	67.73984	98.49476	6.75391	0.0499452	0.27891763	2.3199862	21	6 27.2	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354881 2006 BO_{90}	17.7	X	95.88557	181.49171	331.46732	5.42182	0.1628245	0.27351455	2.3504396	21	6 11.5	20.8
354882 2006 BS_{106}	18.0	X	197.79254	114.34450	322.48989	6.46391	0.1521826	0.28353244	2.2947438	21	6 17.8	21.5
354883 2006 BE_{116}	17.7	X	141.47769	1.32678	164.70704	3.11534	0.1465877	0.28330086	2.2959942	21	8 19.3	21.1
354884 2006 BZ_{116}	17.6	X	75.37533	274.12385	315.04364	1.72311	0.1802260	0.28008635	2.3135280	21	9 3.9	20.4
354885 2006 BV_{138}	17.7	X	105.54766	250.94236	312.15380	3.08744	0.1668611	0.28145123	2.3060424	21	9 1.5	21.1
354886 2006 BG_{143}	18.6	X	163.04961	48.20724	105.73953	1.69540	0.1461171	0.28657016	2.2784984	21	8 26.2	21.9
354887 2006 BC_{147}	16.9	X	108.36259	106.64464	123.81463	5.74258	0.1551193	0.28754373	2.2733525	21	10 13.9	20.3
354888 2006 BR_{165}	17.3	X	108.93440	226.34082	334.04303	6.29586	0.0559203	0.28337823	2.2955763	21	8 21.4	20.2
354889 2006 BZ_{178}	17.8	X	178.02450	171.54028	326.46751	5.86271	0.1500909	0.28808411	2.2705087	21	8 19.4	21.2
354890 2006 BS_{186}	18.1	X	121.92729	35.53865	126.62925	3.30515	0.1259222	0.27873588	2.3209946	21	7 22.2	21.3
354891 2006 BZ_{193}	17.2	X	80.33414	101.90483	161.58717	6.01993	0.1458589	0.28924851	2.2644112	21	10 25.7	20.2
354892 2006 BN_{204}	18.2	X	200.27857	88.36650	339.33526	3.68799	0.1462520	0.28117328	2.3075619	21	6 7.7	21.7
354893 2006 BJ_{213}	17.6	X	158.76507	164.60952	347.64489	8.40547	0.1649154	0.28651088	2.2788127	21	8 21.1	21.1
354894 2006 BP_{233}	17.3	X	235.75033	286.29851	111.98878	6.26455	0.1693711	0.28410782	2.2916446	21	6 4.4	20.8
354895 2006 BD_{241}	16.9	X	116.67715	245.16257	335.17009	7.39135	0.1778358	0.28736376	2.2743016	21	10 4.9	20.4
354896 2006 BJ_{254}	17.4	X	33.12579	305.22434	312.11826	4.59401	0.2186858	0.27750125	2.3278737	21	8 16.1	19.2
354897 2006 BZ_{262}	17.8	X	175.35955	124.26703	349.94472	4.91346	0.1212464	0.28153738	2.3055719	21	7 16.6	21.1
354898 2006 BP_{267}	17.1	X	106.81910	192.21065	347.64809	5.93342	0.0952492	0.28004764	2.3137412	21	7 26.5	20.1
354899 2006 BK_{268}	16.3	X	45.23851	356.00242	74.31550	15.30920	0.0704743	0.25374955	2.4709608	21	—	—
354900 2006 BX_{269}	16.6	X	153.23543	172.53435	351.02871	24.10633	0.1186566	0.28430705	2.2905739	21	9 1.9	20.0
354901 2006 BK_{275}	18.1	X	28.69311	255.52984	326.44682	2.19382	0.1581762	0.27018118	2.3697325	21	5 28.8	20.0
354902 2006 BZ_{281}	18.4	X	154.46523	123.37818	357.75531	2.50977	0.1259181	0.28084865	2.3093397	21	7 2.7	21.8
354903 2006 BT_{282}	17.9	X	186.48990	243.51745	156.77130	1.19644	0.1818106	0.27255350	2.3559616	21	4 20.9	21.6
354904 2006 CX_{28}	17.0	X	163.07648	212.09680	306.32511	6.64145	0.0603523	0.28748719	2.2736506	21	8 29.4	20.0
354905 2006 CH_{38}	17.6	X	75.13167	65.65332	168.43587	6.13025	0.1292228	0.28126550	2.3070575	21	9 2.9	20.5
354906 2006 CL_{40}	17.3	X	218.19413	34.01510	6.16598	6.91300	0.2026702	0.27763017	2.3271530	21	5 16.2	21.1
354907 2006 CW_{42}	17.2	X	139.09932	331.00685	190.23383	4.61872	0.1558280	0.28111671	2.3078714	21	8 9.8	20.7
354908 2006 CE_{62}	16.5	X	87.23896	226.13677	348.47568	7.96063	0.1500665	0.27805391	2.3247881	21	8 26.9	19.4
354909 2006 DN_{3}	17.2	X	71.40043	39.41272	154.24820	10.80561	0.1569662	0.27440349	2.3453606	21	7 4.6	20.1
354910 2006 DE_{11}	16.8	X	65.05637	49.18672	150.47299	20.56311	0.1682658	0.27334249	2.3514258	21	7 6.4	19.8
354911 2006 DC_{28}	17.4	X	45.13158	246.22987	1.15116	3.43540	0.1569522	0.27566825	2.3381815	21	8 13.6	19.8
354912 2006 DX_{29}	17.8	X	168.83193	90.75948	349.35469	3.11307	0.2433665	0.27598893	2.3363699	21	5 27.1	21.7
354913 2006 DZ_{30}	17.3	X	311.73624	112.13445	171.76411	7.06204	0.1111482	0.26638549	2.3921900	21	4 11.9	20.1
354914 2006 DC_{32}	16.9	X	352.00887	294.29694	343.84220	6.34061	0.1083493	0.27295295	2.3536625	21	6 10.2	19.3
354915 2006 DJ_{37}	17.5	X	179.99150	89.99289	350.93085	6.13259	0.0827664	0.27386283	2.3484464	21	6 3.4	20.9
354916 2006 DJ_{43}	18.0	X	204.22097	58.71858	349.45113	5.67534	0.0536657	0.27463926	2.3440182	21	5 17.6	21.2
354917 2006 DN_{43}	17.5	X	18.82911	287.37433	350.02431	5.25858	0.1290357	0.27881002	2.3205831	21	8 7.2	19.5
354918 2006 DE_{45}	17.8	X	62.62600	68.15421	145.62290	2.69375	0.1504184	0.27500059	2.3419645	21	7 19.9	20.3
354919 2006 DJ_{69}	17.3	X	43.54759	95.37252	156.43818	7.69065	0.0890693	0.27745199	2.3281493	21	8 4.0	19.7
354920 2006 DZ_{75}	17.9	X	161.04380	73.95099	355.70198	6.51478	0.0985248	0.27125656	2.3634652	21	4 26.8	21.2
354921 2006 DK_{77}	17.7	X	52.68919	258.47016	9.09447	4.90384	0.2268786	0.28014954	2.3131801	21	10 5.4	20.3
354922 2006 DX_{85}	16.2	X	7.36046	292.57210	354.24944	13.39057	0.1852614	0.27551098	2.3390712	21	8 7.2	18.2
354923 2006 DN_{117}	17.7	X	81.96103	183.50642	27.40015	2.94662	0.1451289	0.27584269	2.3371956	21	8 13.9	20.7
354924 2006 DV_{118}	17.6	X	143.16387	110.81819	35.74293	5.71143	0.1573107	0.28059562	2.3107278	21	7 28.7	21.1
354925 2006 DD_{119}	16.9	X	81.52670	91.23674	145.09684	2.38730	0.1718005	0.28094641	2.3088040	21	9 21.4	20.0
354926 2006 DZ_{136}	17.5	X	345.99371	106.14898	138.96238	6.62140	0.0906326	0.26696144	2.3887481	21	4 15.1	20.2
354927 2006 DL_{138}	17.6	X	149.75642	30.60617	109.95382	3.53831	0.1621305	0.28024297	2.3126659	21	7 25.8	20.9
354928 2006 DN_{140}	17.2	X	17.50743	141.76031	113.39217	5.15521	0.2137879	0.27145890	2.3622906	21	7 4.1	18.8
354929 2006 DR_{150}	17.7	X	176.68155	223.63679	188.66822	5.88006	0.1048433	0.26913125	2.3758916	21	4 25.0	21.2
354930 2006 DO_{153}	17.2	X	19.95426	73.45875	192.55447	5.05901	0.1843710	0.27264472	2.3554360	21	7 24.6	19.2
354931 2006 DR_{186}	17.0	X	30.27069	214.25571	72.59928	3.26274	0.2069896	0.27762757	2.3271676	21	9 26.9	19.2
354932 2006 DA_{193}	17.8	X	179.36407	68.73532	28.12805	3.16123	0.1384433	0.27685167	2.3315136	21	6 26.3	21.2
354933 2006 DT_{207}	17.6	X	355.33797	350.96728	274.29550	1.82137	0.1380682	0.26871964	2.3783172	21	5 25.9	19.8
354934 2006 DR_{210}	17.3	X	53.19625	49.33158	164.44807	4.99841	0.1784681	0.27020972	2.3695656	21	7 8.4	19.7
354935 2006 DL_{215}	17.4	X	29.75963	246.07346	15.53828	4.67689	0.0925216	0.27495038	2.3422496	21	7 29.4	19.8
354936 2006 EG_{15}	17.9	X	64.85876	177.81046	356.68465	4.69513	0.0882490	0.26863135	2.3788383	21	5 13.3	20.6
354937 2006 EA_{17}	17.4	X	355.83087	266.59697	14.07954	6.92465	0.1165322	0.27186348	2.3599464	21	6 22.5	19.7
354938 2006 EQ_{17}	17.5	X	207.32196	229.15899	174.66930	8.98789	0.1702598	0.27299989	2.3533927	21	5 16.3	21.3
354939 2006 EL_{23}	17.9	X	53.63141	268.45659	335.00822	1.81392	0.1841037	0.27760387	2.3273000	21	8 25.7	20.2
354940 2006 EW_{23}	17.9	X	178.81774	204.30115	203.28068	0.32113	0.2110290	0.27296573	2.3535890	21	4 23.9	21.8
354941 2006 EM_{29}	18.2	X	169.51459	101.48922	352.91083	1.75768	0.1853930	0.27798892	2.3251505	21	6 13.9	22.0
354942 2006 EC_{50}	17.4	X	241.17997	307.71371	90.98573	3.74183	0.2306117	0.28126275	2.3070725	21	6 4.6	21.1
354943 2006 EE_{51}	17.4	X	58.41273	206.73759	45.73323	2.99195	0.1777127	0.27907629	2.3191068	21	9 15.6	20.0
354944 2006 EJ_{55}	17.3	X	131.79766	220.95958	312.68569	3.88898	0.1017098	0.28150577	2.3057445	21	8 16.2	20.3
354945 2006 EV_{55}	17.4	X	204.43269	93.30677	338.13768	6.40562	0.0990140	0.27842226	2.3227372	21	6 19.4	20.8
354946 2006 ER_{56}	14.3	X	243.20522	304.86870	337.66143	13.09825	0.2261875	0.12325165	3.9989032	21	2 3.3	20.8
354947 2006 EU_{56}	17.4	X	104.22413	250.41289	309.05989	2.45529	0.2181282	0.27916176	2.3186334	21	8 31.3	20.9
354948 2006 EJ_{62}	17.2	X	111.48936	211.90438	325.38215	4.91389	0.1602692	0.27688142	2.3313466	21	8 4.4	20.3
354949 2006 EK_{63}	17.8	X	143.72230	286.29309	213.76279	2.94743	0.1833422	0.27777788	2.3263280	21	7 19.3	21.4
354950 2006 EF_{73}	18.1	X	140.37446	118.86321	0.47236	4.00445	0.1058768	0.27508538	2.3414832	21	6 12.1	21.4
354951 2006 FA_{1}	17.5	X	126.19005	145.12448	11.28195	6.37169	0.0223497	0.27637867	2.3341730	21	7 8.7	20.5
354952 2006 FJ_{9}	19.3	X	168.22124	101.64342	166.40784	4.12456	0.3453951	0.42612121	1.7489630	21	—	—
354953 2006 FG_{10}	17.3	X	75.29265	298.71623	259.26004	4.43470	0.1698253	0.27327417	2.3518177	21	7 18.6	20.1
354954 2006 FT_{23}	17.5	X	35.94256	65.28459	183.62538	5.71409	0.1823709	0.27109720	2.3643914	21	7 30.8	19.8
354955 2006 FD_{37}	17.0	X	75.51127	207.17173	31.03228	7.09967	0.1965361	0.27845478	2.3225564	21	9 21.8	20.1
354956 2006 FE_{45}	17.4	X	59.54679	76.70414	164.19292	2.00308	0.1659918	0.27553110	2.3389573	21	8 27.4	20.0
354957 2006 GU_{15}	17.5	X	338.99382	207.92310	91.33081	2.78992	0.1875268	0.26843166	2.3800179	21	6 10.1	19.3
354958 2006 GD_{38}	16.7	X	112.52797	25.21647	190.94802	6.80061	0.1313188	0.28304204	2.2973937	21	9 23.6	19.8
354959 2006 GF_{39}	17.3	X	248.41938	184.58740	63.60269	23.98666	0.0460029	0.37738131	1.8964837	21	—	—
354960 2006 HF	17.3	X	9.05224	77.67036	210.79351	3.42404	0.2173953	0.27216072	2.3582278	21	8 9.5	18.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354961 2006 HC_{8}	17.4	X	30.10832	157.06447	67.74970	4.69075	0.1944073	0.26557416	2.3970596	21	6 10.7	19.2
354962 2006 HD_{8}	17.3	X	16.79605	135.03580	96.48147	3.61166	0.1378166	0.26409763	2.4059857	21	5 18.9	19.3
354963 2006 HU_{9}	17.1	X	187.14167	324.48914	95.84714	6.74609	0.1075820	0.26762403	2.3848037	21	5 17.9	20.6
354964 2006 HW_{10}	16.8	X	295.05477	208.67051	84.47490	7.21199	0.1218515	0.25992129	2.4316897	21	4 3.1	20.0
354965 2006 HC_{28}	17.3	X	13.91762	79.69807	123.95637	6.40842	0.1679440	0.25911025	2.4367613	21	3 31.4	19.4
354966 2006 HL_{30}	17.4	X	356.94635	90.04244	159.90095	7.80842	0.2004394	0.26452841	2.4033730	21	5 2.4	19.3
354967 2006 HB_{31}	17.3	X	16.71641	191.84004	41.15599	1.69539	0.1361486	0.26453642	2.4033244	21	5 19.9	19.3
354968 2006 HN_{32}	17.6	X	33.10008	233.19070	12.65804	4.38905	0.1621009	0.27200599	2.3591220	21	7 19.9	19.7
354969 2006 HO_{56}	17.2	X	3.47660	164.00811	121.84511	4.69047	0.2425462	0.26953899	2.3734950	21	7 22.5	18.4
354970 2006 HP_{56}	17.0	X	65.80471	55.07018	162.82493	5.84119	0.1680684	0.27264936	2.3554094	21	8 2.3	19.8
354971 2006 HQ_{61}	17.8	X	354.20803	150.01737	123.96715	2.08053	0.1762224	0.26765856	2.3845986	21	6 4.9	19.7
354972 2006 HV_{66}	17.4	X	69.10896	67.08501	69.86023	3.22327	0.1503307	0.25964615	2.4334072	21	4 8.5	19.8
354973 2006 HC_{95}	17.3	X	102.44610	163.84034	10.73908	7.77603	0.0571886	0.27658013	2.3330393	21	7 6.9	20.3
354974 2006 HV_{106}	17.7	X	78.79255	68.57823	111.19452	5.06812	0.1869616	0.26881336	2.3777644	21	6 30.8	20.5
354975 2006 HU_{115}	15.5	X	359.34315	146.54766	47.69631	3.61872	0.1203586	0.12686056	3.9226988	21	3 17.6	20.3
354976 2006 HF_{118}	17.6	X	25.32735	106.66495	142.35013	3.02061	0.1700647	0.26997371	2.3709464	21	7 7.5	19.4
354977 2006 HS_{120}	17.6	X	348.51023	124.68097	165.87306	3.87364	0.2346470	0.26483260	2.4015322	21	6 14.0	19.2
354978 2006 HF_{122}	17.6	X	53.11873	111.58385	89.28992	3.09461	0.1647097	0.26704907	2.3882255	21	6 16.3	19.7
354979 2006 JH_{21}	17.3	X	78.58886	34.47765	119.31938	7.27678	0.0940247	0.26211425	2.4181076	21	5 10.9	20.2
354980 2006 JP_{37}	15.1	X	344.00672	92.24743	122.33855	5.03597	0.1559203	0.12589851	3.9426570	21	3 16.3	20.0
354981 2006 KY_{21}	17.4	X	22.20001	115.01377	125.57520	3.58140	0.1215316	0.26516203	2.3995427	21	6 12.7	19.7
354982 2006 KC_{32}	17.8	X	58.78989	177.94644	34.74977	1.85612	0.1341149	0.26833999	2.3805599	21	7 9.6	20.3
354983 2006 KQ_{32}	17.3	X	28.66731	87.86905	86.96637	2.54367	0.1293745	0.25694487	2.4504326	21	3 17.2	19.5
354984 2006 KM_{34}	17.6	X	28.44966	68.30248	108.56341	2.27483	0.1194066	0.25667005	2.4521814	21	3 19.6	19.8
354985 2006 KR_{42}	17.6	X	34.78175	27.54977	201.73949	2.11024	0.1233820	0.26600868	2.3944485	21	6 19.7	19.8
354986 2006 KB_{43}	17.5	X	55.35734	128.01486	76.22236	3.41384	0.1341277	0.26616491	2.3935115	21	6 20.4	19.9
354987 2006 KE_{51}	17.4	X	18.27747	95.49985	132.30806	2.04451	0.1604734	0.26237026	2.4165344	21	5 16.8	19.2
354988 2006 KU_{53}	17.3	X	87.69836	246.74487	218.62238	8.05113	0.1795632	0.25474773	2.4645020	21	3 26.6	20.3
354989 2006 KK_{102}	17.1	X	349.59971	58.74852	177.81653	7.84504	0.0691783	0.25784530	2.4447244	21	4 10.5	19.8
354990 2006 KO_{104}	17.6	X	336.80993	146.43386	127.43463	23.85046	0.1116367	0.38633131	1.8670793	21	5 5.4	19.8
354991 2006 MA_{15}	15.9	X	230.70320	210.87019	91.99503	15.95581	0.1788062	0.23963402	2.5670662	21	2 4.3	20.3
354992 2006 OW_{11}	16.4	X	117.76510	212.49772	146.54346	12.67497	0.2008011	0.22416789	2.6838224	21	—	—
354993 2006 OK_{21}	16.8	X	129.46093	181.74651	169.92968	3.52074	0.1052124	0.22295980	2.6935084	21	—	—
354994 2006 OW_{21}	16.2	X	172.30030	263.16066	39.52705	14.19359	0.1705903	0.22701037	2.6613720	21	—	—
354995 2006 PL_{17}	16.7	X	64.34188	53.19333	324.60245	4.91943	0.0896590	0.21692243	2.7432565	21	—	—
354996 2006 PY_{19}	15.9	X	285.55916	96.90657	151.23485	28.63993	0.0395085	0.23685460	2.5871097	21	2 1.7	19.6
354997 2006 PG_{28}	16.0	X	227.11379	187.00776	72.52053	14.56877	0.2014703	0.23236871	2.6202996	21	—	—
354998 2006 PL_{31}	16.2	X	135.85812	253.39560	83.41903	13.87988	0.1605350	0.22596521	2.6695722	21	—	—
354999 2006 PM_{42}	16.5	X	38.40548	213.88025	151.17506	7.85322	0.1993778	0.21157658	2.7892728	21	—	—
355000 2006 QX_{11}	16.4	X	100.01119	261.41454	84.19730	5.73509	0.1228935	0.22031077	2.7150566	21	—	—
355001 2006 QK_{19}	16.7	X	31.31088	256.20679	136.12684	9.12969	0.2146624	0.21110757	2.7934025	21	—	—
355002 2006 QB_{20}	16.5	X	163.45895	163.23960	148.84621	12.70553	0.1926006	0.22631991	2.6667821	21	—	—
355003 2006 QM_{20}	16.4	X	159.35915	160.01433	152.14063	13.35886	0.1710722	0.22503653	2.6769116	21	—	—
355004 2006 QO_{30}	15.8	X	219.05353	345.18162	333.42393	34.15730	0.0980101	0.23715602	2.5849170	21	2 16.1	19.7
355005 2006 QT_{30}	16.1	X	56.05949	359.83872	1.02010	8.94783	0.2459864	0.21171861	2.7880252	21	—	—
355006 2006 QY_{30}	17.4	X	156.11761	208.47040	149.98815	23.80109	0.0786873	0.36447429	1.9409967	21	—	—
355007 2006 QP_{31}	16.8	X	316.11316	268.44069	135.02372	10.26499	0.2755684	0.19653848	2.9297978	21	9 18.4	19.6
355008 2006 QT_{43}	15.8	X	320.76539	75.21791	358.00616	14.43732	0.1314732	0.20424742	2.8556063	21	11 16.1	19.3
355009 2006 QJ_{45}	17.4	X	99.48593	161.31396	178.16058	3.44282	0.2014477	0.21734776	2.7396764	21	—	—
355010 2006 QN_{46}	16.4	X	145.74911	174.70328	152.87520	14.46160	0.0804384	0.22568224	2.6718032	21	—	—
355011 2006 QC_{80}	17.0	X	230.19086	331.70181	333.48351	13.51448	0.0806672	0.23766639	2.5812151	21	2 8.8	20.8
355012 2006 QN_{80}	17.0	X	139.56945	235.34495	104.04398	1.70770	0.0865923	0.22542927	2.6738016	21	—	—
355013 2006 QE_{82}	15.7	X	111.57862	357.55993	328.44393	25.22593	0.1692066	0.21722832	2.7406805	21	—	—
355014 2006 QX_{87}	16.8	X	89.72030	219.57492	163.03784	13.47731	0.1226901	0.22198443	2.7013926	21	—	—
355015 2006 QC_{103}	16.4	X	261.24337	258.08632	329.84328	10.39441	0.0831765	0.22818633	2.6522205	21	—	—
355016 2006 QC_{104}	16.7	X	141.13431	142.05192	151.52631	10.28809	0.2422391	0.21823675	2.7322313	21	—	—
355017 2006 QS_{108}	16.5	X	29.61489	186.02628	190.92525	4.34113	0.1194302	0.20887907	2.8132356	21	12 28.2	20.2
355018 2006 QE_{113}	16.4	X	114.29522	18.15873	298.00964	6.35018	0.1808645	0.21653938	2.7464906	21	—	—
355019 2006 QY_{115}	16.1	X	113.22401	22.93251	315.52819	13.54552	0.1431827	0.21944952	2.7221557	21	—	—
