Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352001 2006 UG_{221}	16.5	X	215.28439	48.23626	3.52335	8.09371	0.1545258	0.19232595	2.9724242	20	6 9.5	21.4
352002 2006 UH_{227}	16.1	X	127.34644	274.55289	162.30683	5.19378	0.1698254	0.17767952	3.1336065	20	4 23.8	21.0
352003 2006 UA_{253}	17.2	X	286.76691	140.51079	208.29026	3.54416	0.0939236	0.19415011	2.9537764	20	6 20.2	21.1
352004 2006 UG_{253}	16.4	X	294.50855	315.16546	22.20887	0.87257	0.0721091	0.19296369	2.9658714	20	6 19.1	20.4
352005 2006 UE_{274}	16.2	X	332.91380	31.22165	270.87309	4.11157	0.0259037	0.19001317	2.9964951	20	7 1.5	20.1
352006 2006 UK_{287}	16.9	X	291.63814	116.33983	227.24387	6.65149	0.0867636	0.19547371	2.9404275	20	6 20.9	20.8
352007 2006 UZ_{289}	16.1	X	70.19621	248.75529	260.74059	5.83430	0.0182695	0.18089266	3.0963883	20	4 23.4	20.4
352008 2006 UK_{329}	15.2	X	162.76933	125.92817	264.35382	14.51310	0.1014075	0.17484523	3.1673801	20	3 20.2	20.4
352009 2006 UN_{332}	16.6	X	209.62259	163.68653	169.38631	10.71494	0.2183021	0.18000859	3.1065181	20	3 1.9	22.1
352010 2006 UR_{334}	17.2	X	140.61084	53.50276	44.37821	1.68435	0.1682813	0.18116615	3.0932713	20	5 29.9	22.2
352011 2006 UG_{335}	16.7	X	138.65387	250.65834	199.11826	4.79810	0.1536889	0.17864618	3.1222923	20	5 18.1	21.7
352012 2006 UM_{346}	16.7	X	135.86571	39.31084	36.29507	9.82350	0.1200531	0.17994514	3.1072483	20	4 24.8	21.4
352013 2006 UT_{360}	15.8	X	123.57309	175.83931	303.99696	9.13074	0.0538320	0.18378462	3.0638202	20	5 28.0	20.4
352014 2006 VC_{5}	16.4	X	296.81656	94.42905	292.09875	3.84487	0.0618640	0.20975496	2.8053984	20	8 29.0	19.9
352015 2006 VP_{7}	16.2	X	152.03023	12.47694	61.51602	3.86439	0.1906834	0.17823651	3.1270747	20	5 12.9	21.2
352016 2006 VB_{8}	15.7	X	159.99543	335.08412	58.55800	27.82204	0.1573988	0.17360690	3.1824242	20	4 14.1	21.2
352017 2006 VR_{13}	16.3	X	188.53163	48.52742	344.66863	8.31210	0.0864228	0.18074077	3.0981228	20	4 21.7	21.1
352018 2006 VW_{15}	15.8	X	121.06896	290.45022	241.66570	13.39384	0.1416673	0.19084739	2.9877567	20	8 4.0	20.7
352019 2006 VA_{17}	15.9	X	107.04456	77.30602	41.63690	11.53063	0.0637297	0.17909207	3.1171077	20	5 8.9	20.4
352020 2006 VS_{17}	16.2	X	177.13316	200.72404	240.00310	9.59972	0.0772141	0.18620227	3.0372421	20	6 10.7	20.7
352021 2006 VC_{22}	16.5	X	173.53206	352.89684	54.74097	6.41767	0.1356641	0.17945746	3.1128752	20	4 29.1	21.5
352022 2006 VP_{24}	15.6	X	105.99532	52.30069	61.61350	12.83298	0.1117382	0.17649936	3.1475595	20	5 9.9	20.2
352023 2006 VP_{27}	17.1	X	182.82025	35.12865	6.20286	0.32936	0.2047409	0.18045397	3.1014046	20	4 29.5	22.4
352024 2006 VB_{30}	15.7	X	93.94233	74.21677	59.88024	27.32913	0.0983504	0.17639021	3.1488580	20	5 18.4	20.2
352025 2006 VJ_{36}	15.9	X	189.72193	320.19298	57.49695	16.63840	0.2670839	0.18069642	3.0986297	20	4 13.5	21.6
352026 2006 VM_{45}	16.0	X	150.98694	359.27943	43.11328	17.09182	0.1363177	0.17522149	3.1628443	20	4 6.8	21.1