355020 2006 QH_{116}	17.2	X	228.94688	314.10533	337.66042	14.26898	0.1807287	0.23389636	2.6088778	21	1 22.3	21.7
355021 2006 QM_{137}	16.8	X	66.88034	244.73743	160.98296	6.71547	0.0402483	0.22265375	2.6959761	21	—	—
355022 Triman	17.1	X	215.70366	68.49359	273.53848	18.82875	0.0704816	0.37361565	1.9092055	21	2 7.5	19.7
355023 2006 QP_{145}	16.3	X	314.96856	83.08343	347.08043	8.54896	0.1312123	0.20368861	2.8608267	21	11 3.7	19.7
355024 2006 QD_{150}	16.8	X	33.40395	67.07651	316.13887	4.59974	0.0729279	0.21309165	2.7760360	21	—	—
355025 2006 QC_{168}	16.5	X	1.66579	220.92620	147.11077	15.91623	0.1536966	0.20267554	2.8703519	21	11 12.6	20.1
355026 2006 QE_{169}	16.0	X	297.44284	323.97013	294.80590	17.55189	0.2215765	0.24218674	2.5489959	21	2 2.1	19.9
355027 2006 QO_{182}	17.4	X	294.50863	354.29209	103.67855	3.23863	0.0200816	0.20488037	2.8497220	21	11 22.9	21.1
355028 2006 QM_{187}	16.7	X	184.64656	229.50487	80.55418	3.64104	0.1967655	0.22927021	2.6438550	21	1 4.9	21.1
355029 Herve	16.2	X	129.03938	343.10216	4.43503	13.84608	0.1572592	0.21948788	2.7218385	21	—	—
355030 2006 RR_{2}	15.8	X	8.69922	275.93668	1.88557	12.86367	0.2833215	0.26035432	2.4289926	21	8 4.4	17.4
355031 2006 RG_{21}	16.8	X	86.85633	260.59548	59.72899	0.45149	0.0693804	0.20926261	2.8097971	21	12 20.9	20.9
355032 2006 RQ_{24}	16.7	X	19.01078	200.66655	189.01769	8.58809	0.1859880	0.20974584	2.8054798	21	—	—
355033 2006 RC_{26}	16.9	X	344.30248	10.32251	175.74382	13.80195	0.0993633	0.23620655	2.5918394	21	1 19.6	20.3
355034 2006 RT_{45}	16.8	X	327.87389	356.64406	50.75045	2.91453	0.0768728	0.19967179	2.8990669	21	10 31.2	20.4
355035 2006 RV_{45}	16.9	X	115.10886	191.03800	169.60779	5.88836	0.1451875	0.21978401	2.7193931	21	—	—
355036 2006 RT_{65}	16.6	X	331.97975	18.58832	14.58453	10.45554	0.2326666	0.19875131	2.9080111	21	10 12.6	19.3
355037 2006 RA_{67}	16.1	X	220.48032	82.73109	176.63249	14.16063	0.0191257	0.22695686	2.6617903	21	—	—
355038 2006 RF_{77}	16.9	X	97.57584	197.26764	152.67712	3.74774	0.0830329	0.21564115	2.7541121	21	—	—
355039 2006 RS_{98}	17.1	X	247.66132	179.01868	6.19032	4.27935	0.0106834	0.21271834	2.7792829	21	—	—
355040 2006 RZ_{99}	16.2	X	214.53744	150.51073	152.89597	19.21682	0.1490961	0.23256699	2.6188101	21	1 19.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355041 2006 RR_{110}	16.9	X	140.40927	83.67586	188.54455	3.05789	0.0605653	0.20890685	2.8129861	21	12 20.3	21.1
355042 2006 RU_{114}	17.2	X	254.78575	338.37565	175.14475	2.60129	0.1200131	0.20531608	2.8456888	21	11 27.2	21.0
355043 2006 SG_{3}	16.1	X	148.62916	355.91295	349.82299	13.79995	0.0608253	0.22558977	2.6725332	21	1 1.3	20.1
355044 2006 SU_{8}	16.3	X	109.82848	320.61185	17.08876	8.15575	0.2351490	0.21662848	2.7457375	21	—	—
355045 2006 SZ_{17}	15.9	X	240.10353	231.12764	23.43074	12.70203	0.1432018	0.22464501	2.6800210	21	—	—
355046 2006 SO_{19}	19.5	X	301.26000	169.76410	98.32039	14.24574	0.2719266	0.71182200	1.2422865	21	—	—
355047 2006 SR_{23}	16.7	X	144.15145	278.34454	72.48715	3.18895	0.1326047	0.22560826	2.6723872	21	1 9.8	20.5
355048 2006 SF_{55}	15.6	X	138.91777	304.59785	38.76453	14.53027	0.1204928	0.22176212	2.7031977	21	—	—
355049 2006 SG_{61}	16.4	X	189.95256	208.77151	99.44104	8.17398	0.2762552	0.22786203	2.6547364	21	1 10.7	21.1
355050 2006 SG_{67}	17.2	X	9.73293	197.56691	176.14251	2.03529	0.1028381	0.20304637	2.8668561	21	11 22.9	20.6
355051 2006 SJ_{70}	16.6	X	81.55379	190.96637	179.58375	4.32837	0.0822406	0.21374044	2.7704155	21	—	—
355052 2006 SM_{95}	16.3	X	154.68643	277.43603	27.53937	6.71752	0.0534824	0.21537621	2.7563703	21	—	—
355053 2006 SR_{99}	17.0	X	249.76178	184.77478	23.11258	3.75321	0.0317761	0.21430710	2.7655298	21	—	—
355054 2006 SW_{105}	17.1	X	346.93145	28.32093	12.22423	1.95032	0.0596684	0.20204149	2.8763540	21	11 19.1	20.8
355055 2006 SO_{123}	16.5	X	131.25001	195.63636	125.51501	10.08796	0.1684837	0.21855909	2.7295442	21	—	—
355056 2006 SR_{144}	16.8	X	247.37827	264.56031	220.97948	2.97554	0.0161365	0.19957807	2.8999744	21	10 27.3	20.7
355057 2006 SU_{152}	16.3	X	338.38423	199.10010	30.56068	13.66496	0.1027644	0.23537852	2.5979144	21	3 18.1	19.5
355058 2006 SJ_{156}	17.0	X	11.43471	210.59926	158.81707	2.15456	0.1345432	0.20384724	2.8593424	21	11 23.9	20.3
355059 2006 SJ_{159}	16.7	X	133.12126	259.70335	38.61703	4.92260	0.0493474	0.21072038	2.7968233	21	—	—
355060 2006 SA_{167}	16.4	X	187.49924	339.78369	338.42543	5.07616	0.0793259	0.22724130	2.6595687	21	1 11.5	20.3
355061 2006 SN_{172}	16.7	X	87.36041	13.43411	341.02881	3.46990	0.1082951	0.21486622	2.7607301	21	—	—
355062 2006 SE_{181}	17.4	X	265.50469	82.56826	186.74520	1.72558	0.1391780	0.23430667	2.6058312	21	1 26.5	21.2
355063 2006 SZ_{191}	17.5	X	318.04774	259.26674	151.78542	2.75456	0.1030573	0.19896661	2.9059128	21	10 19.9	21.0
355064 2006 SF_{194}	17.1	X	100.74679	1.37501	332.40447	3.77931	0.0765145	0.21198115	2.7857227	21	—	—
355065 2006 SE_{195}	16.0	X	63.78433	159.75304	189.64741	6.86556	0.0300513	0.20935983	2.8089271	21	12 24.4	19.9
355066 2006 SJ_{199}	17.1	X	323.17079	72.00942	347.97604	1.45177	0.0457868	0.20204811	2.8762912	21	11 10.1	20.9
355067 2006 SD_{209}	16.7	X	23.55788	335.48664	45.29246	4.02593	0.1971681	0.20595311	2.8398178	21	—	—
355068 2006 SC_{219}	17.0	X	350.47430	329.67184	94.39839	3.21182	0.0481217	0.20633416	2.8363205	21	12 24.6	20.5
355069 2006 SA_{221}	16.6	X	313.22694	329.81257	176.74974	12.35370	0.0993553	0.21765591	2.7370899	21	—	—
355070 2006 SV_{222}	17.1	X	74.99114	185.39390	178.32036	2.38360	0.0875077	0.21449770	2.7638913	21	—	—
355071 2006 SS_{229}	16.1	X	192.26689	8.89302	224.76976	5.83667	0.0117808	0.21095974	2.7947073	21	—	—
355072 2006 SQ_{241}	17.3	X	100.13215	190.99354	150.41160	2.02880	0.1026247	0.21592757	2.7516761	21	—	—
355073 2006 SL_{255}	17.0	X	220.30072	248.40182	355.83905	4.33038	0.0601377	0.22027722	2.7153323	21	—	—
355074 2006 ST_{262}	16.8	X	343.91468	215.29231	141.81313	1.56722	0.1514279	0.19242844	2.9713687	21	9 18.3	20.0
355075 2006 SJ_{264}	16.5	X	167.44629	321.78775	341.25752	7.82153	0.1057222	0.21822687	2.7323137	21	—	—
355076 2006 SP_{268}	16.7	X	158.24389	287.85982	294.06610	3.74174	0.0315340	0.19946365	2.9010833	21	11 6.2	20.9
355077 2006 SK_{285}	16.6	X	120.67550	27.05914	311.50651	10.79781	0.1662365	0.21837243	2.7310994	21	—	—
355078 2006 SE_{304}	16.6	X	293.65331	328.96122	165.68411	4.24258	0.0470592	0.20916736	2.8106500	21	—	—
355079 2006 SA_{311}	16.7	X	155.22097	323.02576	322.05123	3.43095	0.0317215	0.21320939	2.7750139	21	—	—
355080 2006 SR_{319}	16.9	X	52.89405	241.56385	139.61591	4.43487	0.1856000	0.21042900	2.7994045	21	—	—
355081 2006 SO_{341}	16.4	X	97.49706	341.76034	40.85232	6.94530	0.0654577	0.22002114	2.7174388	21	—	—
355082 2006 SF_{342}	16.7	X	333.37052	105.13576	327.69792	4.76874	0.0528084	0.20402681	2.8576644	21	12 11.2	20.5
355083 2006 SK_{347}	17.4	X	20.86354	52.27335	322.19875	1.16104	0.0791683	0.20308535	2.8664892	21	12 6.4	21.1
355084 2006 SZ_{347}	17.1	X	322.20327	93.05618	344.86664	1.43995	0.0377908	0.20292422	2.8680065	21	12 2.1	20.7
355085 2006 SG_{378}	16.8	X	95.67110	229.37130	106.02847	9.44623	0.1882911	0.21160597	2.7890145	21	—	—
355086 2006 SQ_{384}	17.0	X	199.77478	148.63903	120.39071	9.83751	0.1217851	0.21828310	2.7318445	21	—	—
355087 2006 SS_{392}	16.5	X	253.15373	340.17346	295.15137	4.55333	0.2474592	0.23183674	2.6243064	21	1 16.9	20.8
355088 2006 SO_{399}	16.6	X	351.66038	201.97248	25.21485	12.70308	0.2263943	0.24125373	2.5555636	21	3 17.9	19.0
355089 2006 SX_{401}	16.3	X	230.32413	293.84053	138.77801	15.94860	0.2877744	0.18094607	3.0957790	21	7 4.9	21.9
355090 2006 SU_{406}	16.3	X	103.04510	63.11113	250.47052	4.66589	0.0676413	0.20907771	2.8114534	21	12 30.1	20.5
355091 2006 SD_{409}	17.0	X	19.18836	244.60202	151.25770	2.49217	0.0763644	0.20461105	2.8522220	21	12 30.9	20.8
355092 2006 TX	16.3	X	325.65328	137.44687	277.18582	11.04890	0.1437243	0.20067953	2.8893534	21	10 31.1	19.8
355093 2006 TL_{12}	16.1	X	230.89789	43.75491	34.30095	17.57715	0.2755465	0.18276390	3.0752170	21	7 15.3	21.6
355094 2006 TQ_{14}	16.3	X	26.70595	142.94995	227.76219	5.19788	0.0767156	0.20405411	2.8574095	21	12 9.8	20.1
355095 2006 TO_{29}	16.5	X	246.90686	24.24390	44.60547	6.60177	0.1883759	0.18364917	3.0653265	21	7 25.4	21.3
355096 2006 TE_{46}	16.2	X	189.05598	251.70869	220.48904	21.03961	0.1334742	0.17867700	3.1219333	21	7 19.0	21.6
355097 2006 TZ_{47}	17.0	X	249.77370	53.71295	41.63365	5.29131	0.1540226	0.18719583	3.0264856	21	9 4.6	21.4
355098 2006 TB_{51}	16.7	X	237.52089	21.93562	48.41742	6.99619	0.1942639	0.18064937	3.0991677	21	7 16.7	21.7
355099 2006 TK_{60}	17.1	X	240.76010	70.13542	346.56221	2.46879	0.2050203	0.17997790	3.1068713	21	7 1.1	22.1
355100 2006 TV_{85}	16.2	X	288.65541	43.03034	20.50384	9.99342	0.0932100	0.19087184	2.9875015	21	9 23.1	20.1
355101 2006 TK_{87}	17.1	X	284.80946	182.85639	263.25179	2.48598	0.1648516	0.19307872	2.9646933	21	10 2.9	21.0
355102 2006 TQ_{89}	17.1	X	277.68439	67.46683	349.26950	3.54145	0.2546309	0.18646134	3.0344281	21	8 3.8	21.5
355103 2006 TM_{102}	16.9	X	308.42528	172.06004	224.59439	5.80428	0.1063104	0.19118969	2.9841896	21	9 10.4	20.8
355104 2006 TM_{126}	17.1	X	229.97076	85.67679	351.73260	3.22505	0.2207514	0.17916311	3.1162837	21	7 15.6	22.1
355105 2006 TO_{127}	16.3	X	261.03708	272.90972	143.13707	14.38790	0.3271956	0.18432471	3.0578324	21	7 6.4	21.4
355106 2006 UR_{12}	16.7	X	336.74382	178.45862	193.22789	6.85166	0.1248131	0.19251695	2.9704579	21	9 24.5	20.0
355107 2006 UV_{12}	16.9	X	23.06747	250.91581	138.15089	2.81056	0.0748187	0.20384575	2.8593563	21	12 27.4	20.6
355108 2006 US_{30}	17.0	X	86.30579	91.39266	218.25015	0.61946	0.1078756	0.20384473	2.8593659	21	12 10.6	21.3
355109 2006 UG_{35}	16.6	X	210.10156	207.99027	36.35468	4.96363	0.0166906	0.21268791	2.7795480	21	—	—
355110 2006 UR_{36}	16.8	X	344.91701	51.77783	295.38448	1.32181	0.1543840	0.19068908	2.9894101	21	9 4.8	19.9
355111 2006 UA_{45}	16.8	X	350.33241	358.58020	57.82042	2.82927	0.0749467	0.20082298	2.8879773	21	12 15.2	20.3
355112 2006 UD_{61}	16.5	X	263.40718	61.90454	9.54472	4.73363	0.1251649	0.18581988	3.0414074	21	8 24.4	20.7
355113 2006 UY_{61}	16.3	X	134.52623	116.04530	224.61499	10.18520	0.0355605	0.21824279	2.7321808	21	—	—
355114 2006 UX_{68}	16.5	X	336.83653	313.93120	96.57811	4.45909	0.1724446	0.19843293	2.9111207	21	11 19.7	19.5
355115 2006 UP_{84}	16.6	X	359.92996	8.87780	49.64504	2.76511	0.0567425	0.20276372	2.8695197	21	12 30.6	20.4
355116 2006 UU_{85}	16.1	X	231.65984	213.60633	234.00437	8.58086	0.0647171	0.18429919	3.0581147	21	8 9.7	20.7
355117 2006 UY_{88}	16.5	X	314.57030	123.12486	244.42605	3.96215	0.1431853	0.18710688	3.0274446	21	8 7.9	20.2
355118 2006 UZ_{96}	16.9	X	111.31006	204.43349	85.71612	3.22457	0.0379364	0.20329932	2.8644776	21	12 7.9	21.0
355119 2006 UN_{97}	16.4	X	164.84173	152.62396	54.59254	8.48433	0.0281986	0.19691698	2.9260423	21	10 29.3	20.6
355120 2006 UV_{110}	16.5	X	119.97003	52.98338	280.18983	4.12895	0.0157175	0.21741518	2.7391100	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355121 2006 UM_{120}	17.0	X	327.61058	260.18794	165.19669	3.17674	0.0894618	0.20037830	2.8922484	21	11 23.6	20.4
355122 2006 UL_{126}	17.2	X	254.42051	74.90377	6.16480	5.04677	0.1760783	0.18634822	3.0356560	21	8 19.1	21.7
355123 2006 UL_{130}	16.8	X	253.72871	111.54272	16.61292	4.28131	0.1270291	0.19598638	2.9352975	21	10 21.8	21.0
355124 2006 UE_{139}	16.4	X	223.15749	199.75917	9.93698	7.49568	0.0367251	0.20564477	2.8426558	21	—	—
355125 2006 UF_{142}	16.2	X	245.67175	73.55247	16.73857	8.58721	0.0452506	0.18716444	3.0268240	21	9 8.2	20.5
355126 2006 UF_{150}	17.4	X	217.28599	259.88270	63.52890	22.06154	0.0692691	0.36416392	1.9420993	21	1 30.3	20.2
355127 2006 UN_{160}	16.7	X	111.91104	182.16543	101.82295	3.20179	0.0329337	0.20337219	2.8637934	21	12 1.1	20.9
355128 2006 UP_{178}	16.1	X	322.64192	263.58917	106.70076	8.02591	0.2009750	0.19102133	2.9859427	21	8 23.8	19.4
355129 2006 UK_{182}	15.4	X	296.39583	285.02393	68.20157	15.51524	0.1234622	0.18161500	3.0881726	21	6 25.2	19.6
355130 2006 UL_{191}	16.2	X	125.68185	356.40475	349.32500	11.37278	0.2557360	0.21893893	2.7263863	21	1 1.5	20.3
355131 2006 UN_{192}	15.7	X	251.84902	177.43697	254.29671	14.64043	0.0688505	0.18609955	3.0383595	21	8 10.4	20.4
355132 2006 UT_{194}	16.7	X	323.56406	234.56220	196.73415	1.52224	0.0514204	0.20068134	2.8893360	21	11 25.4	20.3
355133 2006 UK_{203}	16.1	X	299.71854	70.84655	341.45261	9.81985	0.1374485	0.19218635	2.9738634	21	9 14.9	19.7
355134 2006 UW_{204}	17.5	X	195.53244	292.82650	15.57437	20.67058	0.0662165	0.36139950	1.9519904	21	—	—
355135 2006 UB_{206}	16.8	X	267.76677	220.30603	27.85259	2.27966	0.1582007	0.22687256	2.6624496	21	1 3.8	21.0
355136 2006 UG_{211}	15.9	X	171.54582	163.68586	26.45942	9.68162	0.0141294	0.19243402	2.9713113	21	10 14.9	19.9
355137 2006 UN_{220}	16.5	X	322.01125	39.41401	4.54284	9.74670	0.1129893	0.19626456	2.9325232	21	10 12.9	20.1
355138 2006 UA_{221}	16.8	X	279.61206	115.37891	264.23288	4.89117	0.3446990	0.18541878	3.0457919	21	6 7.0	21.4
355139 2006 UR_{238}	16.4	X	279.08210	224.17395	230.21182	11.09532	0.0059154	0.19717388	2.9235002	21	10 28.4	20.5
355140 2006 UQ_{257}	16.6	X	152.59992	283.23443	21.86877	6.56085	0.0251946	0.21426609	2.7658827	21	—	—
355141 2006 UG_{272}	17.2	X	163.02095	265.21393	52.09629	24.09409	0.0783575	0.34978004	1.9949838	21	—	—
355142 2006 UW_{291}	17.4	X	153.63283	27.49112	344.59399	17.51694	0.1081068	0.36040074	1.9555951	21	1 23.8	19.7
355143 2006 UL_{304}	17.2	X	70.20906	252.01153	137.74755	2.83535	0.0797821	0.21897660	2.7260736	21	—	—
355144 2006 UY_{330}	16.5	X	42.82584	199.07609	137.23764	11.38220	0.0699218	0.19896731	2.9059060	21	11 19.5	20.6
355145 2006 UZ_{343}	16.8	X	33.69340	11.49643	321.16071	1.29074	0.1036286	0.19647952	2.9303839	21	11 2.9	20.5
355146 2006 VP_{4}	15.6	X	219.40151	199.84251	234.65490	27.53771	0.1467144	0.17810402	3.1286254	21	7 1.0	21.0
355147 2006 VM_{8}	16.9	X	246.04483	315.71121	115.61728	2.18476	0.1566857	0.18127379	3.0920467	21	7 29.4	21.5
355148 2006 VC_{15}	16.1	X	276.41279	5.18412	40.01341	11.30975	0.1382831	0.18468786	3.0538227	21	8 8.3	20.5
355149 2006 VX_{21}	15.9	X	221.48692	236.35498	227.57146	20.84315	0.1461447	0.18465039	3.0542358	21	8 6.7	21.1
355150 2006 VJ_{26}	16.2	X	208.24875	246.34741	243.66169	8.99417	0.1711691	0.18272115	3.0756966	21	8 27.7	21.3
355151 2006 VJ_{27}	16.0	X	277.11193	169.04195	239.22675	15.15750	0.0889063	0.18404308	3.0609511	21	8 9.3	20.6
355152 2006 VE_{38}	16.8	X	211.17251	91.66141	39.85677	5.26631	0.1404260	0.18645622	3.0344836	21	9 10.1	21.6
355153 2006 VV_{43}	16.5	X	259.77511	180.14993	269.68232	3.21201	0.1578967	0.18648876	3.0341306	21	9 4.5	20.8
355154 2006 VF_{55}	16.3	X	242.80780	239.53364	230.07568	9.44189	0.0756989	0.18820891	3.0156153	21	9 18.6	20.8
355155 2006 VA_{58}	15.9	X	57.26723	18.60366	232.69739	18.35286	0.0427259	0.18084981	3.0968773	21	8 5.4	20.6
355156 2006 VD_{66}	16.6	X	278.15279	59.59694	75.31033	3.11882	0.0136980	0.20015590	2.8943904	21	12 16.9	20.5
355157 2006 VR_{76}	16.9	X	264.31942	35.27306	103.54523	3.27056	0.0258806	0.19936973	2.9019944	21	12 3.1	20.7
355158 2006 VV_{77}	17.0	X	333.26502	246.02920	153.11755	2.63026	0.0650204	0.19417750	2.9534987	21	10 28.5	20.7
355159 2006 VN_{78}	16.5	X	236.28765	333.75627	76.76183	8.08942	0.1968622	0.17793824	3.1305683	21	6 19.7	21.5
355160 2006 VR_{97}	16.4	X	192.69345	211.19800	350.11068	4.57068	0.0103571	0.19790062	2.9163386	21	11 22.4	20.5
355161 2006 VS_{97}	16.2	X	267.99056	189.82340	298.58606	4.64245	0.0746594	0.19703163	2.9249072	21	11 16.2	20.2
355162 2006 VC_{103}	16.0	X	230.51467	154.86919	276.20193	8.44551	0.0733887	0.17672347	3.1448980	21	7 19.8	20.6
355163 2006 VV_{112}	15.9	X	22.30949	32.57200	287.50313	7.97328	0.1414579	0.18917058	3.0053864	21	9 30.4	19.7
355164 2006 VP_{136}	17.0	X	215.89951	120.22377	344.57509	0.12291	0.1489196	0.17974906	3.1095076	21	8 9.8	21.9
355165 2006 VK_{139}	16.7	X	297.34690	314.66041	65.65422	4.77467	0.0964057	0.18253825	3.0777508	21	8 7.9	20.7
355166 2006 VP_{169}	16.8	X	276.76807	229.72749	168.21466	1.18165	0.1844466	0.18163906	3.0878999	21	7 18.5	21.1
355167 2006 VR_{170}	15.8	X	188.71288	262.25135	269.16757	9.06615	0.0437708	0.18735882	3.0247301	21	10 5.1	20.4
355168 2006 WG_{4}	16.0	X	98.17439	158.79093	83.62861	12.96819	0.0480859	0.18443516	3.0566114	21	9 30.8	20.6
355169 2006 WG_{7}	16.6	X	184.11779	56.86199	77.25023	12.22769	0.2408753	0.17674101	3.1446900	21	8 18.1	22.2
355170 2006 WG_{11}	16.1	X	201.58211	54.90542	49.49201	17.02020	0.2099460	0.17628987	3.1500526	21	7 28.2	21.7
355171 2006 WQ_{11}	16.0	X	298.49608	73.70548	304.35320	4.01641	0.2286700	0.18514318	3.0488138	21	7 15.8	19.7
355172 2006 WZ_{12}	16.1	X	294.87784	295.26899	83.38553	12.09199	0.1282218	0.18215476	3.0820691	21	7 28.6	20.2
355173 2006 WG_{18}	16.9	X	229.16820	232.07307	345.49296	3.11655	0.0348610	0.20960105	2.8067716	21	—	—
355174 2006 WK_{20}	16.2	X	47.40328	36.88716	338.13248	5.12128	0.0921637	0.20387474	2.8590853	21	—	—
355175 2006 WV_{47}	16.4	X	262.19823	48.25047	16.27232	2.53879	0.0994987	0.18241317	3.0791576	21	8 16.9	20.7
355176 2006 WA_{48}	16.3	X	3.00724	107.04287	220.22512	7.47440	0.1484147	0.18724988	3.0259031	21	9 8.4	19.8
355177 2006 WP_{53}	15.7	X	226.62238	24.77413	73.36464	14.25381	0.1803814	0.17769703	3.1334007	21	8 13.8	20.9
355178 2006 WE_{55}	15.5	X	257.79436	193.90314	251.88860	12.15947	0.1580675	0.18389312	3.0626150	21	8 23.5	20.3
355179 2006 WN_{73}	17.0	X	232.89206	179.96349	293.74987	0.90705	0.1668594	0.18546046	3.0453356	21	9 4.8	21.6
355180 2006 WR_{81}	16.7	X	297.05755	205.29275	158.02006	2.18739	0.1813853	0.18156757	3.0887105	21	7 1.2	20.8
355181 2006 WO_{89}	15.4	X	222.41411	10.46974	84.47920	16.27007	0.2895376	0.17551357	3.1593343	21	7 26.7	21.0
355182 2006 WQ_{92}	16.5	X	257.98262	30.69518	78.28941	4.72549	0.0894472	0.19088706	2.9873428	21	10 10.5	20.7
355183 2006 WT_{102}	17.0	X	8.16107	162.07884	242.07772	0.83452	0.0203133	0.19971948	2.8986054	21	12 19.3	21.0
355184 2006 WO_{109}	16.6	X	264.37783	346.62058	83.60373	4.33605	0.1207733	0.18279782	3.0748366	21	8 24.8	20.9
355185 2006 WD_{111}	16.4	X	287.15894	330.08870	77.75152	11.63769	0.1279386	0.18467104	3.0540081	21	8 28.7	20.6
355186 2006 WX_{115}	16.3	X	279.31541	140.57643	242.31101	8.03337	0.1180692	0.17910362	3.1169737	21	7 10.9	20.7
355187 2006 WZ_{139}	15.8	X	299.01239	335.90492	90.51759	12.35426	0.0611043	0.19262178	2.9693801	21	10 19.6	19.9
355188 2006 WM_{158}	16.3	X	225.72883	154.60716	269.70060	9.43327	0.2139086	0.17658956	3.1464876	21	6 25.8	21.4
355189 2006 WN_{160}	15.8	X	238.70349	358.70101	87.48889	13.32156	0.1567670	0.17870543	3.1216021	21	8 12.1	20.7
355190 2006 WN_{180}	16.9	X	284.90629	190.01174	203.23597	1.62410	0.2186067	0.18380760	3.0635648	21	7 17.7	21.0
355191 2006 WS_{188}	16.4	X	177.72598	236.43002	260.58435	8.09399	0.0399647	0.17824139	3.1270177	21	8 11.2	21.1
355192 2006 WV_{190}	16.8	X	247.37499	47.36824	37.82193	0.98223	0.1447778	0.18049544	3.1009296	21	8 18.9	21.4
355193 2006 WA_{198}	16.0	X	232.70018	10.53367	87.13203	13.99167	0.2530489	0.17982363	3.1086480	21	8 11.4	21.3
355194 2006 WO_{202}	15.4	X	93.33594	316.49686	287.02908	21.27872	0.1394515	0.17632045	3.1496884	21	9 17.0	20.6
355195 2006 XX_{5}	15.5	X	223.70167	358.31159	85.06046	19.63842	0.2011303	0.17817683	3.1277730	21	7 18.6	20.7
355196 2006 XY_{7}	16.2	X	279.68282	261.81424	170.88420	9.09744	0.1977376	0.18658169	3.0331231	21	9 3.0	20.1
355197 2006 XR_{16}	15.8	X	218.10018	195.71605	305.52739	8.79336	0.0740276	0.18313747	3.0710337	21	9 27.9	20.5
355198 2006 XY_{23}	16.7	X	240.08438	297.06852	147.91358	6.10252	0.1127986	0.18119757	3.0929137	21	8 13.7	21.4
355199 2006 XW_{30}	16.1	X	236.05548	114.51200	298.67127	12.75422	0.2934016	0.17398482	3.1778141	21	6 16.2	21.6
355200 2006 XN_{36}	16.6	X	247.17642	7.95589	78.64273	2.39033	0.1436975	0.17898129	3.1183939	21	8 21.0	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355201 2006 XA_{45}	16.8	X	251.10633	320.06130	77.79298	2.19366	0.1849891	0.17645853	3.1480451	21	6 19.8	21.6
355202 2006 XC_{52}	15.8	X	264.00416	151.77401	268.59709	11.70985	0.1555898	0.18116099	3.0933301	21	8 1.4	20.5
355203 2006 XM_{65}	15.5	X	220.50993	222.43110	234.12210	18.16223	0.0445969	0.17872595	3.1213632	21	8 5.9	20.4
355204 2006 XZ_{69}	15.8	X	80.01070	7.21882	292.88767	9.19405	0.0975932	0.18786599	3.0192838	21	11 16.6	20.3
355205 2006 XF_{71}	15.5	X	37.53738	187.29669	101.54594	10.58487	0.0761015	0.17681481	3.1438148	21	9 12.2	19.8
355206 2006 YA_{8}	15.7	X	93.04343	312.01817	298.02614	8.81998	0.0297989	0.17808457	3.1288532	21	9 19.3	20.3
355207 2006 YJ_{9}	16.0	X	215.78092	130.71052	311.08908	13.39599	0.2675129	0.17425268	3.1745566	21	7 7.4	21.5
355208 2006 YR_{13}	15.2	X	232.87556	348.88887	105.83381	18.14852	0.1148486	0.17617744	3.1513927	21	8 21.1	20.1
355209 2006 YR_{15}	16.4	X	140.96970	74.07307	112.52586	14.49620	0.2298132	0.17233092	3.1981138	21	9 16.9	22.0
355210 2006 YF_{33}	15.5	X	149.46436	262.06657	309.38418	14.52215	0.1321417	0.18077671	3.0977122	21	10 7.9	20.8
355211 2006 YS_{34}	15.9	X	97.07173	254.63400	308.99143	13.60771	0.0676984	0.16931656	3.2359596	21	8 5.5	20.4
355212 2006 YV_{38}	15.8	X	196.74962	352.43042	105.95798	11.89284	0.0931084	0.16922815	3.2370866	21	7 16.8	20.7
355213 2006 YH_{48}	15.7	X	169.52936	258.71959	307.14463	7.18320	0.1532333	0.18242678	3.0790045	21	10 23.9	20.8
355214 2006 YK_{48}	15.5	X	7.14358	29.65130	307.84240	8.87971	0.1392813	0.18088959	3.0964234	21	9 26.5	19.3
355215 2006 YM_{52}	15.7	X	145.49243	120.33642	112.38401	19.27079	0.2097913	0.18363012	3.0655385	21	11 14.5	21.2
355216 2006 YH_{53}	16.4	X	155.98656	22.12523	143.63288	7.80239	0.0931686	0.17219426	3.1998057	21	8 27.1	21.2
355217 2006 YF_{54}	16.2	X	130.98559	273.80790	267.02527	3.58905	0.0878766	0.17165693	3.2064796	21	8 17.3	21.0
355218 2007 AN_{1}	15.8	X	310.33605	248.25289	115.03550	11.38960	0.1080784	0.17486767	3.1671091	21	8 1.7	19.9
355219 2007 AP_{21}	16.0	X	244.31835	4.11531	98.05238	5.80095	0.0997415	0.17999699	3.1066516	21	9 13.5	20.5
355220 2007 AF_{23}	15.6	X	257.68895	273.71119	122.75312	20.01582	0.1826166	0.17323398	3.1869897	21	6 26.6	20.6
355221 2007 AW_{27}	16.1	X	216.96058	317.82402	111.36414	10.38309	0.0773828	0.16916095	3.2379438	21	7 2.9	21.0
355222 2007 BT_{4}	15.6	X	209.73499	135.10406	314.01197	25.93189	0.1545148	0.17041635	3.2220223	21	7 19.7	20.9
355223 2007 BM_{6}	15.2	X	307.09072	255.18864	111.29219	23.02703	0.1287340	0.17452751	3.1712230	21	7 28.9	19.3
355224 2007 BO_{6}	15.2	X	139.79675	290.46038	293.19393	12.60205	0.2468584	0.17741066	3.1367717	21	10 18.9	20.9
355225 2007 BK_{15}	15.9	X	121.53457	268.41893	322.52154	4.65992	0.0502884	0.17854484	3.1234737	21	10 4.1	20.4
355226 2007 BX_{34}	15.7	X	113.50675	113.54835	124.95533	27.04724	0.1926896	0.17719496	3.1393168	21	10 28.7	21.3
355227 2007 BZ_{58}	15.8	X	259.43095	301.99991	108.09825	17.32147	0.0969076	0.17391357	3.1786820	21	7 25.7	20.3
355228 2007 BT_{60}	15.4	X	318.50176	20.02908	337.58001	15.42681	0.0307219	0.17006937	3.2264032	21	8 16.2	19.8
355229 2007 BV_{60}	15.8	X	243.47217	157.67101	293.78985	9.93919	0.0469814	0.17877760	3.1207620	21	8 30.0	20.4
355230 2007 BR_{62}	16.1	X	2.98525	195.74388	139.68293	11.11706	0.0741462	0.17646092	3.1480166	21	9 19.9	20.2
355231 2007 BQ_{80}	15.7	X	2.40395	17.18531	315.21085	9.70551	0.0765674	0.17760148	3.1345245	21	9 8.9	19.8
355232 2007 BU_{80}	15.2	X	119.14122	211.28375	340.57818	9.58837	0.0079248	0.16712059	3.2642449	21	8 12.4	19.9
355233 2007 BN_{92}	16.0	X	331.08657	41.20720	307.86790	9.46462	0.0912215	0.17440200	3.1727443	21	8 14.8	19.9
355234 2007 BA_{100}	15.6	X	77.44086	307.84700	312.77047	8.18459	0.0505956	0.17578512	3.1560798	21	9 17.1	20.1
355235 2007 CT_{6}	16.1	X	170.83253	36.74365	111.17438	11.74472	0.0712909	0.17304477	3.1893124	21	8 22.4	21.0
355236 2007 CW_{27}	16.0	X	190.58485	163.68812	317.56505	4.46923	0.1115823	0.16922950	3.2370693	21	8 6.9	21.0
355237 2007 CY_{28}	16.7	X	212.47709	202.38140	245.41050	2.64494	0.3376997	0.17242154	3.1969932	21	7 7.3	22.5
355238 2007 CS_{32}	15.8	X	23.72257	189.77476	140.70131	10.96725	0.1257767	0.17882641	3.1201941	21	10 21.5	19.9
355239 2007 CL_{55}	16.1	X	32.12250	147.39419	163.55870	9.90551	0.0815364	0.17495066	3.1661075	21	9 30.3	20.3
355240 2007 DA_{2}	16.3	X	174.49839	318.23820	194.02808	5.00380	0.1883096	0.17063435	3.2192774	21	8 26.9	21.7
355241 2007 DJ_{2}	15.0	X	119.03574	205.90569	344.53080	18.32113	0.0661327	0.16758538	3.2582066	21	8 19.3	19.9
355242 2007 DG_{11}	15.3	X	167.61360	266.53096	166.71065	10.15301	0.0556329	0.15167647	3.4822283	21	5 18.6	20.6
355243 2007 DK_{41}	15.5	X	138.61979	77.54838	107.61505	21.25034	0.1317269	0.16931122	3.2360276	21	9 10.0	20.9
355244 2007 DD_{54}	15.6	X	95.23586	120.61760	120.77400	26.42009	0.1264634	0.17441056	3.1726405	21	10 7.2	20.8
355245 2007 EA_{107}	16.0	X	156.43600	136.89198	131.00512	6.08973	0.1232146	0.18025817	3.1036500	21	12 25.9	20.9
355246 2007 EO_{168}	18.2	X	116.26369	131.19923	109.53950	2.32776	0.1096978	0.30556116	2.1830848	21	11 2.0	21.1
355247 2007 EH_{193}	15.6	X	275.72490	59.79639	341.03228	9.80626	0.1260346	0.17043193	3.2218259	21	7 31.9	20.2
355248 2007 GB_{38}	17.7	X	23.27917	164.32527	176.87544	4.28266	0.1561155	0.30457989	2.1877712	21	11 30.2	20.0
355249 2007 GE_{58}	18.2	X	92.68706	161.17912	90.71717	3.94556	0.1254115	0.30185518	2.2009168	21	10 23.3	21.1
355250 2007 HX_{24}	18.0	X	87.20881	80.26911	176.35784	3.79117	0.1501213	0.29918189	2.2140080	21	10 24.9	20.9
355251 2007 HV_{50}	18.3	X	113.66731	85.22664	166.81258	3.99041	0.1288367	0.30423790	2.1894104	21	11 15.2	21.3
355252 2007 HU_{56}	18.5	X	119.82696	85.26482	151.85414	3.37155	0.1254610	0.30283137	2.1961844	21	11 1.8	21.7
355253 2007 HL_{85}	17.5	X	61.62903	199.49684	89.46469	6.26064	0.1293274	0.29990709	2.2104374	21	11 6.1	20.2
355254 2007 JB_{26}	18.0	X	154.00485	20.45039	152.75475	4.37112	0.0805190	0.29753144	2.2221880	21	9 11.8	21.0
355255 2007 JE_{45}	17.2	X	294.17528	164.25329	149.13934	6.02740	0.2471970	0.27529463	2.3402966	21	4 7.5	20.3
355256 2007 KN_{4}	16.8	X	115.80104	51.23052	232.43875	12.53308	0.6309415	0.16120433	3.3436303	21	12 23.9	23.8
355257 2007 KM_{8}	17.3	X	26.80232	220.81890	72.36028	8.96008	0.1524887	0.29171660	2.2516210	21	9 26.8	19.6
355258 2007 LY_{4}	18.8	X	97.75705	114.16448	129.84984	2.79708	0.1434303	0.29850247	2.2173662	21	10 19.3	21.8
355259 2007 NT_{2}	17.4	X	42.12765	140.04752	136.96846	11.72376	0.2107939	0.28736615	2.2742889	21	10 7.1	20.1
355260 2007 OO_{3}	17.1	X	3.94559	146.66104	169.96553	4.97210	0.1654311	0.28506749	2.2864985	21	9 12.6	18.9
355261 2007 OY_{4}	16.9	X	354.86769	294.09055	0.98337	6.85618	0.1222086	0.27864936	2.3214750	21	7 16.4	19.0
355262 2007 OC_{7}	17.2	X	80.19428	164.47801	123.32482	6.83298	0.1585275	0.29625083	2.2285874	21	11 28.4	20.4
355263 2007 PZ_{6}	16.4	X	352.48546	333.60080	327.86788	27.97008	0.1867679	0.28293730	2.2979606	21	7 30.1	18.4
355264 2007 PE_{16}	17.1	X	299.98675	154.49099	138.62313	8.64200	0.2464570	0.26715898	2.3875705	21	3 19.8	20.4
355265 2007 PH_{16}	17.2	X	313.73980	189.72057	121.82941	7.56516	0.2552086	0.27199768	2.3591701	21	5 1.6	19.9
355266 2007 PM_{19}	16.9	X	250.22918	27.48617	314.33910	5.37520	0.1487333	0.26440286	2.4041337	21	4 4.9	20.7
355267 2007 PK_{24}	17.1	X	281.43944	52.21427	247.65814	4.30707	0.2254033	0.26438871	2.4042195	21	3 6.9	20.9
355268 2007 PK_{37}	17.2	X	68.32942	114.89085	161.95015	8.39216	0.1780763	0.29023576	2.2592733	21	11 3.5	20.3
355269 2007 PH_{47}	13.5	X	79.32644	149.32371	170.22091	22.57963	0.0498128	0.08137420	5.2740579	21	11 21.3	20.7
355270 2007 PQ_{47}	13.6	X	56.71582	170.37232	167.02341	17.90553	0.1369414	0.08200260	5.2470796	21	11 26.3	20.6
355271 2007 PA_{48}	16.8	X	306.79703	200.88247	119.69321	7.85019	0.1258687	0.27392079	2.3481151	21	5 25.2	19.6
355272 2007 QD_{9}	16.8	X	192.70087	37.79267	342.58822	7.88577	0.0368393	0.25879743	2.4387245	21	3 27.3	20.0
355273 2007 QX_{16}	17.5	X	130.31341	58.26920	287.93594	4.07784	0.2308511	0.24071222	2.5593948	21	—	—
355274 2007 QZ_{17}	17.5	X	151.54412	243.94445	176.69855	6.14379	0.0540973	0.25726046	2.4484281	21	4 3.6	20.8
355275 2007 RP_{4}	17.9	X	357.75504	27.69841	279.82327	2.54763	0.2078197	0.28002268	2.3138787	21	8 13.4	19.3
355276 2007 RF_{17}	17.5	X	3.15930	132.10847	175.34503	2.56314	0.1976426	0.27967278	2.3158082	21	8 27.9	18.9
355277 2007 RN_{18}	17.1	X	171.07661	27.85105	303.91162	11.53252	0.1508201	0.24632531	2.5203645	21	1 13.2	20.9
355278 2007 RS_{32}	16.3	X	70.07253	38.38631	4.57879	25.79096	0.2825780	0.23318459	2.6141840	21	—	—
355279 2007 RM_{33}	16.4	X	3.74981	297.66911	54.21155	4.30172	0.2567257	0.21418107	2.7666145	21	11 4.6	18.7
355280 2007 RQ_{41}	17.1	X	243.54940	320.13099	17.29068	3.07944	0.2257700	0.26101067	2.4249188	21	3 22.4	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355281 2007 RT_{42}	17.1	X	328.15048	74.61365	228.33646	4.81394	0.1747077	0.27142503	2.3624871	21	5 25.7	19.4
355282 2007 RV_{70}	17.1	X	134.09388	340.19726	140.11600	5.52421	0.0300637	0.26581040	2.3956392	21	5 30.0	20.2
355283 2007 RR_{80}	17.4	X	74.51325	279.68581	343.50308	4.38438	0.1670608	0.28729915	2.2746426	21	10 17.2	20.4
355284 2007 RB_{85}	16.6	X	41.81410	114.64710	346.88234	13.13798	0.1224463	0.24282644	2.5445173	21	—	—
355285 2007 RW_{92}	17.2	X	271.23747	325.76539	3.52104	6.73579	0.1350667	0.26308037	2.4121839	21	4 14.3	20.7
355286 2007 RN_{99}	13.9	X	199.57123	31.04043	171.31153	8.92311	0.0262063	0.08307095	5.2019950	21	11 15.7	20.9
355287 2007 RS_{101}	14.2	X	59.03623	188.17077	157.50245	8.03259	0.0552485	0.08286371	5.2106647	21	11 26.6	21.1
355288 2007 RG_{141}	17.4	X	252.94509	139.34221	205.42954	2.16274	0.2051237	0.26230445	2.4169386	21	4 9.5	21.1
355289 2007 RV_{145}	16.9	X	82.17450	52.47699	321.60202	5.92244	0.2424222	0.23095479	2.6309831	21	—	—
355290 2007 RB_{154}	17.9	X	302.03955	103.19918	195.34630	3.23633	0.1969852	0.26729036	2.3867881	21	4 2.9	21.0
355291 2007 RT_{155}	13.6	X	33.30634	197.93891	173.32941	14.13070	0.0492005	0.08188222	5.2522207	21	11 24.8	20.5
355292 2007 RA_{158}	16.9	X	123.80985	240.71557	133.60171	9.05412	0.1957768	0.24090603	2.5580220	21	1 20.4	20.3
355293 2007 RH_{160}	17.5	X	21.29763	254.69447	174.17033	7.47741	0.2907221	0.22571270	2.6715628	21	—	—
355294 2007 RS_{161}	17.7	X	16.58096	242.33368	55.76836	2.38697	0.2184466	0.27990672	2.3145177	21	9 19.1	19.4
355295 2007 RV_{177}	17.5	X	92.01818	285.58182	108.75966	4.03860	0.1274710	0.23707356	2.5855165	21	—	—
355296 2007 RV_{179}	16.1	X	74.94984	335.20140	39.66534	15.62502	0.1462624	0.22498105	2.6773517	21	—	—
355297 2007 RM_{185}	17.7	X	355.25016	255.10577	36.56415	2.52397	0.2158664	0.27488099	2.3426437	21	7 7.8	18.9
355298 2007 RV_{195}	16.8	X	83.49587	247.85379	200.40489	4.63422	0.1067825	0.24505146	2.5290914	21	2 15.1	19.7
355299 2007 RH_{200}	18.0	X	40.85771	95.03746	351.60510	5.59105	0.2391288	0.23338320	2.6127007	21	—	—