352027 2006 VS_{54}	17.0	X	241.12669	283.84304	74.63105	2.32536	0.1960261	0.18606857	3.0386969	20	4 28.2	21.9
352028 2006 VE_{56}	17.0	X	131.87583	307.51324	145.69025	1.20113	0.1497724	0.17709444	3.1405046	20	5 15.0	21.8
352029 2006 VR_{58}	16.6	X	248.56063	279.90117	72.40277	10.53685	0.1100553	0.18439375	3.0570690	20	5 8.1	21.2
352030 2006 VR_{59}	15.7	X	117.82423	53.77904	66.34558	15.08966	0.1971630	0.17758112	3.1347640	20	6 6.4	20.7
352031 2006 VX_{67}	15.4	X	4.27866	140.75357	68.81524	15.55551	0.2062805	0.17171830	3.2057157	20	4 20.4	18.9
352032 2006 VA_{68}	16.5	X	181.27759	167.70528	235.31469	2.83815	0.2084665	0.17915300	3.1164009	20	4 30.1	21.9
352033 2006 VK_{73}	15.6	X	105.66158	77.54454	75.65748	18.64627	0.1950205	0.17804814	3.1292800	20	7 5.3	20.6
352034 2006 VN_{73}	15.7	X	233.61187	265.97805	62.88049	26.58966	0.2579030	0.17974555	3.1095481	20	3 29.4	21.5
352035 2006 VV_{80}	15.8	X	164.33064	333.58128	73.73813	9.85486	0.0919029	0.17600080	3.1535009	20	4 21.3	20.7
352036 2006 VT_{83}	15.9	X	332.93633	264.67573	41.34447	10.82667	0.2615067	0.19769384	2.9183719	20	6 14.9	18.7
352037 2006 VU_{84}	16.2	X	209.96671	95.58547	305.07995	8.62345	0.1171274	0.18558185	3.0440075	20	5 23.2	21.0
352038 2006 VK_{86}	15.7	X	233.09936	275.30085	63.72824	17.87244	0.2432100	0.18325032	3.0697727	20	4 3.7	21.2
352039 2006 VH_{87}	16.0	X	172.44195	57.88774	10.49224	5.90838	0.1700744	0.18234866	3.0798838	20	5 21.4	21.1
352040 2006 VY_{89}	16.1	X	119.88771	66.97525	48.85774	5.42076	0.1445245	0.17754321	3.1352102	20	5 29.4	21.0
352041 2006 VU_{97}	17.1	X	201.56696	85.84194	305.84814	3.79683	0.1543069	0.18256911	3.0774040	20	5 2.9	22.1
352042 2006 VV_{104}	15.9	X	156.51742	160.80634	249.78187	8.69343	0.0967500	0.17652224	3.1472875	20	4 11.2	20.8
352043 2006 VT_{107}	16.3	X	121.09750	41.37555	38.65364	7.41108	0.1477706	0.17269625	3.1936019	20	4 18.5	21.2
352044 2006 VX_{107}	16.4	X	185.62399	30.39457	5.96916	2.95329	0.2134941	0.17987952	3.1080039	20	4 25.3	21.7
352045 2006 VD_{109}	16.4	X	132.43112	45.75559	47.63450	10.67545	0.2120732	0.17664289	3.1458543	20	5 19.5	21.6
352046 2006 VA_{112}	15.5	X	224.22710	297.36458	41.67058	18.43329	0.2655932	0.18147600	3.0897493	20	3 26.2	21.1
352047 2006 VO_{129}	15.6	X	203.46946	151.98957	252.86075	15.37179	0.1142166	0.18445839	3.0563549	20	5 23.3	20.3
352048 2006 VR_{142}	16.5	X	164.74918	211.32535	197.06750	6.63389	0.2782707	0.17829077	3.1264403	20	4 26.4	22.0
352049 2006 VX_{145}	16.3	X	178.02373	127.57126	261.65744	6.22880	0.3233833	0.17891023	3.1192195	20	4 11.0	22.1
352050 2006 VH_{146}	15.8	X	160.70366	202.00729	207.84915	10.39299	0.0937297	0.17602897	3.1531644	20	4 17.0	20.6
352051 2006 VN_{152}	15.5	X	235.67929	272.61372	61.99744	11.52338	0.0832435	0.17941499	3.1133664	20	4 8.2	20.3
352052 2006 VB_{154}	15.4	X	71.35694	264.40649	235.14984	14.60510	0.0523049	0.17744417	3.1363767	20	4 16.6	19.8
352053 2006 VO_{155}	15.4	X	238.80077	6.79686	358.50004	10.13792	0.1095277	0.18660991	3.0328173	20	5 8.0	20.2