355300 2007 RK_{201}	17.6	X	82.86506	165.15059	203.74825	2.68687	0.2390423	0.23095585	2.6309751	21	—	—
355301 2007 RA_{239}	17.3	X	328.47192	350.39913	327.52342	6.78744	0.1314522	0.27392113	2.3481132	21	6 26.5	19.6
355302 2007 RS_{241}	15.7	X	331.93853	309.89029	170.60848	28.53584	0.1073807	0.23337175	2.6127861	21	—	—
355303 2007 RB_{245}	17.2	X	34.00177	234.61377	26.22902	11.33465	0.2130551	0.27520615	2.3407981	21	8 29.6	19.6
355304 2007 RL_{251}	17.6	X	82.00051	88.10455	312.32397	4.11520	0.2157736	0.23537387	2.5979486	21	—	—
355305 2007 RC_{273}	17.6	X	278.10485	11.93269	282.51739	1.97859	0.1354979	0.25778894	2.4450807	21	3 8.5	20.9
355306 2007 RV_{277}	16.9	X	39.19570	280.68501	126.66927	13.50436	0.2651841	0.22773311	2.6557382	21	—	—
355307 2007 RO_{280}	16.9	X	115.41496	95.53898	279.86304	8.56998	0.2163138	0.23824453	2.5770376	21	1 14.6	20.3
355308 2007 RC_{293}	17.2	X	77.74483	126.57686	3.39384	14.80047	0.0844536	0.25463469	2.4652313	21	3 31.2	20.0
355309 2007 RR_{297}	17.1	X	99.07886	308.38299	104.82970	2.83851	0.2115969	0.24378041	2.5378747	21	2 10.3	20.0
355310 2007 RB_{309}	13.9	X	328.99704	270.18857	169.32485	6.52230	0.0409719	0.08275716	5.2151365	21	11 22.1	20.6
355311 2007 RY_{309}	17.2	X	157.80379	307.13601	38.02569	4.55765	0.1592339	0.24450563	2.5328539	21	1 17.7	20.9
355312 2007 RZ_{310}	16.6	X	66.63845	283.30112	66.87361	12.29888	0.2780808	0.22646990	2.6656046	21	—	—
355313 2007 RZ_{320}	17.7	X	48.68032	156.23751	133.68929	1.47514	0.2110882	0.28585860	2.2822780	21	10 30.3	20.5
355314 2007 RP_{321}	17.1	X	308.79198	320.48434	353.42423	6.78139	0.1319743	0.26750516	2.3855102	21	5 13.0	20.0
355315 2007 RR_{322}	17.2	X	238.38862	346.01048	334.71648	6.38592	0.1145532	0.25552034	2.4595316	21	3 2.4	20.9
355316 2007 RZ_{323}	16.8	X	44.23463	103.33274	18.13286	17.02118	0.0704054	0.24225642	2.5485071	21	2 5.6	20.2
355317 2007 SN_{12}	17.3	X	81.79874	15.29155	12.07222	4.75169	0.2293298	0.23247774	2.6194803	21	—	—
355318 2007 SM_{14}	15.9	X	88.47694	156.46696	255.27782	11.07450	0.1903361	0.23380922	2.6095260	21	1 18.2	18.9
355319 2007 SB_{16}	17.5	X	81.55967	234.05142	168.22259	11.61933	0.2168661	0.23738421	2.5832602	21	—	—
355320 2007 SP_{16}	17.4	X	4.96800	114.30562	177.30187	5.46600	0.1786738	0.27868824	2.3212591	21	8 1.2	19.2
355321 2007 SF_{22}	17.1	X	339.27261	112.00954	336.19120	7.29932	0.2667073	0.21873869	2.7280499	21	—	—
355322 2007 TF	17.6	X	332.07869	340.16424	297.56943	9.07687	0.0982960	0.26856295	2.3792422	21	5 1.6	20.4
355323 2007 TR_{17}	17.4	X	357.29550	57.66326	8.52023	4.21825	0.3069940	0.21892720	2.7264837	21	—	—
355324 2007 TT_{26}	17.6	X	30.34076	229.58875	195.84606	3.91766	0.1755343	0.22770822	2.6559317	21	—	—
355325 2007 TH_{29}	17.9	X	121.60637	175.28354	205.04556	2.52807	0.1505916	0.23844476	2.5755947	21	1 19.0	21.2
355326 2007 TN_{45}	17.3	X	9.16582	280.73798	206.66448	6.18569	0.1776677	0.23274838	2.6174492	21	—	—
355327 2007 TL_{51}	17.6	X	86.46840	151.87315	219.08571	1.70553	0.1435596	0.23004669	2.6379024	21	—	—
355328 2007 TE_{52}	17.1	X	150.95301	299.49304	23.05539	4.51703	0.0345857	0.23257488	2.6187508	21	—	—
355329 2007 TY_{54}	17.9	X	88.34103	102.84304	280.62458	1.68232	0.1343589	0.23139432	2.6276504	21	—	—
355330 2007 TZ_{54}	17.5	X	63.84019	67.91581	302.65436	1.24533	0.2172495	0.22511772	2.6762680	21	—	—
355331 2007 TG_{56}	17.4	X	52.93058	188.70459	229.20425	3.37306	0.0542344	0.23020228	2.6367136	21	—	—
355332 2007 TV_{57}	17.3	X	57.62224	159.87333	210.35321	1.83227	0.2265170	0.22381432	2.6866482	21	—	—
355333 2007 TW_{64}	17.3	X	259.41650	184.67556	95.64005	1.92462	0.0864113	0.24504682	2.5291233	21	2 6.3	20.8
355334 2007 TV_{67}	17.4	X	33.25772	92.64373	324.30276	3.60502	0.2871706	0.22534139	2.6744967	21	—	—
355335 2007 TJ_{71}	17.0	X	42.79904	91.65884	333.15302	14.42161	0.1915557	0.23055664	2.6340113	21	—	—
355336 2007 TB_{77}	17.5	X	75.35516	118.11878	285.44583	2.85224	0.1950360	0.23235485	2.6204038	21	—	—
355337 2007 TA_{84}	17.1	X	157.67670	139.52505	230.30713	5.89129	0.0930522	0.24293367	2.5437684	21	2 7.0	20.8
355338 2007 TO_{84}	17.4	X	45.40482	49.88364	11.79002	7.24412	0.2384122	0.22732332	2.6589289	21	—	—
355339 2007 TS_{90}	17.4	X	43.36753	279.88966	119.76958	2.76388	0.2463821	0.22482580	2.6785841	21	—	—
355340 2007 TH_{110}	17.6	X	354.05372	96.91543	160.82496	1.58543	0.1426577	0.26131362	2.4230443	21	5 12.3	19.8
355341 2007 TT_{110}	17.1	X	83.62011	55.80740	333.61499	11.54471	0.2475252	0.23390447	2.6088175	21	—	—
355342 2007 TB_{112}	17.3	X	61.15657	34.24759	357.16246	13.85076	0.2650889	0.22867678	2.6484270	21	—	—
355343 2007 TK_{118}	17.3	X	137.01999	224.58399	143.33135	3.21540	0.1624123	0.23978487	2.5659894	21	1 23.5	20.9
355344 2007 TV_{121}	16.7	X	341.61509	299.03355	205.12141	12.84780	0.0921133	0.23246203	2.6195983	21	—	—
355345 2007 TF_{130}	16.7	X	102.96098	329.88161	41.41008	6.78471	0.2095240	0.23227274	2.6210213	21	—	—
355346 2007 TK_{136}	17.7	X	46.27886	228.22993	174.44444	2.60870	0.1593420	0.22845943	2.6501065	21	—	—
355347 2007 TU_{139}	16.9	X	73.43091	46.10755	352.31267	12.04571	0.1902673	0.23069669	2.6329451	21	—	—
355348 2007 TC_{153}	17.4	X	68.94760	122.85351	269.45490	2.90770	0.3174891	0.23016083	2.6370302	21	—	—
355349 2007 TG_{157}	16.9	X	37.90220	93.67878	313.22633	2.17889	0.2330685	0.22485778	2.6783301	21	—	—
355350 2007 TM_{159}	16.2	X	197.80697	289.24097	20.82118	15.01039	0.1225307	0.24069487	2.5595178	21	1 14.5	20.4
355351 2007 TP_{168}	16.7	X	285.25086	330.47458	0.31052	7.12681	0.1679611	0.26429051	2.4048150	21	4 27.9	19.9
355352 2007 TP_{172}	16.9	X	326.38619	153.42410	242.07574	2.78846	0.1008357	0.20932862	2.8092064	21	10 12.5	20.3
355353 2007 TS_{184}	16.8	X	119.95439	313.30105	47.81981	10.04815	0.0694891	0.23365007	2.6107109	21	—	—
355354 2007 TB_{198}	17.5	X	115.35488	165.06715	224.80722	6.20700	0.1495360	0.23906065	2.5711692	21	1 21.8	20.9
355355 2007 TQ_{198}	17.5	X	351.49265	349.21768	282.94669	1.38730	0.1859260	0.26687103	2.3892876	21	5 24.7	19.4
355356 2007 TB_{221}	16.7	X	89.74366	304.01380	156.98650	6.46841	0.0868918	0.25733610	2.4479483	21	3 11.2	19.5
355357 2007 TN_{223}	16.0	X	105.31138	266.02078	110.49463	13.08858	0.1977105	0.23354307	2.6115082	21	1 1.3	19.1
355358 2007 TS_{244}	17.0	X	115.33283	31.27957	350.32614	12.00363	0.1928603	0.23778506	2.5803563	21	1 23.4	20.5
355359 2007 TH_{246}	16.5	X	96.08110	23.73423	329.67226	13.74176	0.2649326	0.23009285	2.6375496	21	—	—
355360 2007 TB_{253}	17.5	X	11.80487	158.15080	53.59911	2.08396	0.1251333	0.25626644	2.4547554	21	4 8.4	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355361 2007 TR_{253}	17.4	X	41.52615	243.49296	30.52241	6.47399	0.1978787	0.27841487	2.3227783	21	9 25.5	19.8
355362 2007 TF_{254}	17.6	X	48.70628	27.06416	88.22091	3.72443	0.0861745	0.23909584	2.5709169	21	1 29.3	20.4
355363 2007 TP_{261}	16.8	X	163.96190	294.45535	35.60669	12.17874	0.0893745	0.23625274	2.5915016	21	—	—
355364 2007 TM_{262}	17.5	X	95.49386	180.62847	203.35984	1.62785	0.2314469	0.23267740	2.6179815	21	1 1.7	20.4
355365 2007 TF_{266}	17.3	X	64.14154	48.66093	173.48002	10.83532	0.1014556	0.27430603	2.3459161	21	7 24.5	20.3
355366 2007 TO_{272}	16.3	X	40.55103	37.54834	47.10293	14.43654	0.0713766	0.23244722	2.6197096	21	—	—
355367 2007 TA_{276}	17.2	X	42.77935	305.37663	324.49100	2.47894	0.2090748	0.27860786	2.3217056	21	9 20.2	19.7
355368 2007 TU_{287}	16.3	X	74.11426	338.99008	39.83475	17.16541	0.2856293	0.23021435	2.6366215	21	—	—
355369 2007 TP_{310}	17.5	X	74.50185	269.96656	123.00983	2.46393	0.1605668	0.23135411	2.6279549	21	—	—
355370 2007 TO_{314}	16.8	X	28.66649	15.66837	84.92067	3.63942	0.1543704	0.23297553	2.6157476	21	—	—
355371 2007 TE_{330}	16.7	X	8.26735	229.57030	224.30922	13.19007	0.1548911	0.22591594	2.6699603	21	—	—
355372 2007 TD_{331}	16.9	X	177.61920	49.00972	261.85618	3.72742	0.1967879	0.23764676	2.5813573	21	—	—
355373 2007 TE_{332}	16.7	X	36.97244	60.92433	28.68281	13.44095	0.0827054	0.23153021	2.6266222	21	—	—
355374 2007 TK_{332}	17.5	X	69.33773	115.18846	320.52665	2.08563	0.0965754	0.23540474	2.5977215	21	1 9.9	20.4
355375 2007 TL_{350}	13.3	X	221.21957	190.09902	348.25524	15.02369	0.0238407	0.08372063	5.1750482	21	11 5.2	20.4
355376 2007 TW_{353}	16.6	X	109.80412	246.76543	162.53344	6.77539	0.1012592	0.23882737	2.5728432	21	2 2.2	19.9
355377 2007 TW_{355}	16.4	X	58.30585	300.14172	118.68939	13.81346	0.2522026	0.23067537	2.6331073	21	—	—
355378 2007 TJ_{366}	17.3	X	106.27305	58.71084	319.59460	4.94852	0.1917355	0.23405604	2.6076912	21	1 4.4	20.5
355379 2007 TS_{376}	16.5	X	84.42492	335.08939	72.88832	12.04113	0.1245662	0.23577092	2.5950311	21	—	—
355380 2007 TT_{394}	17.3	X	22.14520	322.15792	131.04550	2.11121	0.0708679	0.23195536	2.6234117	21	—	—
355381 2007 TQ_{409}	16.5	X	50.38769	286.51250	104.40168	5.02518	0.0937853	0.22549387	2.6732909	21	—	—
355382 2007 TO_{411}	16.1	X	183.00457	343.80278	346.02773	15.16070	0.1170374	0.24202703	2.5501172	21	1 24.5	20.1
355383 2007 TM_{412}	17.1	X	103.34246	68.32164	332.07033	8.70391	0.2131581	0.23825907	2.5769328	21	2 1.5	20.2
355384 2007 TP_{422}	16.2	X	274.91460	278.50929	251.60222	14.11510	0.1495780	0.22011699	2.7166499	21	—	—
355385 2007 TQ_{423}	16.3	X	259.02601	221.38354	45.17244	10.68491	0.0391304	0.24261145	2.5460202	21	1 26.7	20.0
355386 2007 TB_{426}	17.5	X	148.62831	100.13158	246.65799	2.82516	0.2139717	0.23930501	2.5694186	21	1 15.5	21.5
355387 2007 TG_{437}	13.7	X	28.70996	216.68824	166.82416	4.54651	0.0632233	0.08270475	5.2173391	21	12 2.7	20.4
355388 2007 TU_{437}	17.5	X	82.62312	76.00864	301.97525	3.81727	0.1630634	0.23100094	2.6306328	21	—	—
355389 2007 TZ_{439}	17.5	X	291.60215	199.97353	23.40892	4.23469	0.0282370	0.24168883	2.5524956	21	1 10.5	20.9
355390 2007 TL_{441}	16.2	X	236.86611	248.47983	58.29403	14.45608	0.0661562	0.24591570	2.5231625	21	2 22.7	20.1
355391 2007 TA_{442}	17.1	X	59.68372	252.01506	164.74596	13.01355	0.1762139	0.23210189	2.6223074	21	—	—
355392 2007 TR_{442}	16.6	X	88.14658	75.62979	358.02613	15.41584	0.1251210	0.23914326	2.5705770	21	2 13.9	19.8
355393 2007 TC_{451}	16.6	X	15.97697	98.98346	43.74182	12.66024	0.0463875	0.23598972	2.5934268	21	1 19.6	20.1
355394 2007 UX	16.7	X	2.57865	30.53480	56.68251	12.52309	0.1804221	0.22356389	2.6886542	21	—	—
355395 2007 UE_{7}	16.8	X	18.44457	85.83112	308.99065	12.77223	0.2045802	0.22067506	2.7120678	21	—	—
355396 2007 UM_{9}	16.7	X	43.05472	329.36147	104.02204	6.73220	0.1918644	0.23066276	2.6332033	21	—	—
355397 2007 UK_{14}	16.5	X	160.54209	94.38748	272.60643	9.44394	0.1398663	0.24356511	2.5393701	21	2 9.9	20.4
355398 2007 UO_{17}	17.2	X	18.78779	56.95056	214.65412	2.09403	0.1507357	0.27223624	2.3577917	21	7 28.1	19.1
355399 2007 UH_{34}	16.7	X	79.38045	249.53622	140.09828	12.94641	0.3386261	0.23005385	2.6378477	21	—	—
355400 2007 US_{43}	17.1	X	83.49111	353.17193	93.47437	3.34756	0.0615604	0.24204971	2.5499579	21	2 10.3	20.2
355401 2007 UX_{46}	16.7	X	97.94846	307.21207	65.01700	5.79851	0.1964214	0.23070431	2.6328872	21	—	—
355402 2007 UP_{52}	16.6	X	177.34670	248.89291	103.31557	4.46645	0.1423857	0.24119060	2.5560095	21	2 13.7	20.6
355403 2007 UJ_{55}	17.0	X	340.71704	250.20355	222.27689	9.37985	0.1084103	0.22384030	2.6864403	21	—	—
355404 2007 UJ_{61}	17.1	X	352.15702	259.77797	213.84192	2.93426	0.2292927	0.22314418	2.6920245	21	—	—
355405 2007 UC_{67}	17.3	X	33.39714	232.54288	246.74220	2.01676	0.1361938	0.23790295	2.5795037	21	1 7.4	19.7
355406 2007 UU_{76}	17.5	X	33.83443	69.04092	33.24639	4.31329	0.1271855	0.23182725	2.6243780	21	—	—
355407 2007 UE_{78}	17.6	X	341.79030	93.57195	173.95294	1.47678	0.1443177	0.26105083	2.4246701	21	5 2.6	19.9
355408 2007 UK_{78}	17.3	X	60.91921	348.23331	103.18928	4.49619	0.1661789	0.23615565	2.5922118	21	1 23.3	19.8
355409 2007 UG_{87}	16.3	X	152.61214	244.66701	45.01179	12.53495	0.1472090	0.22499956	2.6772049	21	—	—
355410 2007 UX_{87}	17.5	X	271.36561	274.83911	41.51066	2.65298	0.1886698	0.25557854	2.4591581	21	3 25.6	21.2
355411 2007 UB_{94}	16.6	X	247.61472	221.59890	35.15280	6.93685	0.1029627	0.23786901	2.5797491	21	—	—
355412 2007 UR_{105}	17.2	X	85.26889	291.35019	107.84660	3.96735	0.1878491	0.23056532	2.6339452	21	—	—
355413 2007 UE_{108}	17.0	X	221.11988	41.52487	229.39999	7.29071	0.0825231	0.23482976	2.6019601	21	—	—
355414 2007 UW_{114}	16.9	X	336.41559	88.05645	40.37420	10.78707	0.1916574	0.22318277	2.6917142	21	—	—
355415 2007 UC_{116}	16.7	X	84.11226	303.58821	103.19747	3.11731	0.1677334	0.23231816	2.6206797	21	1 4.1	19.6
355416 2007 UE_{116}	16.9	X	164.94392	134.76630	212.86957	5.89310	0.1388566	0.23877751	2.5732014	21	1 24.1	20.9
355417 2007 UB_{122}	17.4	X	333.43575	98.97942	52.58759	2.30364	0.0756460	0.22987231	2.6392363	21	—	—
355418 2007 UV_{126}	17.0	X	47.32455	328.31612	89.49162	3.72621	0.1665146	0.22732914	2.6588835	21	—	—
355419 2007 UF_{127}	17.1	X	261.86464	222.91612	63.14196	5.37292	0.1284531	0.24625994	2.5208105	21	2 14.2	21.0
355420 2007 UJ_{127}	16.6	X	304.68965	65.61212	76.46626	10.34500	0.0539907	0.21970936	2.7200090	21	—	—
355421 2007 UC_{128}	16.9	X	8.54611	259.24989	226.85417	1.59956	0.1521855	0.22961701	2.6411922	21	—	—
355422 2007 UO_{138}	17.1	X	36.34632	260.65181	179.61393	11.71844	0.1665279	0.23034778	2.6356032	21	—	—
355423 2007 VH_{2}	16.6	X	151.74723	44.72747	331.14967	5.90742	0.2199300	0.24221566	2.5487930	21	2 23.1	20.7
355424 2007 VR_{2}	16.6	X	59.66813	125.10977	260.85979	5.02863	0.0362988	0.22212424	2.7002589	21	—	—
355425 2007 VM_{9}	16.5	X	115.87033	86.83498	265.58165	7.54807	0.2010169	0.23089959	2.6314024	21	—	—
355426 2007 VP_{9}	16.6	X	108.76102	133.24624	234.49602	7.25037	0.2007437	0.23203979	2.6227752	21	—	—
355427 2007 VQ_{22}	17.5	X	39.16558	247.76970	302.06914	2.27461	0.1220619	0.25502166	2.4627368	21	4 26.9	19.8
355428 2007 VQ_{25}	16.2	X	253.99500	216.96847	61.49030	16.03355	0.1013103	0.24429354	2.5343196	21	2 1.1	20.3
355429 2007 VC_{37}	16.7	X	76.11775	249.11186	138.35583	12.12921	0.2034719	0.22992678	2.6388195	21	—	—
355430 2007 VY_{40}	16.6	X	209.99575	204.16012	99.60215	5.51820	0.0775497	0.24033773	2.5620528	21	1 14.6	20.4
355431 2007 VS_{42}	16.3	X	343.35449	347.01679	68.92363	10.32065	0.1216997	0.20662390	2.8336683	21	12 7.8	19.5
355432 2007 VQ_{45}	17.5	X	56.84593	88.44455	2.41814	6.56833	0.0847069	0.23552042	2.5968708	21	1 10.7	20.5
355433 2007 VY_{56}	16.7	X	97.77532	249.82042	103.66841	6.04272	0.1015193	0.22592223	2.6699107	21	—	—
355434 2007 VR_{57}	16.4	X	42.60512	279.93366	68.89778	14.17630	0.2370642	0.21649575	2.7468596	21	12 28.1	20.3
355435 2007 VD_{60}	16.5	X	12.69862	204.98855	246.50207	12.92685	0.2144874	0.22505364	2.6767760	21	—	—
355436 2007 VR_{62}	16.5	X	93.91218	342.93734	50.07202	12.46982	0.0741880	0.23057524	2.6338696	21	—	—
355437 2007 VA_{63}	16.8	X	206.27655	66.09495	244.19231	3.42224	0.2144274	0.24009073	2.5638097	21	1 20.9	21.2
355438 2007 VK_{65}	16.7	X	174.87918	314.52717	33.32652	0.80148	0.2120318	0.24001190	2.5643710	21	2 9.8	20.9
355439 2007 VR_{66}	17.2	X	357.55125	166.60742	348.04669	3.47078	0.0527157	0.23419718	2.6066433	21	1 6.6	20.4
355440 2007 VK_{67}	17.6	X	358.49025	262.48467	42.62996	2.72306	0.2314104	0.27630705	2.3345763	21	8 15.1	18.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355441 2007 VV_{72}	16.9	X	79.12436	321.06422	63.67532	5.06604	0.1724209	0.22681482	2.6629015	21	—	—
355442 2007 VM_{80}	16.8	X	186.79985	291.88625	55.74644	2.71590	0.1314965	0.24207495	2.5497806	21	2 16.6	20.6
355443 2007 VS_{86}	16.3	X	327.11317	241.04182	248.59308	12.21417	0.1509586	0.22386505	2.6862423	21	—	—
355444 2007 VU_{98}	16.6	X	11.00678	245.26888	239.16658	10.63276	0.1475983	0.23114668	2.6295269	21	—	—
355445 2007 VX_{110}	17.9	X	81.60743	107.44112	269.83770	0.77009	0.2530110	0.22782064	2.6550580	21	—	—
355446 2007 VZ_{127}	17.3	X	162.98831	334.83257	8.92615	4.84536	0.0362755	0.24135802	2.5548274	21	1 8.4	20.7
355447 2007 VH_{133}	17.5	X	73.25301	18.00406	64.27208	5.33016	0.1045232	0.23782416	2.5800734	21	1 26.4	20.4
355448 2007 VQ_{135}	16.6	X	348.73373	56.88895	18.39489	13.90178	0.1439448	0.21799532	2.7342482	21	—	—
355449 2007 VH_{148}	16.4	X	339.49664	0.64215	107.97749	6.07124	0.1185346	0.21907330	2.7252713	21	—	—
355450 2007 VO_{153}	17.5	X	296.12127	53.82780	248.97890	3.94104	0.1591538	0.26214328	2.4179291	21	4 5.9	20.8
355451 2007 VT_{154}	17.1	X	323.41026	196.09702	346.38896	4.15238	0.1262288	0.23292957	2.6160917	21	—	—
355452 2007 VM_{191}	16.4	X	346.58647	302.07080	71.67094	14.25150	0.2158184	0.21223154	2.7835312	21	10 29.1	19.1
355453 2007 VL_{207}	16.7	X	148.27934	230.35869	115.18239	12.37559	0.2035907	0.23808691	2.5781748	21	1 13.2	20.6
355454 2007 VJ_{209}	17.7	X	142.82190	197.87336	177.23616	4.38086	0.1685781	0.24290985	2.5439347	21	2 7.3	21.3
355455 2007 VC_{212}	17.4	X	346.97341	85.60363	113.23159	3.24504	0.1088949	0.24119797	2.5559574	21	2 9.9	20.3
355456 2007 VD_{221}	16.8	X	16.16040	77.37278	80.47487	9.76782	0.1050595	0.23848146	2.5753305	21	2 4.4	19.8
355457 2007 VB_{228}	16.3	X	114.54075	92.68849	276.29086	6.09757	0.2004598	0.23299411	2.6156086	21	1 4.6	19.7
355458 2007 VG_{228}	17.3	X	88.73622	223.86100	163.98352	13.95737	0.2600626	0.23193144	2.6235920	21	—	—
355459 2007 VU_{230}	17.5	X	48.14713	346.05654	52.81074	3.43659	0.1995978	0.22414188	2.6840301	21	—	—
355460 2007 VD_{234}	16.7	X	205.52558	35.99745	269.59272	4.44574	0.2496450	0.24042223	2.5614525	21	1 15.8	21.3
355461 2007 VH_{235}	17.3	X	274.68116	108.70661	209.16390	1.52063	0.1754947	0.25456177	2.4657020	21	3 31.5	20.8
355462 2007 VB_{239}	16.2	X	37.23211	339.77234	67.96851	8.74582	0.0519435	0.22110482	2.7085524	21	—	—
355463 2007 VB_{255}	16.4	X	0.77429	213.52283	202.68416	14.53332	0.1720221	0.22286767	2.6942507	21	—	—
355464 2007 VK_{265}	16.9	X	141.80296	325.22731	24.85365	3.73434	0.1573233	0.23368064	2.6104832	21	1 8.0	20.6
355465 2007 VA_{274}	16.4	X	59.86588	59.24455	302.87399	11.85080	0.2820503	0.22299080	2.6932588	21	—	—
355466 2007 VS_{283}	17.5	X	70.57792	289.92859	83.13576	2.03792	0.1031772	0.22233785	2.6985292	21	—	—
355467 2007 VZ_{297}	16.9	X	27.52651	261.71757	170.90221	13.38021	0.1848247	0.22592837	2.6698624	21	—	—
355468 2007 VE_{298}	16.8	X	113.16499	228.98576	142.04459	13.74785	0.1542538	0.23391040	2.6087734	21	—	—
355469 2007 VY_{301}	18.0	X	263.89049	255.89590	176.88252	21.71935	0.0555272	0.41816792	1.7710694	21	10 3.0	19.0
355470 2007 VA_{303}	16.5	X	57.93102	234.55493	149.91953	15.36604	0.1560036	0.22433794	2.6824660	21	—	—
355471 2007 VZ_{305}	16.7	X	277.35275	2.47733	74.62584	3.14320	0.0814144	0.19642585	2.9309177	21	9 26.5	20.5
355472 2007 VF_{307}	16.8	X	215.53285	242.26286	72.88327	6.28370	0.2170421	0.24137231	2.5547266	21	2 5.2	21.2
355473 2007 VR_{309}	17.1	X	30.65468	344.91144	77.20930	4.45286	0.0703305	0.22145771	2.7056743	21	—	—
355474 2007 VM_{311}	17.2	X	152.15307	297.44976	72.57116	5.25726	0.0571288	0.23780612	2.5802039	21	2 1.6	20.8
355475 2007 VU_{312}	16.5	X	332.80441	53.80512	69.27904	9.49846	0.1197838	0.21616080	2.7496965	21	—	—
355476 2007 VG_{314}	17.0	X	315.01709	118.27230	158.83423	4.21442	0.1663691	0.25593416	2.4568796	21	3 29.9	19.8
355477 2007 VU_{318}	17.3	X	154.34683	317.22250	58.56410	3.15198	0.0979930	0.24079614	2.5588002	21	2 15.5	20.9
355478 2007 VZ_{320}	16.6	X	244.01527	162.99997	70.75358	8.83255	0.0204758	0.23040206	2.6351893	21	—	—
355479 2007 VG_{332}	16.2	X	302.74683	98.34793	275.97045	10.69563	0.0821215	0.19438170	2.9514299	21	8 5.4	20.1
355480 2007 VJ_{332}	15.8	X	245.87990	155.30483	309.37075	10.54390	0.0543031	0.19018958	2.9946419	21	9 17.8	20.2
355481 2007 VD_{335}	16.7	X	146.10723	20.79730	274.31826	5.41530	0.1320988	0.22077023	2.7112884	21	—	—
355482 2007 WS_{5}	16.0	X	72.53781	164.74580	259.14187	13.95317	0.0255232	0.23310996	2.6147419	21	—	—
355483 2007 WB_{27}	16.5	X	163.72620	289.93633	44.80803	6.61761	0.1444749	0.23396348	2.6083788	21	1 11.2	20.5
355484 2007 WN_{27}	16.5	X	19.51450	349.79469	47.27232	7.74167	0.1402977	0.21579769	2.7527801	21	—	—
355485 2007 WC_{28}	17.0	X	49.07174	44.25716	5.39334	3.95146	0.1039703	0.22356974	2.6886073	21	—	—
355486 2007 WK_{34}	17.0	X	329.02643	87.56014	18.05668	4.93923	0.0622735	0.21795476	2.7345874	21	—	—
355487 2007 WG_{40}	15.9	X	128.86238	61.36216	302.92185	8.64194	0.1970172	0.23511938	2.5998229	21	1 15.8	19.6
355488 2007 WZ_{58}	16.4	X	351.08775	174.28617	237.69799	15.08302	0.1503670	0.21224969	2.7833726	21	12 19.0	19.6
355489 2007 WK_{61}	16.5	X	351.12839	177.52220	295.71844	9.97419	0.0623346	0.22506321	2.6767001	21	—	—
355490 2007 WV_{62}	17.1	X	90.72695	323.88325	87.43092	4.32503	0.0667016	0.23230513	2.6207777	21	1 7.1	20.2
355491 2007 XV_{2}	16.7	X	57.69441	272.33501	99.89598	5.16429	0.1150075	0.21443405	2.7644382	21	—	—
355492 2007 XP_{4}	16.3	X	35.82412	306.19533	81.17053	8.92164	0.2867942	0.21949428	2.7217856	21	—	—
355493 2007 XD_{15}	16.6	X	298.08661	57.91411	83.16505	17.26734	0.1951035	0.21461607	2.7628749	21	—	—
355494 2007 XN_{19}	16.5	X	15.55302	166.10032	267.43415	11.30487	0.1133985	0.22201957	2.7011076	21	—	—
355495 2007 XP_{20}	17.4	X	32.20372	123.37505	286.32105	1.45311	0.1907376	0.22035661	2.7146801	21	—	—
355496 2007 XB_{30}	16.1	X	0.90458	188.29990	236.80355	7.24784	0.0944293	0.21688873	2.7435406	21	—	—
355497 2007 XQ_{31}	16.9	X	354.54764	9.53710	87.28512	10.64597	0.1755075	0.22093840	2.7099124	21	—	—
355498 2007 XW_{34}	16.2	X	331.31233	241.41861	282.45244	7.70272	0.0832376	0.22883910	2.6471745	21	—	—
355499 2007 XL_{40}	16.3	X	306.77963	116.67557	7.37207	4.15602	0.1527284	0.21142730	2.7905855	21	—	—
355500 2007 XD_{59}	15.9	X	295.83717	295.21601	276.95639	13.42499	0.0698261	0.23061635	2.6335566	21	—	—
355501 2007 YB_{3}	16.5	X	35.91100	304.64123	91.41137	5.52537	0.0767836	0.21195772	2.7859280	21	—	—
355502 2007 YK_{10}	16.7	X	138.77335	291.86660	27.66892	6.33875	0.0516014	0.21692867	2.7432038	21	—	—
355503 2007 YP_{10}	16.2	X	200.42485	316.08478	319.75464	12.50973	0.1279765	0.21896113	2.7262020	21	—	—
355504 2007 YS_{27}	17.0	X	94.44691	285.29864	29.47130	4.70158	0.0339804	0.20685237	2.8315814	21	12 18.4	21.1
355505 2007 YL_{45}	16.2	X	157.74722	131.48426	126.56967	12.48905	0.1017147	0.20388449	2.8589941	21	12 20.7	20.8
355506 2007 YN_{46}	16.1	X	133.14195	129.24370	120.28820	7.47766	0.0636329	0.19750682	2.9202138	21	11 15.9	20.5
355507 2007 YX_{49}	16.3	X	239.66770	264.41866	303.29321	5.80820	0.0203400	0.21357822	2.7718182	21	—	—
355508 2007 YU_{50}	16.7	X	259.46594	67.56161	108.02643	4.87130	0.0342447	0.21130050	2.7917018	21	—	—
355509 2007 YB_{52}	16.7	X	306.77383	46.61950	101.00011	6.66294	0.1170121	0.21831472	2.7315807	21	—	—
355510 2007 YO_{57}	16.8	X	346.30803	185.82184	263.08329	4.66281	0.0964947	0.21661105	2.7458848	21	—	—
355511 2007 YR_{62}	17.0	X	243.73706	155.45198	301.68616	2.57676	0.0735002	0.18867174	3.0106815	21	9 6.9	21.3
355512 2007 YP_{63}	16.9	X	309.38921	325.82182	71.04962	2.88475	0.2022190	0.19480025	2.9472007	21	9 4.3	20.1
355513 2007 YX_{63}	16.5	X	303.89813	117.72290	302.71422	10.97112	0.0279976	0.19702859	2.9249373	21	10 10.2	20.7
355514 2007 YO_{65}	16.7	X	82.68459	235.83429	129.32309	5.24792	0.1188794	0.21361143	2.7715309	21	—	—
355515 2007 YU_{68}	16.5	X	57.44175	47.18370	350.15190	5.83606	0.0314710	0.21830831	2.7316342	21	—	—
355516 2008 AV_{21}	17.3	X	274.37170	132.00398	327.30654	8.61611	0.2271966	0.19778268	2.9174979	21	9 24.2	21.2
355517 2008 AC_{26}	16.6	X	129.02630	159.21909	71.48006	2.87255	0.1695580	0.18886895	3.0085854	21	10 22.9	21.6
355518 2008 AR_{27}	15.9	X	138.54258	57.76571	140.65777	7.66487	0.0897240	0.18213275	3.0823173	21	9 19.9	20.6
355519 2008 AE_{38}	16.9	X	118.73274	175.58783	142.06980	7.28637	0.0190158	0.21056462	2.7982023	21	—	—
355520 2008 AO_{46}	17.2	X	128.74656	121.33712	239.51790	0.89153	0.1074612	0.23008874	2.6375810	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355521 2008 AV_{47}	16.4	X	25.87078	282.28812	105.04501	7.28546	0.0959427	0.21080427	2.7960812	21	—	—
355522 2008 AX_{47}	16.8	X	52.85952	301.90154	99.75391	3.70104	0.1170724	0.21929483	2.7234357	21	—	—
355523 2008 AZ_{53}	17.5	X	30.97942	92.64424	326.38418	1.78604	0.0805286	0.21515818	2.7582321	21	—	—
355524 2008 AW_{59}	16.7	X	67.24248	64.18764	244.78090	1.03747	0.0650198	0.19805666	2.9148066	21	11 11.7	20.9
355525 2008 AK_{64}	16.2	X	203.10048	122.55427	139.52164	13.46217	0.2068798	0.21125505	2.7921022	21	—	—
355526 2008 AK_{75}	17.0	X	10.83296	252.98725	156.76284	4.49784	0.1023953	0.20992062	2.8039224	21	—	—
355527 2008 AE_{80}	15.6	X	189.99274	288.87139	310.74058	13.82437	0.1132708	0.20397450	2.8581529	21	12 30.6	20.1
355528 2008 AN_{84}	16.2	X	131.78101	112.23085	122.86964	13.28242	0.0946461	0.19129774	2.9830657	21	10 31.9	21.0
355529 2008 AZ_{84}	16.9	X	2.81274	314.14064	84.52592	3.23783	0.0701672	0.20428912	2.8552177	21	12 11.2	20.6
355530 2008 AX_{85}	16.2	X	156.78782	107.83584	114.46433	6.55860	0.0934824	0.19576516	2.9375084	21	11 8.0	20.8
355531 2008 AM_{93}	16.8	X	21.44793	300.54577	88.14063	5.84435	0.1633103	0.20934709	2.8090412	21	—	—
355532 2008 AN_{96}	16.9	X	357.10768	5.72785	80.31487	5.98559	0.1240751	0.21270578	2.7793923	21	—	—
355533 2008 AO_{100}	16.5	X	275.87332	308.99172	293.00524	8.53137	0.0308840	0.22374792	2.6871797	21	1 17.2	20.0
355534 2008 AG_{106}	17.0	X	342.12570	1.54861	83.58077	5.38522	0.1725198	0.21238755	2.7821679	21	—	—
355535 2008 AS_{107}	16.4	X	295.55798	216.42057	274.99934	3.36447	0.0563155	0.20904774	2.8117221	21	—	—
355536 2008 AS_{108}	16.3	X	352.00968	62.12711	296.14148	10.63533	0.0443191	0.19335480	2.9618705	21	9 25.4	20.4
355537 2008 AW_{116}	16.8	X	191.05107	348.07266	151.49118	5.94458	0.0963087	0.18497777	3.0506311	21	8 31.3	21.5
355538 2008 AY_{135}	15.9	X	221.80885	73.42449	94.46581	12.08514	0.0391816	0.19794296	2.9159227	21	11 17.5	20.1
355539 2008 AM_{136}	16.1	X	176.93872	221.69481	288.75073	7.07287	0.1209908	0.18268204	3.0761357	21	8 26.7	21.0
355540 2008 AC_{137}	16.4	X	351.97469	268.92806	146.94666	16.44090	0.2486963	0.20959128	2.8068589	21	—	—
355541 2008 BS_{4}	16.8	X	304.55963	154.21192	348.71610	4.73527	0.1050871	0.21160671	2.7890080	21	—	—
355542 2008 BX_{10}	16.6	X	333.16336	325.69373	112.28789	9.30109	0.2025910	0.21017103	2.8016947	21	12 24.5	19.2
355543 2008 BP_{13}	16.9	X	17.29937	332.45345	94.20417	5.89971	0.0514183	0.21421317	2.7663382	21	—	—
355544 2008 BK_{19}	16.8	X	10.23607	161.70326	270.28919	2.97549	0.0822078	0.21472028	2.7619809	21	—	—
355545 2008 BK_{21}	16.8	X	226.54640	317.24307	158.67490	1.66794	0.1225107	0.18705574	3.0279964	21	9 5.9	21.3
355546 2008 BO_{21}	16.4	X	157.77446	254.41727	338.90189	1.37810	0.2404576	0.19105977	2.9855422	21	11 17.8	21.7
355547 2008 BD_{22}	18.0	X	39.78451	57.45014	121.82901	24.50583	0.1497924	0.38405718	1.8744425	21	3 31.8	19.7
355548 2008 BS_{24}	18.3	X	151.17541	148.22596	305.90446	19.48013	0.0782679	0.39236818	1.8478790	21	5 1.4	20.9
355549 2008 BZ_{48}	17.1	X	213.36548	130.23458	332.93014	1.00646	0.1584406	0.18042392	3.1017489	21	8 4.8	21.9
355550 2008 BQ_{53}	16.8	X	222.27395	99.50960	34.06690	0.30483	0.1009743	0.18806421	3.0171619	21	9 25.4	21.2
355551 2008 BW_{53}	15.8	X	241.47844	246.03182	176.34392	23.32847	0.1985306	0.17695019	3.1422111	21	7 7.8	21.2
355552 2008 BC_{54}	15.4	X	151.98229	172.87651	8.10938	28.58411	0.1201548	0.17723540	3.1388392	21	9 18.4	20.5
355553 2008 CQ_{2}	16.1	X	162.96981	26.39610	141.99051	10.10517	0.1689086	0.18110227	3.0939987	21	9 8.8	21.2
355554 2008 CH_{10}	15.6	X	113.31628	242.37466	350.45459	25.19492	0.2538742	0.18054309	3.1003839	21	10 6.7	21.1
355555 2008 CY_{10}	16.0	X	38.99103	191.46677	127.75827	11.19922	0.1002588	0.19010884	2.9954898	21	10 28.1	20.1
355556 2008 CX_{11}	15.9	X	212.83679	285.91404	136.67012	15.77052	0.2466499	0.17856450	3.1232444	21	6 13.8	21.5
355557 2008 CH_{16}	15.2	X	92.12380	243.44462	54.52887	12.83781	0.0313762	0.19446513	2.9505856	21	11 22.4	19.2
355558 2008 CB_{18}	16.1	X	270.26595	261.62850	160.76403	11.09864	0.1224697	0.18476970	3.0529209	21	8 19.3	20.4
355559 2008 CN_{20}	17.1	X	2.54313	282.65738	137.88295	4.88227	0.1397461	0.20878514	2.8140793	21	—	—
355560 2008 CU_{22}	16.8	X	316.45194	245.29480	184.85008	3.94532	0.2136100	0.20323004	2.8651286	21	11 4.2	19.4
355561 2008 CX_{27}	16.4	X	207.12937	242.78940	334.67929	14.35769	0.0982462	0.20335879	2.8639192	21	12 22.7	20.9
355562 2008 CA_{33}	16.2	X	192.63173	101.59713	130.08624	6.91650	0.0296081	0.20300973	2.8672011	21	12 29.7	20.3
355563 2008 CE_{37}	15.6	X	133.75546	261.39257	323.71153	11.69464	0.0682511	0.18804238	3.0173954	21	10 9.1	20.3
355564 2008 CN_{41}	15.6	X	113.67418	234.61422	330.97554	26.39597	0.1085137	0.17822237	3.1272402	21	8 30.1	20.4
355565 2008 CL_{46}	16.0	X	186.68586	149.86372	317.62941	7.71510	0.0347631	0.17394417	3.1783091	21	7 19.6	20.6
355566 2008 CM_{46}	16.3	X	104.07030	297.43639	274.75843	3.31419	0.0664944	0.17672252	3.1449093	21	8 24.0	20.8
355567 2008 CM_{59}	16.9	X	209.10927	332.24323	153.61215	10.98949	0.0749008	0.18583898	3.0411990	21	9 4.2	21.3
355568 2008 CW_{61}	16.5	X	177.17639	158.62739	354.90764	4.76516	0.1015350	0.18179039	3.0861861	21	9 3.3	21.1
355569 2008 CY_{62}	16.5	X	257.79467	237.71758	304.72629	10.48149	0.0849743	0.21148424	2.7900846	21	—	—
355570 2008 CW_{67}	15.7	X	17.12586	194.51257	143.01627	14.03394	0.0938700	0.18682420	3.0304977	21	10 19.0	19.8
355571 2008 CA_{76}	15.7	X	210.76744	106.95266	0.63694	15.07100	0.0986869	0.17941812	3.1133301	21	8 17.1	20.6
355572 2008 CQ_{76}	16.1	X	337.13509	93.40852	17.05249	5.02434	0.1221154	0.21391331	2.7689228	21	—	—
355573 2008 CG_{82}	16.2	X	286.62509	21.87160	352.89317	9.77185	0.0195793	0.17813448	3.1282688	21	7 29.0	20.6
355574 2008 CR_{83}	15.7	X	66.24246	258.64112	339.95155	12.28522	0.2351065	0.17372739	3.1809525	21	9 4.9	20.0
355575 2008 CT_{84}	17.0	X	249.37316	137.73042	325.02527	2.59508	0.1015224	0.18913840	3.0057273	21	9 17.2	21.3
355576 2008 CQ_{85}	16.4	X	238.41116	323.01704	125.08338	6.38773	0.1687781	0.18451364	3.0557447	21	8 10.4	21.1
355577 2008 CW_{93}	16.0	X	109.89595	258.40584	353.31488	16.49579	0.1114464	0.18655671	3.0333939	21	10 18.8	20.8
355578 2008 CN_{98}	16.9	X	175.57355	86.22088	139.30114	2.59205	0.0259947	0.19872355	2.9082818	21	12 2.4	20.9
355579 2008 CV_{98}	16.8	X	59.41081	23.73427	340.85785	1.34472	0.0798983	0.20474188	2.8510068	21	—	—
355580 2008 CY_{99}	16.2	X	292.39587	50.84118	334.22057	10.75912	0.1383209	0.18386834	3.0628901	21	8 1.5	20.3
355581 2008 CK_{103}	14.9	X	61.59028	351.18697	327.14766	21.96898	0.3635791	0.18879880	3.0093306	21	12 24.1	20.1
355582 2008 CC_{111}	16.2	X	287.09509	283.89278	103.26741	6.99509	0.1791121	0.18541818	3.0457985	21	7 19.5	20.2
355583 2008 CL_{113}	16.5	X	209.15943	181.19998	359.70259	5.31585	0.0673093	0.19677100	2.9274893	21	11 10.6	20.9
355584 2008 CV_{115}	16.0	X	60.22667	162.83150	124.07395	11.52508	0.0745423	0.18356689	3.0662424	21	10 11.2	20.4
355585 2008 CE_{125}	16.4	X	10.60841	312.59831	101.86179	10.37030	0.1508831	0.21347524	2.7727095	21	—	—