352054 2006 VT_{155}	16.1	X	237.80324	70.26432	298.23833	8.43109	0.1987178	0.18790478	3.0188682	20	5 3.5	21.1
352055 2006 VR_{173}	16.0	X	225.95036	331.26627	58.86244	10.44224	0.0715831	0.18626437	3.0365669	20	5 31.4	20.4
352056 2006 VX_{173}	15.9	X	218.29918	16.91593	348.09938	9.08519	0.1666120	0.18268230	3.0761327	20	4 13.9	21.0
352057 2006 WW_{33}	16.5	X	203.74442	298.52462	91.65310	6.28627	0.0631957	0.18168089	3.0874260	20	5 9.6	21.2
352058 2006 WG_{36}	16.5	X	144.79870	321.94972	117.00619	6.21812	0.1319482	0.17761556	3.1343589	20	5 10.7	21.5
352059 2006 WW_{36}	15.6	X	302.77487	159.48561	81.49988	12.80206	0.0290138	0.17072360	3.2181554	20	3 12.9	20.3
352060 2006 WF_{50}	16.4	X	223.75888	233.36450	152.46796	3.14774	0.1347534	0.18402572	3.0611436	20	5 19.9	21.3
352061 2006 WV_{50}	15.8	X	317.65301	220.24858	66.08512	11.31338	0.0630180	0.18191680	3.0847562	20	5 17.5	19.9
352062 2006 WA_{57}	16.6	X	162.68474	322.82290	69.76745	2.16516	0.1363185	0.17192272	3.2031740	20	4 1.7	21.6
352063 2006 WU_{58}	16.6	X	243.19976	323.60770	29.23299	9.54336	0.1456821	0.18380695	3.0635721	20	4 26.6	21.3
352064 2006 WM_{72}	16.8	X	165.29556	217.62996	252.23282	3.71566	0.1200328	0.18714812	3.0269999	20	7 4.9	21.6
352065 2006 WL_{73}	16.2	X	133.77829	348.48589	53.47593	3.07622	0.1030732	0.17023442	3.2243175	20	3 13.5	21.0
352066 2006 WM_{73}	16.4	X	135.89773	247.61686	242.51376	4.73384	0.0314499	0.18681042	3.0306468	20	6 23.9	20.7
352067 2006 WG_{85}	16.6	X	219.79194	258.28434	160.12628	2.15205	0.0845456	0.18738690	3.0244278	20	6 28.6	21.2
352068 2006 WL_{94}	16.4	X	272.37752	233.82038	125.02623	2.97001	0.0770985	0.18970914	2.9996958	20	6 16.6	20.6
352069 2006 WY_{107}	16.1	X	216.90026	136.34794	243.26849	5.41309	0.2127714	0.18368099	3.0649725	20	4 30.2	21.4
352070 2006 WH_{108}	15.2	X	96.53658	228.73557	276.46113	25.90672	0.2201485	0.17315543	3.1879535	20	6 20.2	20.0
352071 2006 WC_{111}	16.5	X	176.45765	295.37218	83.57359	4.70194	0.1938115	0.17438899	3.1729022	20	3 31.8	21.9
352072 2006 WQ_{111}	16.7	X	128.10527	352.92700	130.39342	2.19495	0.1286742	0.17949937	3.1123906	20	6 15.2	21.5
352073 2006 WW_{113}	16.1	X	169.47036	118.15482	287.91042	15.37836	0.2500533	0.17956871	3.1115893	20	4 19.7	21.9
352074 2006 WB_{116}	15.3	X	216.38079	287.50039	78.14921	16.96391	0.2829052	0.18171017	3.0870943	20	4 19.1	21.0
352075 2006 WM_{128}	16.2	X	128.54843	20.12930	60.80755	6.76767	0.2209352	0.17327957	3.1864307	20	5 3.7	21.3
352076 2006 WN_{130}	16.1	X	157.63711	189.12641	288.70358	13.12849	0.1210205	0.18840610	3.0135107	20	7 7.9	20.9
352077 2006 WU_{132}	16.3	X	115.71616	268.43457	237.56295	4.85755	0.1454438	0.18256868	3.0774088	20	7 1.7	21.0
352078 2006 WC_{149}	16.2	X	214.93438	307.50444	63.13983	11.02751	0.0844225	0.17812492	3.1283807	20	4 27.6	21.0
352079 2006 WM_{151}	15.5	X	209.53131	65.57567	254.90597	26.16876	0.2671467	0.17423911	3.1747214	20	2 5.6	21.6