355586 2008 CR_{127}	15.9	X	29.31109	142.95249	150.85632	10.87356	0.0570983	0.18163091	3.0879923	21	9 1.0	20.0
355587 2008 CE_{128}	15.9	X	325.88343	34.12466	330.19181	8.91209	0.0670650	0.18451078	3.0557763	21	8 30.1	19.8
355588 2008 CL_{133}	16.0	X	353.41940	160.03808	152.35068	13.91837	0.0712452	0.17707740	3.1407061	21	8 2.0	20.2
355589 2008 CY_{135}	16.2	X	43.01941	154.65064	149.12115	15.74260	0.1001055	0.18498146	3.0505905	21	10 13.0	20.5
355590 2008 CK_{140}	15.9	X	252.69421	103.55129	340.37120	10.36956	0.1099677	0.18477404	3.0528730	21	8 28.4	20.2
355591 2008 CV_{142}	16.1	X	128.94221	122.46406	146.71474	3.32025	0.2391428	0.18484751	3.0520641	21	12 7.6	21.4
355592 2008 CH_{147}	15.8	X	335.68599	41.79028	312.94782	9.20798	0.1291962	0.18424028	3.0587665	21	8 27.6	19.4
355593 2008 CU_{153}	16.3	X	219.73867	80.31939	358.69898	14.93862	0.1236011	0.17796381	3.1302685	21	7 18.8	21.4
355594 2008 CF_{168}	16.3	X	248.02329	247.08912	172.38402	9.93966	0.0995342	0.17640726	3.1486550	21	7 21.8	21.1
355595 2008 CO_{179}	15.3	X	109.31189	207.03618	17.85256	16.11975	0.2257520	0.18099322	3.0952414	21	10 3.1	20.3
355596 2008 CF_{182}	16.0	X	351.55861	251.74701	120.93565	10.64080	0.0358812	0.19008890	2.9956992	21	10 23.7	20.2
355597 2008 CN_{185}	15.9	X	351.12725	83.85216	335.09261	16.07871	0.0595247	0.20338174	2.8637037	21	12 19.9	19.9
355598 2008 CO_{195}	16.5	X	103.29401	335.44276	343.16197	5.18952	0.0624516	0.20259990	2.8710664	21	—	—
355599 2008 CF_{196}	16.0	X	132.54119	190.30107	16.04430	10.60394	0.1518291	0.17710775	3.1403472	21	9 26.2	21.0
355600 2008 CF_{199}	16.6	X	132.37417	358.93504	238.18445	1.78644	0.1748803	0.18800869	3.0177559	21	11 1.4	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355601 2008 CW_{202}	16.1	X	115.27374	284.78542	326.91118	8.41009	0.1121877	0.18707707	3.0277662	21	10 26.7	20.9
355602 2008 CL_{213}	16.1	X	222.80413	263.98287	179.38641	13.68016	0.1477823	0.17490475	3.1666616	21	7 19.2	21.3
355603 2008 CH_{215}	15.4	X	62.61317	289.85205	346.09664	22.32947	0.0692135	0.18528312	3.0472785	21	9 20.3	19.7
355604 2008 DO_{9}	15.3	X	13.64228	311.74472	322.42672	25.90161	0.1569530	0.17375304	3.1806395	21	7 25.6	19.1
355605 2008 DG_{13}	16.6	X	230.01644	332.57457	140.92708	6.00323	0.1071688	0.18581127	3.0415014	21	9 9.4	21.1
355606 2008 DU_{13}	15.8	X	294.52495	54.70616	317.35032	8.30788	0.0640657	0.17966180	3.1105144	21	7 27.7	19.9
355607 2008 DV_{24}	16.1	X	272.17173	84.79604	5.30542	8.42880	0.0590455	0.19075255	2.9887469	21	10 6.3	20.1
355608 2008 DX_{25}	17.7	X	82.73125	294.00386	173.79095	23.09693	0.0469407	0.37600618	1.9011048	21	2 2.6	19.8
355609 2008 DC_{27}	15.4	X	118.19703	80.97323	149.69679	27.30755	0.1115802	0.18101951	3.0949416	21	10 13.1	20.6
355610 2008 DF_{27}	15.3	X	95.66416	223.11715	344.32930	17.68480	0.0466801	0.17365934	3.1817834	21	8 11.6	20.0
355611 2008 DT_{32}	15.9	X	194.90377	84.99584	143.24915	6.96046	0.0771616	0.19888045	2.9067520	21	12 23.0	20.2
355612 2008 DD_{33}	16.0	X	275.11853	99.97720	12.26081	9.74460	0.0203473	0.19333114	2.9621122	21	11 10.5	20.2
355613 2008 DO_{33}	16.0	X	216.91018	15.43930	115.74094	10.12044	0.0762140	0.18838564	3.0137289	21	9 23.3	20.6
355614 2008 DN_{34}	16.0	X	128.54369	11.82626	156.61637	30.04124	0.1773779	0.17325143	3.1867756	21	8 7.2	21.3
355615 2008 DW_{35}	16.5	X	119.04590	135.64538	54.49246	1.49843	0.1038847	0.17405202	3.1769960	21	8 19.5	21.3
355616 2008 DT_{36}	16.6	X	129.22475	5.17219	206.81665	1.51268	0.1449732	0.18099774	3.0951897	21	9 27.9	21.5
355617 2008 DH_{37}	16.5	X	96.16518	100.91338	155.70295	1.20342	0.1309018	0.18102513	3.0948775	21	10 18.2	21.1
355618 2008 DZ_{38}	16.3	X	178.53976	60.89378	176.60523	4.56475	0.1969222	0.19269891	2.9685877	21	12 10.1	21.4
355619 2008 DV_{45}	15.5	X	101.09461	160.40403	17.97759	13.10682	0.0506995	0.16803550	3.2523856	21	7 9.9	20.4
355620 2008 DA_{48}	16.5	X	58.59712	291.11961	38.00906	2.28280	0.0515389	0.19033010	2.9931678	21	11 22.6	20.5
355621 2008 DS_{54}	15.8	X	263.96065	248.55684	281.21411	13.52566	0.0929908	0.20424057	2.8556702	21	—	—
355622 2008 DW_{59}	15.8	X	242.53657	131.67399	346.70802	14.70268	0.0143515	0.18549003	3.0450119	21	10 5.9	20.2
355623 2008 DS_{66}	15.7	X	168.84538	97.16188	130.91913	14.92703	0.1448045	0.19157002	2.9802385	21	11 26.3	20.8
355624 2008 DW_{67}	16.6	X	214.75556	297.45327	223.13380	6.90294	0.1572515	0.18931718	3.0038348	21	10 14.1	21.2
355625 2008 DG_{68}	16.7	X	217.91530	152.95878	292.55890	1.25594	0.0630367	0.17715766	3.1397574	21	7 25.5	21.1
355626 2008 DL_{72}	16.7	X	136.15737	107.32487	160.43471	10.36675	0.0417051	0.19775265	2.9177932	21	12 9.3	21.1
355627 2008 DU_{83}	16.2	X	222.83696	95.24723	20.88203	9.80264	0.1261889	0.18285645	3.0741793	21	9 5.4	20.9
355628 2008 DO_{85}	17.0	X	216.10337	86.20373	48.88483	4.97130	0.1633211	0.18569080	3.0428167	21	9 17.3	21.8
355629 2008 DZ_{88}	16.3	X	240.83936	70.10398	7.94030	16.13615	0.2245123	0.18142577	3.0903196	21	7 31.3	21.5
355630 2008 EB	17.5	X	113.49154	117.40818	17.60351	24.14543	0.0182241	0.38447739	1.8730765	21	4 29.7	19.4
355631 2008 EX	15.6	X	109.23170	220.84196	355.39110	23.22616	0.1418452	0.17789136	3.1311183	21	9 14.8	20.3
355632 2008 ES_{8}	15.4	X	303.86285	356.48920	31.94577	15.71897	0.0704048	0.18484496	3.0520922	21	9 7.3	19.7
355633 2008 EM_{15}	16.1	X	30.13562	325.24007	11.77019	6.39278	0.1765619	0.18248996	3.0782938	21	11 10.1	20.1
355634 2008 EV_{17}	15.4	X	117.71861	252.19028	353.38877	26.25850	0.1894458	0.18058609	3.0998917	21	10 18.4	20.8
355635 2008 EM_{23}	15.4	X	86.01291	136.32894	113.08923	11.30131	0.0855023	0.17910144	3.1169990	21	9 27.2	20.0
355636 2008 EM_{25}	15.5	X	164.61293	136.04334	49.73858	10.47665	0.0544881	0.18238729	3.0794489	21	10 3.6	20.2
355637 2008 EX_{26}	15.6	X	299.60929	297.93909	152.47345	13.38900	0.0806200	0.19215396	2.9741977	21	11 15.5	19.7
355638 2008 ES_{29}	16.3	X	214.68613	276.42751	184.58406	11.49241	0.1492733	0.17524704	3.1625368	21	8 1.4	21.5
355639 2008 EM_{35}	16.3	X	218.49816	50.40161	93.25278	6.46707	0.2061584	0.18919783	3.0050978	21	9 27.7	21.2
355640 2008 EB_{40}	15.9	X	121.39576	65.82579	196.24029	10.77911	0.0761429	0.18765349	3.0215628	21	11 16.8	20.5
355641 2008 EZ_{42}	15.6	X	154.66978	11.63979	179.31419	12.17627	0.1767536	0.18020569	3.1042526	21	9 27.2	20.7
355642 2008 EP_{43}	18.1	X	199.90897	86.69630	337.59387	20.30839	0.0674528	0.39351275	1.8442941	21	5 24.5	20.8
355643 2008 EH_{44}	15.7	X	59.60071	275.12734	6.40485	9.70128	0.0743375	0.17848844	3.1241316	21	9 28.1	20.0
355644 2008 EU_{46}	15.8	X	201.71427	77.77126	39.82028	13.85841	0.0920842	0.17482308	3.1676476	21	8 21.4	20.9
355645 2008 EO_{49}	16.6	X	227.08230	169.09601	348.28550	4.06939	0.1743021	0.19201163	2.9756672	21	10 20.7	21.3
355646 2008 EF_{56}	16.8	X	119.54869	92.30683	155.66138	12.59020	0.1109969	0.18970867	2.9997007	21	11 3.1	21.6
355647 2008 EO_{57}	15.7	X	240.20960	252.17617	155.60490	12.38910	0.1326913	0.17116019	3.2126805	21	6 26.5	20.8
355648 2008 EA_{60}	15.8	X	123.26511	242.18572	328.07257	16.58576	0.1653910	0.18026254	3.1035999	21	9 16.4	20.9
355649 2008 EH_{60}	15.3	X	80.04554	275.39527	343.92194	15.34926	0.0405674	0.18083228	3.0970775	21	9 18.6	19.7
355650 2008 EX_{63}	16.1	X	14.53548	354.10590	283.72623	3.71868	0.1142711	0.16987076	3.2289176	21	7 22.5	20.1
355651 2008 EH_{66}	15.7	X	355.82723	332.74507	332.65898	8.89609	0.0810918	0.17250622	3.1959468	21	7 30.2	19.7
355652 2008 EW_{67}	16.0	X	316.63896	125.00799	299.29305	4.11103	0.0466348	0.19184080	2.9774335	21	11 3.6	19.9
355653 2008 EW_{68}	17.6	X	303.71617	221.38112	23.50821	20.86160	0.0632252	0.37192056	1.9150021	21	1 31.7	20.2
355654 2008 EN_{78}	15.5	X	99.92989	217.70158	4.86772	25.91560	0.0769083	0.17413527	3.1759834	21	9 11.3	20.3
355655 2008 EL_{84}	16.8	X	70.07311	70.45263	198.31285	4.81311	0.1001717	0.18189370	3.0850174	21	9 28.7	21.1
355656 2008 EB_{86}	15.9	X	168.93659	69.02810	132.96582	6.12785	0.0603321	0.18818655	3.0158541	21	10 26.8	20.4
355657 2008 EA_{89}	15.7	X	175.20299	123.61662	31.25500	12.84845	0.0522614	0.18162725	3.0880338	21	9 8.9	20.4
355658 2008 ES_{89}	15.6	X	154.41463	318.19794	329.28842	8.05252	0.1456414	0.19798394	2.9155203	21	—	—
355659 2008 EY_{99}	15.7	X	129.76104	134.20437	74.57815	13.74352	0.1212307	0.18048535	3.1010451	21	9 30.8	20.8
355660 2008 EB_{110}	15.8	X	93.70907	208.03202	14.06166	11.64593	0.0510558	0.17407292	3.1767417	21	8 27.9	20.4
355661 2008 EK_{111}	16.0	X	236.14159	91.02417	5.12671	16.41727	0.0922874	0.18255986	3.0775080	21	8 31.6	20.6
355662 2008 EC_{114}	16.1	X	89.47058	283.80705	324.79336	6.80438	0.2591896	0.17516810	3.1634869	21	10 11.4	21.3
355663 2008 EE_{114}	16.0	X	287.31003	62.15937	339.32578	9.28522	0.0966316	0.17812349	3.1283974	21	8 20.6	20.2
355664 2008 EB_{118}	17.3	X	286.17933	281.55704	200.78073	1.54673	0.0428227	0.20041126	2.8919313	21	12 8.8	21.2
355665 2008 EH_{122}	16.3	X	272.63974	81.92705	2.53234	10.64401	0.1144448	0.18582790	3.0413199	21	9 22.3	20.5
355666 2008 ET_{122}	15.7	X	172.01420	219.58553	341.16332	11.02389	0.1577382	0.18597981	3.0396635	21	10 19.1	20.9
355667 2008 EK_{127}	15.8	X	178.35188	142.28158	7.22911	9.82891	0.0276204	0.17604619	3.1529589	21	9 2.8	20.4
355668 2008 EM_{129}	15.9	X	226.89395	309.81493	152.89459	11.13028	0.1022721	0.18065671	3.0990837	21	8 22.3	20.6
355669 2008 EN_{130}	16.0	X	333.02148	343.44492	32.21091	7.53527	0.1887152	0.18445014	3.0564460	21	9 22.6	19.3
355670 2008 ET_{131}	16.0	X	283.18104	284.96544	153.91935	11.24590	0.0509174	0.18584823	3.0410981	21	10 11.1	20.2
355671 2008 EK_{132}	16.8	X	244.10032	140.78013	21.87343	6.75899	0.1532230	0.19785349	2.9168017	21	11 17.5	21.0
355672 2008 EJ_{137}	16.1	X	229.12513	276.41034	176.01083	14.42334	0.2811784	0.18128837	3.0918809	21	7 25.9	21.5
355673 2008 EB_{139}	15.8	X	103.05819	5.93886	198.06264	16.97346	0.0755711	0.17206594	3.2013964	21	8 10.5	20.8
355674 2008 EB_{150}	16.4	X	220.35837	61.25729	101.87864	6.55883	0.1203502	0.19104426	2.9857038	21	10 30.3	21.0
355675 2008 EY_{153}	16.1	X	87.11180	264.91208	2.16166	5.84909	0.0881104	0.18299785	3.0725956	21	10 14.7	20.5
355676 2008 EA_{158}	15.5	X	322.46359	359.48285	0.31689	15.56622	0.0832315	0.17581788	3.1556877	21	8 23.4	19.7
355677 2008 EJ_{161}	16.2	X	82.46542	293.32651	353.40570	10.85232	0.0936548	0.18414572	3.0598135	21	10 31.3	20.8
355678 2008 EV_{163}	15.7	X	204.01237	177.49868	310.69435	8.05922	0.0622417	0.18295633	3.0730603	21	8 30.5	20.3
355679 2008 EW_{165}	15.4	X	53.91002	193.17638	60.69787	10.34839	0.0330503	0.17446677	3.1719590	21	8 14.3	19.9
355680 2008 EE_{169}	16.1	X	79.57229	137.01985	130.01007	5.53694	0.1579668	0.17187895	3.2037178	21	10 17.2	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355681 2008 FS_2	16.0	X	107.92101	112.93355	170.74754	8.17260	0.1220313	0.19117335	2.9843596	21	12 2.3	20.7
355682 2008 FG_4	15.8	X	280.59956	132.06110	342.67477	7.88648	0.0431387	0.19502891	2.9448966	21	11 18.3	19.9
355683 2008 FE_7	15.6	X	145.09584	83.42585	160.81142	10.65295	0.0599567	0.19017015	2.9948459	21	11 21.3	20.3
355684 2008 FE_{10}	16.3	X	320.69837	242.31572	161.58365	10.63790	0.1089261	0.19178808	2.9779790	21	10 14.9	19.9
355685 2008 FG_{11}	16.5	X	206.58925	287.41993	310.55949	7.27682	0.0912756	0.20937415	2.8087991	21	—	—
355686 2008 FH_{12}	16.6	X	194.66170	229.67679	342.49763	10.60459	0.0401437	0.19802557	2.9151117	21	12 4.8	21.0
355687 2008 FB_{16}	16.5	X	127.05416	235.68230	1.56631	8.94741	0.0385978	0.18861391	3.0112968	21	10 18.2	20.9
355688 2008 FV_{17}	16.5	X	169.69162	155.41358	353.91162	4.82612	0.0885912	0.17857267	3.1231492	21	8 21.9	21.3
355689 2008 FN_{19}	16.7	X	292.15224	215.20633	177.43964	10.29841	0.0459716	0.17827814	3.1265880	21	8 19.9	21.1
355690 2008 FR_{21}	15.9	X	254.99021	333.43551	110.51517	7.21068	0.0675469	0.17855456	3.1233603	21	9 7.7	20.3
355691 2008 FT_{26}	16.4	X	198.91420	323.28260	210.54443	7.14050	0.1968536	0.18609401	3.0384199	21	10 12.9	21.5
355692 2008 FU_{27}	15.4	X	79.87850	90.49448	181.04601	14.07033	0.0628067	0.17531045	3.1617741	21	10 9.9	19.9
355693 2008 FM_{31}	16.2	X	47.41187	86.61248	185.89168	4.57575	0.1297207	0.17687538	3.1430970	21	9 7.1	20.3
355694 2008 FD_{34}	16.1	X	47.61732	138.92064	169.41526	9.33741	0.0535761	0.18507426	3.0495707	21	10 15.8	20.2
355695 2008 FK_{41}	16.1	X	70.89861	120.33343	160.46562	5.47387	0.1148156	0.17721505	3.1390795	21	10 18.2	20.5
355696 2008 FP_{41}	16.4	X	255.13261	90.57461	349.41099	9.93044	0.1100991	0.18333486	3.0688290	21	8 27.3	20.7
355697 2008 FC_{42}	16.1	X	248.14999	258.69525	187.46601	8.90479	0.0912961	0.18185456	3.0854599	21	8 25.5	20.6
355698 2008 FJ_{44}	16.5	X	124.69743	356.47077	204.22572	4.75790	0.1016368	0.17747117	3.1360587	21	9 5.3	21.2
355699 2008 FX_{46}	15.7	X	134.30342	99.67975	169.13465	11.07315	0.0885811	0.19312563	2.9642132	21	12 9.1	20.4
355700 2008 FW_{50}	16.2	X	68.38208	234.26141	41.94590	3.73068	0.1540432	0.17704553	3.1410830	21	10 14.1	20.5
355701 2008 FE_{58}	16.2	X	59.39324	114.79647	120.61543	2.69958	0.1050808	0.16860806	3.2450184	21	8 3.8	20.6
355702 2008 FG_{59}	17.9	X	168.27011	47.25328	359.43808	20.75422	0.0908863	0.37954571	1.8892669	21	3 22.9	19.8
355703 2008 FJ_{63}	15.9	X	72.17471	89.06869	158.66760	8.56045	0.0133552	0.17328338	3.1863840	21	8 22.6	20.4
355704 2008 FW_{75}	15.9	X	150.24166	132.35498	85.68410	6.60833	0.1357904	0.18470072	3.0536810	21	10 26.9	20.8
355705 2008 FC_{88}	16.6	X	127.19901	123.81494	115.16349	2.23294	0.1358124	0.18196885	3.0841679	21	10 28.7	21.5
355706 2008 FM_{88}	16.6	X	122.67126	52.30969	183.10568	0.87460	0.1395184	0.18031598	3.1029866	21	10 19.5	21.5
355707 2008 FC_{89}	16.2	X	66.99195	77.35848	179.67491	10.70900	0.0530722	0.17496380	3.1659490	21	9 1.7	20.7
355708 2008 FW_{93}	15.9	X	104.49263	207.63718	50.43575	13.16735	0.0822850	0.17975529	3.1094358	21	10 25.8	20.5
355709 2008 FH_{104}	16.1	X	140.97330	45.74757	146.12315	6.54881	0.0942771	0.17395928	3.1781251	21	9 13.3	20.9
355710 2008 FA_{108}	15.4	X	175.04439	135.32684	36.33100	13.75460	0.0865208	0.17950341	3.1123439	21	9 27.8	20.3
355711 2008 FD_{122}	16.4	X	135.88390	358.51181	201.18611	15.09700	0.2001050	0.17372149	3.1810246	21	9 19.8	21.8
355712 2008 FL_{125}	16.2	X	88.62760	108.83792	166.39409	6.33420	0.1788806	0.17795948	3.1303192	21	11 7.6	21.0
355713 2008 FY_{125}	15.4	X	93.60961	149.63546	96.27069	15.73191	0.1668241	0.17610925	3.1522061	21	10 13.8	20.5
355714 2008 FT_{127}	15.9	X	345.19105	222.53567	116.84577	7.76998	0.1072640	0.17025289	3.2240842	21	8 27.0	19.8
355715 2008 FJ_{128}	16.3	X	123.23844	91.59590	124.34401	2.27883	0.1189708	0.17511235	3.1641583	21	9 25.9	21.1
355716 2008 FQ_{130}	15.7	X	130.59382	138.17567	83.24802	15.02800	0.1889108	0.17814703	3.1281219	21	10 19.7	21.1
355717 2008 FJ_{135}	16.1	X	212.59022	99.04768	81.29830	4.21900	0.1023925	0.19121593	2.9839165	21	11 11.7	20.7
355718 2008 FY_{135}	15.7	X	141.15837	344.88087	250.54971	4.95283	0.1252133	0.18257717	3.0773134	21	11 4.3	20.5
355719 2008 FK_{136}	15.1	X	117.06851	215.92638	33.71211	14.84541	0.1286943	0.17874633	3.1211259	21	10 29.5	20.0
355720 2008 GG_5	16.3	X	241.38833	97.90273	7.89559	7.76773	0.1233922	0.18638712	3.0352336	21	9 11.1	20.8
355721 2008 GT_{12}	16.1	X	300.07660	245.62795	166.63990	12.85445	0.0698887	0.18652665	3.0337197	21	9 26.1	20.0
355722 2008 GN_{23}	16.2	X	80.06932	122.79465	146.64490	5.82271	0.1100831	0.17832177	3.1260780	21	10 15.0	20.7
355723 2008 GN_{31}	15.5	X	60.16528	139.48394	166.01452	10.74110	0.1373444	0.17829284	3.1264161	21	11 8.8	20.0
355724 2008 GX_{31}	15.9	X	144.94991	33.85998	162.71158	10.92581	0.0303481	0.17624199	3.1506232	21	9 20.3	20.5
355725 2008 GG_{35}	16.3	X	126.86480	112.34277	122.04079	5.35547	0.2075367	0.17870776	3.1215750	21	10 27.6	21.5
355726 2008 GX_{52}	16.5	X	200.21740	55.76931	74.03936	4.52802	0.1069738	0.17791666	3.1308214	21	8 29.6	21.4
355727 2008 GP_{60}	16.1	X	130.85958	97.22257	164.53301	7.93129	0.2207183	0.18364328	3.0653920	21	11 30.9	21.5
355728 2008 GT_{69}	15.4	X	41.86271	63.21439	178.21292	12.22382	0.0502734	0.16079977	3.3492361	21	7 9.3	20.2
355729 2008 GX_{89}	15.5	X	346.12804	162.01866	188.29039	9.05973	0.0729622	0.17485952	3.1672075	21	9 9.3	19.6
355730 2008 GK_{96}	16.4	X	181.09336	312.50510	182.07140	11.75286	0.1994875	0.17447158	3.1719007	21	8 10.4	21.9
355731 2008 GR_{110}	17.4	X	52.48095	87.33526	63.89426	21.26035	0.0569451	0.37451151	1.9061596	21	3 12.9	19.7
355732 2008 GC_{111}	17.4	X	296.13308	179.50042	103.54741	24.98690	0.0556391	0.37462785	1.9057650	21	3 24.4	20.1
355733 2008 GA_{112}	15.5	X	138.18696	92.86069	84.51723	23.15593	0.0904468	0.17429363	3.1740593	21	8 30.9	20.7
355734 2008 GF_{114}	15.8	X	235.48414	85.15031	16.44300	15.47070	0.2171163	0.18129157	3.0918445	21	8 25.6	20.9
355735 2008 GQ_{120}	15.7	X	53.76285	136.12054	115.37168	6.00672	0.1242327	0.17002259	3.2269951	21	8 20.7	20.0
355736 2008 GC_{122}	16.1	X	145.80624	91.93882	150.32539	4.41178	0.2793887	0.18353866	3.0665568	21	11 20.5	21.7
355737 2008 GG_{143}	15.4	X	112.54552	174.59985	60.61032	12.81163	0.0856918	0.18008381	3.1056531	21	10 10.4	20.2
355738 2008 GN_{144}	16.6	X	231.54047	141.41417	5.90288	8.96299	0.0960450	0.18896996	3.0075131	21	10 21.1	21.1
355739 2008 HU	15.8	X	84.78705	247.04681	23.23735	6.02160	0.1262255	0.17854468	3.1234755	21	10 21.0	20.4
355740 2008 HV_3	16.1	X	165.50260	165.62504	47.81924	3.38406	0.2482524	0.18330993	3.0691072	21	10 31.7	21.6
355741 2008 HX_7	16.0	X	217.31339	310.14369	173.06815	17.06154	0.1444063	0.17742710	3.1365779	21	9 1.6	21.0
355742 2008 HA_9	16.1	X	145.73327	47.05745	149.84951	11.15087	0.1692741	0.17731826	3.1378613	21	9 28.4	21.3
355743 2008 HK_{16}	16.0	X	164.54012	44.61894	151.57697	9.53617	0.1396297	0.17962548	3.1109337	21	10 14.1	21.1
355744 2008 HB_{23}	16.6	X	205.33016	277.49428	193.53142	8.49533	0.0295730	0.17338741	3.1851093	21	8 12.1	21.4
355745 2008 HS_{55}	16.3	X	139.31870	78.87443	109.25604	3.11713	0.0534470	0.16966865	3.2314813	21	9 4.4	21.0
355746 2008 HW_{62}	16.3	X	167.49161	5.58560	159.77389	10.72519	0.0181321	0.17300433	3.1898095	21	9 6.9	20.8
355747 2008 HJ_{63}	15.8	X	142.13397	121.13688	88.28903	11.10877	0.1652092	0.17745100	3.1362963	21	10 12.8	21.1
355748 2008 HT_{63}	15.8	X	116.37778	148.82890	74.37256	17.93550	0.1576136	0.17733399	3.1376757	21	10 9.6	21.1
355749 2008 HE_{67}	15.9	X	165.31350	319.89437	188.96611	9.10088	0.0792686	0.16770376	3.2566732	21	8 12.8	21.0
355750 2008 HS_{68}	15.5	X	143.23338	93.07541	81.93368	22.32980	0.0668063	0.16931453	3.2359855	21	9 1.1	20.7
355751 2008 JO_{22}	15.3	X	81.27068	271.36145	352.57300	24.91503	0.2317696	0.17297939	3.1901160	21	10 11.9	20.5
355752 2008 JM_{35}	17.4	X	320.06673	280.10012	353.13962	21.36212	0.1456166	0.37501270	1.9044609	21	3 14.9	19.1
355753 2008 PB_{18}	18.2	X	329.97962	196.98944	156.08141	4.70453	0.2008666	0.30233700	2.1985778	21	8 22.9	19.4
355754 2008 QZ_{15}	18.1	X	248.69972	48.05065	337.28964	2.66835	0.1707792	0.28980275	2.2615232	21	5 29.8	21.3
355755 2008 QS_{24}	14.0	X	359.95324	208.30027	161.33237	3.51249	0.0413325	0.08303172	5.2036333	21	10 12.8	20.7
355756 2008 QL_{37}	14.0	X	343.03982	243.39268	173.19266	7.86782	0.0991735	0.08462188	5.1382385	21	11 13.4	20.4
355757 2008 QR_{41}	13.2	X	294.90092	288.36034	160.56789	12.76967	0.0877208	0.08128824	5.2777755	21	10 19.8	20.0
355758 2008 QM_{42}	14.2	X	309.10405	200.21370	234.10535	5.62396	0.0066651	0.08139682	5.2730808	21	10 24.8	21.1
355759 2008 RE	17.5	X	286.50654	291.65429	90.69934	3.65621	0.2224037	0.29613509	2.2291680	21	7 5.6	19.7
355760 2008 RQ_{10}	13.8	X	345.14990	42.13533	14.76360	7.25674	0.1079954	0.08373176	5.1745894	21	11 13.1	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355761 2008 RH_{11}	14.9	X	275.09515	254.66932	34.53518	3.25047	0.1833470	0.12489201	3.9638110	21	3 12.0	20.7
355762 2008 RQ_{21}	13.6	X	104.50503	291.90328	350.55267	11.58496	0.0740916	0.08121590	5.2809091	21	11 3.1	20.8
355763 2008 RS_{31}	18.0	X	326.16907	2.31256	344.29454	4.97875	0.1622418	0.29953827	2.2122515	21	8 6.8	19.4
355764 2008 RM_{33}	17.8	X	259.37349	162.52453	215.06693	2.37150	0.1650193	0.28984672	2.2612945	21	6 1.8	20.9
355765 2008 RK_{37}	13.8	X	316.06432	250.03305	184.79899	7.19771	0.0888975	0.08105541	5.2878774	21	10 28.5	20.4
355766 2008 RR_{38}	14.0	X	313.28282	265.79810	182.15052	5.82189	0.0600767	0.08333094	5.1911693	21	11 11.2	20.7
355767 2008 RK_{45}	17.6	X	333.98747	335.07884	2.47180	6.27801	0.1847164	0.29911527	2.2143367	21	8 9.1	19.0
355768 2008 RY_{57}	12.9	X	235.86924	154.76271	1.67520	25.19514	0.0551055	0.08286395	5.2106548	21	10 21.2	20.1
355769 2008 RP_{62}	14.3	X	310.15423	74.86611	10.04640	8.69795	0.0735258	0.08288075	5.2099506	21	10 30.8	21.0
355770 2008 RE_{80}	18.3	X	172.93522	26.18996	182.01282	16.59499	0.2460928	0.54652573	1.4815932	21	12 17.9	19.8
355771 2008 RD_{112}	19.0	X	95.99383	350.82515	307.04716	2.24269	0.1524535	0.31756548	2.1277170	21	12 28.9	22.1
355772 2008 RQ_{117}	17.7	X	171.61260	323.87811	256.53034	5.55584	0.0558771	0.31456127	2.1412427	21	12 9.8	20.3
355773 2008 RR_{120}	15.8	X	150.75474	103.66174	176.24814	15.99065	0.2150561	0.17914877	3.1164500	21	—	—
355774 2008 RA_{122}	14.0	X	352.18671	28.84316	5.50367	8.37390	0.0734595	0.08146652	5.2700726	21	10 27.9	20.6
355775 2008 RK_{123}	14.1	X	25.41823	16.35605	353.91763	7.98089	0.0289030	0.08494984	5.1250057	21	11 8.8	20.9
355776 2008 RM_{123}	14.1	X	62.08085	162.96350	170.43719	5.80739	0.0254875	0.08492304	5.1260838	21	11 13.2	20.9
355777 2008 RV_{123}	14.2	X	336.17624	59.67324	343.44447	3.35754	0.0780265	0.08420351	5.1552443	21	10 18.1	20.7
355778 2008 RA_{125}	13.6	X	325.67072	241.50649	172.55225	21.07063	0.0508698	0.08260527	5.2215271	21	10 22.2	20.4
355779 2008 RY_{125}	13.8	X	300.64232	231.76606	206.16315	7.77515	0.0813751	0.08038469	5.3172508	21	10 11.8	20.6
355780 2008 RR_{126}	14.0	X	213.10539	28.08924	152.21785	7.41322	0.0764455	0.08159887	5.2643724	21	11 2.2	21.2
355781 2008 RZ_{126}	13.6	X	6.31565	128.00508	260.91693	7.37248	0.0298365	0.08244423	5.2283246	21	11 8.1	20.4
355782 2008 RY_{127}	14.0	X	328.37824	55.18443	5.59465	7.08482	0.0186979	0.08126425	5.2788140	21	10 29.8	20.9
355783 2008 RZ_{137}	18.4	X	44.55236	18.25921	290.77690	5.22633	0.1771946	0.30913228	2.1662396	21	11 16.9	21.0
355784 2008 RY_{139}	18.0	X	252.20692	213.88973	203.32640	1.57761	0.1987974	0.29435991	2.2381212	21	7 14.1	21.2
355785 2008 SC_{25}	17.7	X	193.91161	44.96061	23.60012	2.98374	0.1670326	0.28374332	2.2936067	21	6 2.1	21.3
355786 2008 SV_{41}	17.9	X	334.86623	344.74650	359.14336	3.50854	0.1538553	0.30093339	2.2054090	21	8 23.9	19.4
355787 2008 SM_{43}	18.6	X	222.08289	39.98456	10.34846	3.42825	0.2074843	0.28418795	2.2912138	21	6 2.9	22.3
355788 2008 SX_{50}	13.6	X	308.46790	75.78220	5.82757	10.90949	0.0288401	0.08104602	5.2882857	21	10 28.2	20.5
355789 2008 SA_{57}	17.4	X	200.08450	68.41299	30.91280	6.36186	0.0863482	0.28906223	2.2653839	21	7 26.1	20.5
355790 2008 SZ_{65}	17.5	X	212.40979	21.61736	14.51705	3.49306	0.2496244	0.27890370	2.3200635	21	5 5.8	21.6
355791 2008 SW_{85}	14.1	X	115.27492	310.21196	335.11426	13.98196	0.0186282	0.08306192	5.2023721	21	11 11.2	21.3
355792 2008 SN_{88}	17.7	X	21.27430	318.26733	22.40762	6.01881	0.1448628	0.30704806	2.1760313	21	11 22.6	19.8
355793 2008 SZ_{93}	18.0	X	229.34627	194.31962	255.54206	3.04752	0.1084490	0.29353253	2.2423250	21	8 12.2	21.0
355794 2008 SU_{105}	18.0	X	221.68701	78.16812	30.67183	1.85114	0.0595276	0.29557510	2.2319827	21	9 6.9	20.6
355795 2008 SM_{112}	18.0	X	252.73446	334.48093	112.35001	3.23744	0.0906481	0.29869816	2.2163977	21	9 14.6	20.4
355796 2008 SM_{125}	17.3	X	332.59308	160.58494	209.86508	4.37788	0.1155263	0.30099785	2.2050941	21	10 2.6	19.2
355797 2008 ST_{141}	17.4	X	155.16206	353.79216	49.27499	6.11602	0.3358178	0.26700554	2.3884851	21	4 8.1	21.6
355798 2008 SH_{153}	17.7	X	263.74417	222.45802	157.14245	2.81244	0.1514734	0.29115382	2.2545215	21	6 11.8	20.7
355799 2008 SO_{159}	17.4	X	336.33479	343.00170	7.02814	5.32649	0.2008307	0.30109556	2.2046170	21	9 6.9	18.4
355800 2008 SA_{165}	17.6	X	299.88358	323.74063	29.45062	4.39252	0.1929981	0.29296000	2.2452455	21	6 17.1	19.9
355801 2008 SY_{199}	18.4	X	198.33927	116.27028	326.01550	2.65667	0.1814602	0.28327754	2.2961202	21	6 24.9	22.1
355802 2008 SA_{242}	17.5	X	355.05007	256.64961	57.29272	5.68772	0.1700912	0.29902128	2.2148007	21	8 23.2	19.0
355803 2008 SB_{244}	18.1	X	290.16156	58.30486	4.65988	5.87840	0.1062068	0.30307812	2.1949923	21	10 4.9	19.9
355804 2008 SF_{253}	17.9	X	300.80723	292.53455	78.35612	4.41285	0.0702589	0.29442781	2.2377771	21	8 9.5	20.2
355805 2008 SS_{253}	17.9	X	229.84796	280.53790	165.67795	4.98075	0.1876099	0.29190698	2.2506419	21	7 30.1	21.2
355806 2008 SZ_{259}	18.1	X	9.53683	66.38368	244.34768	3.16041	0.1278354	0.29879216	2.2159328	21	9 10.2	20.0
355807 2008 SF_{269}	18.0	X	8.33218	303.26793	25.57394	4.20757	0.0986389	0.30068346	2.2066309	21	10 6.5	19.9
355808 2008 SK_{275}	13.5	X	317.75280	102.27611	332.69631	10.05542	0.0563648	0.08034080	5.3191874	21	10 28.1	20.4
355809 2008 SK_{277}	14.0	X	289.34174	324.76447	152.85104	8.34109	0.0626557	0.08342236	5.1873762	21	11 16.2	20.8
355810 2008 SX_{279}	13.5	X	295.17137	287.97872	166.60042	11.68196	0.0299587	0.08147652	5.2696415	21	11 1.6	20.5
355811 2008 SM_{284}	17.4	X	224.84694	59.99487	346.39016	6.52425	0.1086539	0.28322045	2.2964288	21	6 6.6	20.7
355812 2008 TE_{22}	18.4	X	177.46282	263.97679	202.37946	2.04941	0.1520553	0.28208279	2.3025990	21	7 6.8	21.8
355813 2008 TZ_{23}	14.1	X	329.75515	125.58401	305.55797	6.38639	0.0255154	0.08093329	5.2931953	21	11 11.1	21.1
355814 2008 TU_{37}	14.1	X	328.06710	88.22651	353.76299	6.76870	0.0866216	0.08294534	5.2072455	21	11 18.3	20.7
355815 2008 TZ_{45}	18.2	X	177.90964	284.87225	153.76969	3.23253	0.1966662	0.27767558	2.3268993	21	6 1.9	22.0
355816 2008 TN_{58}	13.9	X	16.51908	199.40276	189.53981	6.43461	0.0827090	0.08115727	5.2834521	21	11 25.2	20.5
355817 2008 TU_{74}	18.0	X	135.26219	331.29169	223.77723	5.31723	0.0143615	0.29515458	2.2341022	21	9 12.8	20.8
355818 2008 TL_{76}	14.2	X	27.22251	196.92852	171.46584	1.04811	0.0420736	0.08176604	5.2571949	21	11 12.1	20.9
355819 2008 TB_{83}	18.0	X	210.54438	335.98050	72.23345	2.43545	0.2055578	0.28144692	2.3060659	21	5 21.7	21.7
355820 2008 TY_{96}	13.9	X	253.72232	235.98811	266.95604	6.24055	0.0325248	0.08154383	5.2667412	21	11 4.2	20.9
355821 2008 TK_{98}	18.2	X	225.54526	159.22017	305.24339	3.88796	0.0955357	0.29713962	2.2241411	21	8 30.1	21.1
355822 2008 TY_{106}	13.8	X	331.79104	259.37872	177.54574	13.74084	0.0784994	0.08231538	5.2337789	21	11 21.7	20.5
355823 2008 TS_{110}	17.5	X	252.28264	66.58417	352.76014	7.48423	0.1028250	0.29301118	2.2449840	21	8 2.9	20.4
355824 2008 TR_{115}	17.1	X	344.22972	21.03627	313.68658	5.71473	0.1334869	0.29795838	2.2200648	21	8 27.3	18.7
355825 2008 TZ_{115}	18.7	X	164.88577	315.98762	146.07250	7.84415	0.2120504	0.27931969	2.3177594	21	6 21.1	22.6
355826 2008 TJ_{127}	18.0	X	120.84086	340.46783	310.89958	4.00632	0.0690702	0.31865966	2.1228436	21	—	—
355827 2008 TC_{157}	18.1	X	220.86312	325.47656	47.35740	2.99939	0.2514239	0.27827998	2.3235289	21	4 14.7	22.1
355828 2008 TZ_{162}	17.8	X	228.05931	54.24790	69.79918	2.73112	0.0522008	0.30083579	2.2058859	21	10 9.8	20.4
355829 2008 TH_{170}	17.3	X	153.02080	159.96956	278.83117	1.26937	0.1582449	0.26475300	2.4020136	21	5 7.2	20.8
355830 2008 TS_{174}	13.7	X	17.30814	25.42014	6.37961	14.46352	0.0441807	0.08243599	5.2286729	21	11 22.1	20.6
355831 2008 TJ_{177}	17.3	X	294.71996	235.49349	118.23307	7.39630	0.1818515	0.29296093	2.2452407	21	6 12.6	19.9
355832 2008 TX_{183}	17.8	X	302.79171	111.70882	258.71347	5.26645	0.1441511	0.29526418	2.2335493	21	7 27.8	19.9
355833 2008 TL_{186}	17.8	X	338.67919	225.13430	129.90654	5.20956	0.1780308	0.29985881	2.2106747	21	9 24.2	19.1
355834 2008 UY_{6}	17.7	X	184.81153	289.97105	88.83519	4.17033	0.2859555	0.27126836	2.3633967	21	3 28.6	21.9
355835 2008 UW_{9}	13.8	X	354.27204	220.29939	182.24049	8.98992	0.0146269	0.08270797	5.2172039	21	11 11.6	20.7
355836 2008 UN_{15}	13.4	X	15.51363	22.10635	358.01193	9.02447	0.0829792	0.08155905	5.2660861	21	11 10.8	20.1
355837 2008 UF_{33}	17.9	X	206.86135	216.87046	179.28207	4.08344	0.0945382	0.27680769	2.3317605	21	5 6.1	21.1
355838 2008 UQ_{42}	17.4	X	201.33078	25.11326	46.52323	7.83630	0.0815932	0.28082950	2.3094447	21	6 16.1	20.6
355839 2008 UX_{47}	15.8	X	67.35314	110.83753	239.41667	13.05575	0.1012292	0.23629535	2.5911901	21	—	—
355840 2008 UW_{51}	17.3	X	161.09369	56.60182	41.54412	5.41284	0.0893892	0.27601649	2.3362144	21	6 5.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355841 2008 UW_{52}	17.7	X	280.13145	102.27577	227.13606	2.72512	0.1597840	0.27888876	2.3201463	21	4 21.6	20.8
355842 2008 UU_{55}	13.8	X	10.20664	142.74898	248.05779	3.80934	0.0481733	0.08194838	5.2493937	21	11 16.4	20.5
355843 2008 UD_{90}	16.8	X	127.56402	234.64744	221.20639	11.31056	0.0560937	0.27166230	2.3611113	21	4 17.5	19.7
355844 2008 UJ_{91}	17.0	X	130.96120	243.54335	216.99871	27.26254	0.2218123	0.27270473	2.3550905	21	5 19.2	20.7
355845 2008 US_{98}	17.6	X	308.95075	290.34500	67.39875	6.66414	0.1717510	0.29272901	2.2464265	21	7 16.6	19.6
355846 2008 UH_{103}	17.5	X	61.21906	280.62364	351.40564	6.74480	0.0284667	0.29922538	2.2137934	21	9 23.0	19.8
355847 2008 UH_{104}	17.7	X	98.49837	196.63348	19.84837	5.43063	0.0542282	0.29420029	2.2389307	21	9 1.9	20.5
355848 2008 UW_{108}	16.8	X	14.22855	57.28259	23.46573	5.62139	0.1480582	0.24026723	2.5625539	21	—	—
355849 2008 UM_{109}	13.7	X	261.48005	141.42722	4.72691	7.20775	0.0211539	0.08413663	5.1579758	21	11 17.4	20.6
355850 2008 UR_{131}	18.0	X	1.40338	311.37972	32.15976	6.26663	0.2044217	0.30260591	2.1972751	21	10 31.5	19.6
355851 2008 UK_{151}	17.9	X	154.59527	78.92176	54.00345	3.57130	0.1254801	0.28124180	2.3071871	21	7 19.5	21.2
355852 2008 UB_{157}	17.9	X	174.50719	18.21917	62.94933	2.09216	0.1596306	0.27588908	2.3369336	21	5 31.6	21.5
355853 2008 UH_{159}	17.5	X	192.20390	149.40372	255.27999	5.48305	0.2326521	0.27334903	2.3513883	21	4 30.6	21.5
355854 2008 UM_{182}	18.0	X	236.28639	227.93954	177.98967	2.35075	0.1615747	0.28581425	2.2825141	21	6 15.3	21.2
355855 2008 UY_{198}	17.2	X	170.69047	316.65376	76.38231	4.21478	0.2864842	0.26860123	2.3790161	21	4 4.6	21.4
355856 2008 UQ_{224}	18.4	X	243.96883	83.43631	14.80269	1.96124	0.0989881	0.29987949	2.2105731	21	9 16.3	20.9
355857 2008 UT_{230}	13.7	X	25.96425	114.92616	260.07975	3.48183	0.1512268	0.08253736	5.2243907	21	11 27.6	20.1
355858 2008 UD_{245}	17.1	X	207.10574	15.59894	18.95640	6.37480	0.1756437	0.27506214	2.3416151	21	4 30.6	20.8
355859 2008 UN_{248}	17.4	X	108.16165	56.60259	65.53660	9.32047	0.1220103	0.26763058	2.3847648	21	5 10.9	20.4
355860 2008 UR_{254}	18.1	X	140.10842	229.44541	196.24285	0.75302	0.1672200	0.26670493	2.3902795	21	4 7.6	21.4