352080 2006 WN_{174}	15.5	X	228.61578	110.43021	246.54936	13.03592	0.0853918	0.17861925	3.1226061	20	4 20.2	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352081 2006 WT_{187}	15.8	X	253.22204	276.33512	57.31138	10.94881	0.0786593	0.17994215	3.1072828	20	4 24.4	20.3
352082 2006 WG_{188}	16.0	X	89.10752	263.04091	254.27248	9.88697	0.1733304	0.17691735	3.1425999	20	6 20.2	20.5
352083 2006 WB_{193}	16.7	X	152.94641	3.89320	94.19630	2.52117	0.1505792	0.17977504	3.1092081	20	6 9.8	21.8
352084 2006 WH_{193}	15.6	X	18.24029	121.61820	80.56128	22.08464	0.0916755	0.17371770	3.1810708	20	5 5.9	19.9
352085 2006 WZ_{199}	15.5	X	102.48927	28.58539	70.89549	16.81054	0.0348458	0.17140871	3.2095744	20	4 14.3	20.3
352086 2006 XW_{6}	15.6	X	79.59642	62.70068	62.52602	5.74123	0.1045411	0.16925715	3.2367168	20	4 21.1	20.0
352087 2006 XY_{8}	16.5	X	189.45004	97.66387	301.92658	4.12243	0.1603982	0.17717368	3.1395681	20	5 1.6	21.6
352088 2006 XD_{11}	15.9	X	161.42170	348.50705	65.33641	11.58588	0.0425019	0.17841694	3.1249662	20	4 23.5	20.5
352089 2006 XZ_{22}	16.4	X	170.36074	323.73881	103.13512	3.44245	0.0514859	0.17842370	3.1248873	20	5 17.3	21.0
352090 2006 XU_{23}	16.2	X	283.22601	247.60711	104.11565	11.79470	0.1235920	0.19003560	2.9962594	20	6 15.3	20.3
352091 2006 XC_{31}	15.1	X	63.72305	273.56182	267.84917	17.49280	0.1090748	0.17064788	3.2191073	20	6 9.6	19.5
352092 2006 XC_{56}	15.2	X	191.27570	304.15820	109.16025	11.43077	0.0309048	0.17273293	3.1931497	20	5 26.3	19.9
352093 2006 XW_{63}	15.9	X	179.20758	321.28577	76.71779	5.94472	0.2627191	0.17610616	3.1522430	20	4 25.3	21.5
352094 2006 XM_{71}	15.3	X	184.26075	138.00903	261.58244	14.72794	0.1005599	0.17882330	3.1202303	20	4 25.2	20.4
352095 2006 XR_{71}	15.9	X	222.08116	263.40885	121.30687	10.38782	0.1006139	0.17675273	3.1445509	20	5 21.6	20.8
352096 2006 YP_{10}	15.5	X	221.15601	49.82662	299.93413	15.43792	0.1350268	0.17143145	3.2092907	20	3 26.3	20.9
352097 2006 YN_{26}	16.4	X	158.21352	22.51067	57.77074	3.34295	0.1097144	0.17485811	3.1672246	20	5 22.2	21.2
352098 2006 YD_{40}	15.7	X	178.35781	152.09660	268.98171	8.19493	0.0744580	0.17699425	3.1416896	20	5 17.6	20.5
352099 2006 YP_{45}	15.6	X	345.07594	163.57007	84.67355	21.12927	0.1083255	0.17741049	3.1367736	20	5 11.5	19.7
352100 2006 YM_{53}	15.9	X	14.52774	280.19404	303.80173	8.98983	0.0409835	0.17078013	3.2174452	20	5 15.8	20.4
352101 2007 AE_{6}	15.5	X	151.94599	162.64973	288.38936	13.29863	0.0276831	0.17533557	3.1614722	20	5 22.8	20.2
352102 2007 AG_{12}	19.5	X	193.13730	68.18278	305.43787	41.98522	0.6563526	0.32620503	2.0899807	20	3 4.2	25.2
352103 2007 AN_{20}	15.5	X	91.87413	79.75184	105.14312	26.78376	0.2042335	0.17480424	3.1678753	20	8 1.5	20.5
352104 2007 BA_{5}	15.0	X	92.40385	266.42914	311.08055	14.23236	0.2288123	0.18148981	3.0895926	20	9 7.6	20.1
352105 2007 BS_{9}	15.4	X	67.58498	219.35505	330.49665	10.04203	0.2187954	0.17234310	3.1979631	20	7 13.9	19.9
352106 2007 BB_{17}	15.3	X	71.96316	292.75939	295.34944	16.26432	0.2364626	0.18103857	3.0947244	20	8 30.1	20.1