355861 2008 UQ_{258}	18.0	X	197.70616	45.54322	47.58513	6.12102	0.0742034	0.28353895	2.2947087	21	7 13.9	21.2
355862 2008 UK_{272}	17.2	X	50.10257	43.10513	13.50967	2.89728	0.1946185	0.24544901	2.5263597	21	—	—
355863 2008 UD_{273}	17.6	X	222.28211	157.20312	323.33319	7.08559	0.0365482	0.29894225	2.2151910	21	9 24.3	20.2
355864 2008 UT_{290}	17.4	X	250.69864	254.12502	87.49510	7.55321	0.1344771	0.27373318	2.3491879	21	4 12.2	20.9
355865 2008 UA_{291}	17.4	X	99.96304	28.02127	95.66878	6.69372	0.1072270	0.26616635	2.3935029	21	5 1.2	20.4
355866 2008 UY_{308}	17.9	X	353.54066	62.37883	289.30283	4.55205	0.2096241	0.30135426	2.2033551	21	10 25.1	19.3
355867 2008 UM_{312}	17.3	X	195.64437	150.86612	319.34016	6.20556	0.0749944	0.28645049	2.2791330	21	8 3.9	20.4
355868 2008 UO_{316}	17.5	X	203.13090	331.07147	79.44492	3.14702	0.1868512	0.27631227	2.3345469	21	5 18.9	21.1
355869 2008 UW_{329}	17.9	X	182.61532	166.91101	36.75080	5.71579	0.0414735	0.30709329	2.1758177	21	11 30.0	20.6
355870 2008 US_{353}	17.8	X	236.11674	353.25348	39.25048	2.31150	0.1300201	0.28091478	2.3089773	21	5 30.3	21.0
355871 2008 UU_{354}	18.1	X	155.58362	0.62529	110.07141	2.01857	0.1422443	0.27658649	2.3330036	21	6 20.3	21.5
355872 2008 UW_{361}	17.7	X	259.97518	116.56651	339.80143	6.44766	0.0248070	0.30148572	2.2027145	21	10 16.2	20.2
355873 2008 VK_{2}	17.1	X	13.37382	83.13843	253.66141	5.55771	0.2975754	0.30473337	2.1870365	21	12 2.1	18.8
355874 2008 VY_{23}	17.8	X	142.13637	237.67223	208.88443	5.47489	0.2001566	0.26845850	2.3798593	21	5 10.7	21.4
355875 2008 VU_{24}	17.9	X	150.60094	293.47252	133.03183	3.16079	0.2105066	0.26727830	2.3868599	21	4 24.6	21.7
355876 2008 VK_{25}	18.1	X	209.49171	317.31791	78.02396	3.24897	0.2100060	0.27793430	2.3254550	21	5 4.9	22.0
355877 2008 VM_{28}	16.9	X	144.68171	85.41683	343.97479	12.94896	0.1751431	0.27062379	2.3671480	21	4 12.2	20.6
355878 2008 VH_{32}	17.9	X	103.46801	131.76058	110.82202	3.55587	0.0399953	0.29773716	2.2211643	21	10 14.3	20.5
355879 2008 VR_{39}	17.8	X	196.03738	86.22105	341.63442	3.68976	0.1379042	0.27709841	2.3301293	21	6 3.7	21.4
355880 2008 VO_{41}	17.4	X	341.28238	40.11592	283.51522	5.60159	0.2230663	0.29644555	2.2276114	21	7 26.2	18.3
355881 2008 VD_{51}	17.4	X	149.87039	197.97663	249.42209	3.26136	0.1319677	0.27066301	2.3669193	21	5 12.9	20.8
355882 2008 VP_{66}	17.6	X	281.35550	238.23819	110.77400	6.55742	0.2164488	0.28598601	2.2816001	21	5 14.4	20.7
355883 2008 VU_{71}	17.5	X	153.53810	319.07637	90.03574	2.52976	0.1779048	0.26081462	2.4261339	21	4 2.9	21.2
355884 2008 VJ_{74}	17.3	X	103.20108	112.27708	64.71289	7.44981	0.0487355	0.28011862	2.3133503	21	7 9.4	20.2
355885 2008 WG_{4}	18.2	X	169.38841	84.09786	10.30047	3.44523	0.1553312	0.27833740	2.3232093	21	6 12.7	21.8
355886 2008 WW_{4}	17.5	X	102.31807	196.80964	48.48224	6.90339	0.0630398	0.30006466	2.2096635	21	10 19.1	20.2
355887 2008 WL_{11}	17.8	X	167.84963	230.00770	187.00682	2.21028	0.1865959	0.27093337	2.3653444	21	4 25.6	21.6
355888 2008 WB_{42}	17.4	X	76.13972	166.18873	43.95317	4.78487	0.1830565	0.27937838	2.3174348	21	8 12.0	20.3
355889 2008 WK_{43}	17.3	X	91.72318	171.06047	53.88030	7.40941	0.0460797	0.28803356	2.2707744	21	9 5.2	20.2
355890 2008 WD_{46}	17.7	X	144.74720	108.99131	58.71245	4.45603	0.0984887	0.28475958	2.2881464	21	8 25.7	20.9
355891 2008 WE_{46}	18.0	X	148.67376	58.10389	32.04094	1.41684	0.1648722	0.27029108	2.3690901	21	5 18.2	21.4
355892 2008 WL_{46}	18.1	X	211.05812	134.44878	273.61024	0.81424	0.1679478	0.27735952	2.3286667	21	5 23.1	21.7
355893 2008 WB_{48}	17.4	X	171.94626	157.32752	245.29663	5.19055	0.1037178	0.26698583	2.3886027	21	4 4.1	21.0
355894 2008 WA_{50}	17.0	X	3.89085	235.35009	137.87937	3.15117	0.2134878	0.22870809	2.6481852	21	12 3.3	19.6
355895 2008 WB_{50}	17.1	X	105.95248	106.05525	63.93068	26.73505	0.2204527	0.27468816	2.3437400	21	7 29.9	21.1
355896 2008 WH_{50}	17.2	X	250.20265	276.24547	71.82105	3.34874	0.2355528	0.27731354	2.3289241	21	4 9.4	20.9
355897 2008 WW_{61}	17.0	X	13.72095	288.00920	75.70919	6.90258	0.3634067	0.23055367	2.6340338	21	—	—
355898 2008 WT_{66}	17.9	X	336.09048	292.60122	76.07593	5.44591	0.1952787	0.29867479	2.2165133	21	10 13.2	19.2
355899 2008 WR_{67}	18.1	X	117.71008	8.38172	90.81723	2.30840	0.1494203	0.26525339	2.3989917	21	4 25.4	21.3
355900 2008 WQ_{68}	17.6	X	136.46235	16.38400	97.70261	2.34019	0.1393011	0.27136518	2.3628345	21	6 4.3	21.0
355901 2008 WN_{72}	18.0	X	124.38641	211.78264	268.51906	0.85072	0.1273646	0.27259831	2.3557034	21	5 28.1	21.0
355902 2008 WO_{73}	16.3	X	308.12157	130.76850	58.21732	6.03230	0.2272973	0.24235032	2.5478488	21	—	—
355903 2008 WS_{90}	17.4	X	190.15861	196.04931	240.66379	5.83854	0.0900174	0.27729337	2.3290370	21	6 10.6	20.6
355904 2008 WY_{102}	17.2	X	171.23241	258.11930	166.51127	6.64780	0.1911335	0.27365226	2.3496510	21	5 10.1	21.0
355905 2008 WA_{104}	17.5	X	171.36676	209.92329	280.98394	4.81354	0.0818604	0.28378874	2.2933620	21	8 1.9	20.7
355906 2008 WB_{113}	17.4	X	138.47782	56.07227	77.87072	2.83343	0.1331525	0.27572175	2.3378790	21	7 2.9	20.8
355907 2008 WQ_{120}	17.8	X	191.45805	81.86755	279.48204	6.73215	0.1595537	0.26100545	2.4249512	21	3 4.1	21.8
355908 2008 XE_{12}	17.7	X	52.42086	32.12827	170.75478	4.95097	0.0942923	0.27353097	2.3503455	21	6 7.3	20.2
355909 2008 XV_{20}	17.5	X	165.53162	350.90244	103.32202	4.76452	0.1172592	0.27172917	2.3607240	21	6 7.9	20.8
355910 2008 XQ_{33}	17.8	X	7.29855	358.54034	282.86384	5.87915	0.1144242	0.28379264	2.2933410	21	7 17.5	19.6
355911 2008 XM_{35}	17.6	X	233.36704	22.86530	338.25790	2.12008	0.2321257	0.27571098	2.3379399	21	4 9.6	21.4
355912 2008 XF_{43}	16.5	X	177.98421	348.52221	71.72997	7.90425	0.0973911	0.26828795	2.3808678	21	5 7.5	19.8
355913 2008 XW_{44}	17.2	X	74.19946	175.89150	292.24220	6.63375	0.2214266	0.25416109	2.4682928	21	3 13.1	19.7
355914 2008 XR_{48}	17.1	X	320.26830	0.57578	75.63716	3.79945	0.2420013	0.22500894	2.6771304	21	11 26.6	19.1
355915 2008 XQ_{49}	16.7	X	100.51493	109.00554	89.43455	22.24574	0.1674144	0.28024260	2.3126679	21	8 29.6	20.5
355916 2008 YL_{1}	17.0	X	59.33553	179.72870	302.55172	4.73649	0.1897418	0.25273844	2.4775467	21	3 2.0	19.2
355917 2008 YT_{2}	17.5	X	248.65127	332.43766	58.71153	3.75206	0.2550984	0.28163199	2.3050555	21	5 30.1	21.0
355918 2008 YF_{5}	17.4	X	80.32504	160.89272	300.97543	2.21508	0.2111741	0.25516574	2.4618097	21	3 15.8	20.0
355919 2008 YD_{13}	17.1	X	132.03358	187.74307	281.83013	4.11590	0.1560048	0.26527663	2.3988516	21	5 25.5	20.7
355920 2008 YQ_{13}	16.0	X	338.14711	326.14119	295.77550	9.64262	0.1933128	0.25820580	2.4424484	21	4 2.9	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355921 2008 YC_{15}	17.4	X	275.03262	61.03741	262.13170	6.24789	0.0102062	0.27124510	2.3635318	21	4 27.5	20.3
355922 2008 YU_{20}	17.0	X	189.31237	106.47522	259.05670	1.39986	0.2154659	0.25866988	2.4395262	21	3 12.0	21.1
355923 2008 YN_{25}	16.9	X	39.93949	126.47123	335.38461	10.18416	0.0666495	0.24397556	2.5365212	21	—	—
355924 2008 YS_{29}	17.3	X	107.54013	355.07000	102.26369	5.10632	0.1911584	0.25918156	2.4363143	21	4 18.4	20.5
355925 2008 YA_{38}	17.7	X	74.63765	344.92322	143.27270	2.92901	0.1410352	0.25564864	2.4587086	21	4 4.1	20.4
355926 2008 YN_{42}	17.7	X	264.36975	113.53397	270.49487	6.20766	0.1194294	0.28385501	2.2930050	21	6 23.6	20.7
355927 2008 YN_{46}	17.3	X	170.34494	0.57274	75.64917	3.30121	0.1678067	0.26876107	2.3780728	21	5 21.9	21.0
355928 2008 YO_{47}	17.3	X	62.65857	159.43161	82.24898	2.93118	0.1655180	0.27593979	2.3366473	21	9 3.9	20.0
355929 2008 YP_{48}	18.1	X	106.37541	44.13078	80.37862	2.28054	0.1177047	0.26123597	2.4235244	21	5 10.9	21.1
355930 2008 YX_{48}	17.4	X	61.50950	148.35494	18.63050	1.55586	0.1305434	0.25858745	2.4400446	21	5 5.1	20.0
355931 2008 YU_{49}	17.0	X	198.24178	331.57473	36.27259	2.55020	0.2286657	0.26072431	2.4266941	21	3 23.6	21.1
355932 2008 YU_{51}	17.0	X	333.96825	319.32558	317.99673	6.37523	0.0964896	0.26479414	2.4017648	21	5 5.9	19.9
355933 2008 YC_{55}	17.0	X	133.63502	128.71373	335.31196	5.98298	0.0953952	0.26251033	2.4156747	21	5 11.4	20.4
355934 2008 YT_{56}	17.3	X	137.44768	97.47799	333.60276	2.52037	0.1003894	0.26048515	2.4281792	21	4 3.6	20.7
355935 2008 YV_{58}	18.0	X	166.90422	327.42725	79.54572	2.40225	0.1740580	0.26376018	2.4080374	21	4 12.3	21.7
355936 2008 YV_{70}	17.1	X	340.22038	156.07498	88.71954	6.96399	0.0589322	0.25959206	2.4337452	21	4 10.9	20.0
355937 2008 YU_{71}	17.5	X	213.55716	357.15256	57.31084	4.55453	0.2208937	0.27714883	2.3298467	21	5 31.7	21.3
355938 2008 YJ_{74}	17.4	X	215.11591	317.51658	94.02319	5.46059	0.1376994	0.27462467	2.3441012	21	6 2.8	20.9
355939 2008 YJ_{78}	17.4	X	55.38992	278.28041	261.01786	4.14544	0.0810138	0.25986135	2.4320636	21	5 5.2	20.2
355940 2008 YG_{79}	17.6	X	102.78679	313.08880	172.92109	2.77000	0.1382530	0.25989622	2.4318460	21	5 11.8	20.7
355941 2008 YG_{88}	17.8	X	205.94819	76.96910	288.22374	2.31547	0.1933008	0.26506794	2.4001105	21	3 23.9	21.8
355942 2008 YM_{93}	17.6	X	132.79736	323.85839	88.48549	3.44904	0.2066110	0.25723514	2.4485887	21	3 20.9	21.1
355943 2008 YQ_{99}	17.0	X	201.92556	243.20030	112.41868	3.13692	0.2238513	0.26020390	2.4299286	21	3 12.2	21.1
355944 2008 YD_{103}	16.8	X	350.24011	316.30999	286.53653	7.36493	0.1775784	0.25859608	2.4399902	21	4 1.4	19.3
355945 2008 YY_{104}	17.2	X	206.97879	288.86597	117.55085	7.03204	0.1278022	0.26987637	2.3715165	21	5 20.5	20.8
355946 2008 YU_{106}	17.6	X	74.54777	94.73993	68.06001	2.28956	0.1267703	0.26015485	2.4302340	21	5 20.5	20.3
355947 2008 YW_{107}	16.9	X	88.30632	21.43825	110.10622	3.25207	0.1337775	0.25804421	2.4434679	21	4 29.2	19.7
355948 2008 YX_{115}	17.8	X	142.59153	357.24442	108.24701	2.26316	0.1046713	0.26749815	2.3855518	21	5 27.6	21.0
355949 2008 YQ_{125}	17.1	X	47.20574	149.87265	108.57188	6.21410	0.2121758	0.27502286	2.3418380	21	9 14.7	19.7
355950 2008 YZ_{125}	17.1	X	57.94574	91.21632	104.82853	9.21159	0.1084081	0.26474190	2.4020807	21	6 9.3	19.7
355951 2008 YD_{126}	17.2	X	349.59200	175.01345	92.52944	3.70503	0.1602199	0.26591303	2.3950227	21	5 16.6	19.1
355952 2008 YW_{126}	16.9	X	356.22690	322.62405	303.38263	10.42183	0.2151430	0.26582572	2.3955471	21	5 20.6	18.9
355953 2008 YO_{127}	17.7	X	181.64362	279.86409	138.72774	0.57252	0.1451903	0.26600685	2.3944595	21	5 9.3	21.3
355954 2008 YW_{128}	17.5	X	139.71313	161.10259	317.18280	4.07326	0.0976105	0.26946722	2.3739164	21	6 9.3	20.8
355955 2008 YQ_{141}	16.9	X	83.48562	196.28824	300.18125	10.02988	0.0236012	0.25998505	2.4312920	21	4 3.9	20.2
355956 2008 YZ_{144}	17.0	X	19.16681	335.15339	284.25919	7.94067	0.1397234	0.26887053	2.3774273	21	7 8.1	18.9
355957 2008 YB_{149}	15.9	X	280.54624	224.61597	341.94572	16.19845	0.1138691	0.22655037	2.6649733	21	—	—
355958 2008 YO_{149}	17.5	X	129.86254	133.74765	271.15670	3.94135	0.2039279	0.25626173	2.4547855	21	3 4.1	21.1
355959 2008 YO_{152}	17.7	X	39.61193	126.95678	321.96937	5.82807	0.1532328	0.24029907	2.5623276	21	—	—
355960 2008 YR_{153}	17.4	X	245.92485	69.81247	281.11224	4.01936	0.1251809	0.26634025	2.3924609	21	4 14.8	21.0
355961 2008 YP_{155}	17.1	X	17.13036	303.47200	310.38528	5.45206	0.1038130	0.26659615	2.3909296	21	6 22.6	19.5
355962 2008 YT_{155}	17.2	X	11.81854	348.41910	219.47809	2.06147	0.1358505	0.25477521	2.4643248	21	3 31.9	19.5
355963 2008 YR_{157}	17.6	X	190.98060	211.45270	147.16167	2.92727	0.2051937	0.25835032	2.4415374	21	3 5.9	21.7
355964 2008 YO_{164}	17.1	X	293.51943	201.11128	89.90286	6.47153	0.1426491	0.25723140	2.4486125	21	3 26.1	20.5
355965 2008 YJ_{167}	17.5	X	166.33643	207.78169	229.58722	1.87900	0.1726895	0.26911859	2.3759661	21	5 19.6	21.1
355966 2008 YP_{167}	16.6	X	104.19766	100.09263	359.55264	6.76458	0.1195230	0.25837540	2.4413794	21	4 2.4	19.6
355967 2008 YH_{172}	17.0	X	328.92489	164.99332	27.84276	4.80744	0.1198940	0.23382098	2.6094385	21	1 7.3	20.3
355968 2009 AF_{1}	17.1	X	158.68039	178.61456	259.95654	5.44480	0.1332674	0.26700653	2.3884792	21	5 10.4	20.6
355969 2009 AA_{5}	17.1	X	30.57123	22.16319	13.47277	2.22997	0.1415948	0.23081041	2.6320802	21	—	—
355970 2009 AQ_{8}	17.2	X	73.70761	87.60849	84.82903	4.72185	0.1451468	0.26267248	2.4146804	21	6 5.4	19.7
355971 2009 AN_{13}	18.0	X	155.18148	206.24530	213.32563	1.76596	0.1376858	0.26217133	2.4177566	21	4 13.1	21.6
355972 2009 AB_{17}	17.1	X	153.80104	144.23772	303.19067	6.34502	0.0589599	0.26496100	2.4007563	21	5 9.6	20.4
355973 2009 AR_{19}	16.6	X	269.33314	223.12446	104.78003	7.30704	0.1233294	0.26574480	2.3960334	21	4 16.8	20.0
355974 2009 AD_{20}	17.2	X	3.20920	324.48076	311.36828	4.65527	0.1444184	0.27106622	2.3645715	21	6 30.8	19.1
355975 2009 AH_{22}	17.7	X	140.16370	292.51859	143.70229	1.93661	0.1538718	0.26194857	2.4191272	21	4 21.3	21.1
355976 2009 AM_{24}	17.6	X	153.08036	170.25215	223.78318	1.85856	0.1990099	0.25620343	2.4551578	21	3 14.7	21.4
355977 2009 AG_{27}	17.9	X	125.04960	158.20413	315.86725	1.38568	0.1510464	0.26417137	2.4055380	21	5 23.4	21.3
355978 2009 AA_{28}	16.5	X	77.78775	26.84048	117.35331	12.87671	0.1881911	0.25716700	2.4490213	21	5 14.4	19.6
355979 2009 AH_{28}	17.8	X	106.95812	3.48235	144.56431	1.41583	0.1112764	0.26588474	2.3951926	21	6 12.2	20.9
355980 2009 AA_{39}	17.3	X	225.14056	210.07938	161.38124	2.84987	0.1153399	0.26598687	2.3945794	21	4 23.1	20.8
355981 2009 AF_{39}	17.4	X	187.30888	201.02355	158.14957	2.68203	0.2171880	0.25701577	2.4499819	21	3 3.7	21.5
355982 2009 AW_{42}	17.0	X	146.80683	216.39662	123.20040	15.22817	0.1662589	0.23924449	2.5698519	21	—	—
355983 2009 AT_{43}	17.1	X	117.23672	272.62915	135.36182	5.95790	0.1323371	0.25143470	2.4861037	21	2 14.1	20.3
355984 2009 AM_{44}	17.0	X	41.34034	253.47064	160.08026	6.90861	0.0550553	0.22598040	2.6694526	21	—	—
355985 2009 AV_{44}	16.3	X	334.98244	148.34974	0.94190	10.74682	0.1065280	0.22759295	2.6568284	21	—	—
355986 2009 AL_{47}	17.5	X	190.90112	283.19010	111.35235	4.46904	0.2199804	0.26458840	2.4030097	21	4 20.4	21.5
355987 2009 AC_{50}	16.3	X	210.06793	292.19791	326.32083	10.82744	0.1227469	0.22358186	2.6885101	21	—	—
355988 2009 AJ_{50}	17.4	X	100.87951	248.20436	139.93870	4.55124	0.2111156	0.24379265	2.5377898	21	1 9.1	20.2
355989 2009 BX_{4}	16.9	X	143.58916	246.30880	154.31049	7.95190	0.2407535	0.25576105	2.4579881	21	3 20.1	20.7
355990 2009 BG_{7}	16.6	X	44.68590	354.75037	157.54204	5.57579	0.1696026	0.25278018	2.4772739	21	3 17.9	18.6
355991 2009 BX_{7}	16.6	X	316.15953	176.18519	286.23367	12.99951	0.2135869	0.22434513	2.6824087	21	12 27.7	18.9
355992 2009 BW_{10}	16.9	X	137.23649	208.41350	207.79130	5.95256	0.1489985	0.25500158	2.4628661	21	3 20.9	20.4
355993 2009 BW_{11}	16.9	X	82.11165	238.78057	277.88090	9.08380	0.0762208	0.26074681	2.4265545	21	5 12.7	20.0
355994 2009 BL_{14}	17.3	X	139.24606	199.23773	214.63188	3.91387	0.1862234	0.25640689	2.4538589	21	3 24.5	21.0
355995 2009 BL_{17}	17.5	X	112.54598	214.73458	240.28894	1.80035	0.1670090	0.25778412	2.4451112	21	4 15.0	20.8
355996 2009 BE_{25}	17.5	X	3.44910	98.23198	63.14058	4.54037	0.1173741	0.24467383	2.5316930	21	1 14.1	20.4
355997 2009 BQ_{26}	16.8	X	346.04464	160.81564	311.61182	13.28347	0.1700034	0.23282053	2.6169085	21	—	—
355998 2009 BS_{50}	17.4	X	21.00669	150.14861	93.39098	2.31153	0.1378189	0.26368601	2.4084890	21	6 15.9	19.3
355999 2009 BA_{51}	17.4	X	30.32517	121.34683	102.04123	3.14028	0.1533626	0.26104154	2.4247276	21	6 4.9	19.6
356000 2009 BO_{55}	17.1	X	129.54446	288.81127	84.16497	2.30529	0.2299725	0.24516532	2.5283083	21	1 30.0	20.6