352107 2007 BF_{20}	15.0	X	66.60727	51.26097	106.56363	22.98437	0.0427962	0.16881138	3.2424122	20	5 14.1	19.9
352108 2007 BX_{55}	14.9	X	33.09898	271.92907	316.23020	30.27279	0.1644169	0.17136221	3.2101551	20	7 10.6	19.2
352109 2007 BD_{59}	15.5	X	116.86573	150.34231	321.11703	8.25345	0.0798669	0.16927660	3.2364689	20	5 11.3	20.3
352110 2007 CM_{22}	17.8	X	120.22671	357.13963	107.92641	2.43366	0.0573173	0.31509640	2.1388176	20	5 3.6	20.1
352111 2007 CS_{55}	15.5	X	356.45337	129.02391	123.47909	6.36413	0.1264328	0.17239292	3.1973469	20	5 29.9	19.4
352112 2007 CO_{59}	15.6	X	122.82707	343.94344	168.78306	17.62012	0.1436086	0.17495665	3.1660353	20	7 15.8	20.8
352113 2007 CU_{59}	15.2	X	157.55598	306.35761	143.95800	14.56398	0.1400639	0.17316146	3.1878795	20	6 6.6	20.5
352114 2007 CG_{65}	15.6	X	303.29165	167.13269	148.85417	17.46151	0.0946811	0.17214039	3.2004732	20	6 3.4	20.2
352115 2007 DD_{32}	15.7	X	256.03542	290.09863	355.19650	9.02549	0.0648815	0.15090027	3.4941593	20	3 2.9	20.7
352116 2007 DU_{98}	18.2	X	71.44556	102.49110	9.61354	1.86446	0.0660793	0.30419446	2.1896188	20	3 2.8	20.1
352117 2007 EB_{39}	17.2	X	254.84539	134.22767	127.68570	4.23577	0.1491818	0.29077532	2.2564776	20	1 7.8	20.5
352118 2007 EK_{56}	17.4	X	212.42467	185.85202	137.30119	5.97381	0.1987867	0.29532461	2.2332446	20	2 13.3	20.8
352119 2007 EO_{139}	18.3	X	287.34911	226.94858	55.50908	4.48780	0.1554378	0.30177113	2.2013255	20	3 10.4	21.1
352120 2007 EO_{141}	15.6	X	333.81710	138.82620	195.25587	11.87106	0.0733021	0.17357961	3.1827577	20	8 7.3	20.0
352121 2007 EP_{182}	17.8	X	329.20103	271.61990	355.56540	4.10030	0.1645940	0.30341668	2.1933591	20	4 16.6	19.7
352122 2007 EU_{190}	16.8	X	245.44025	306.60032	314.63230	7.22523	0.0983320	0.28870146	2.2672708	20	1 1.1	20.1
352123 2007 EZ_{198}	15.1	X	111.16089	107.46642	95.69867	26.69408	0.2385646	0.17573647	3.1566623	20	9 25.1	20.8
352124 2007 EZ_{214}	17.2	X	125.80433	357.50745	20.43616	7.67098	0.1204894	0.28890637	2.2661986	20	1 22.8	20.1
352125 2007 EJ_{223}	17.4	X	299.90868	132.82374	84.57988	3.56193	0.1111792	0.29096481	2.2554978	20	1 3.4	20.1
352126 2007 FJ_{46}	17.8	X	268.96213	66.56492	178.85421	2.24392	0.1613649	0.28734821	2.2743836	20	—	—
352127 2007 FO_{49}	16.3	X	115.10977	207.91480	103.50544	15.88122	0.1964302	0.26275178	2.4141946	20	—	—
352128 2007 GZ_{40}	17.4	X	35.54824	109.62047	35.48768	6.51035	0.0340991	0.29402965	2.2397969	20	2 24.7	19.9
352129 2007 GO_{62}	17.1	X	271.82881	211.04965	82.35871	6.85683	0.1760184	0.29607847	2.2294522	20	3 6.3	20.3
352130 2007 GY_{65}	17.6	X	297.46480	237.07149	26.36781	9.78210	0.2174791	0.29457737	2.2370196	20	2 20.4	20.7
352131 2007 GU_{73}	15.9	X	341.95877	240.13516	63.05376	15.53792	0.1209976	0.23688921	2.5868577	20	7 18.6	18.9
352132 2007 HF_{23}	17.7	X	108.00247	235.96854	94.49295	3.39325	0.1055667	0.26809959	2.3819828	20	—	—
352133 2007 HH_{55}	17.6	X	336.15556	150.47050	118.76370	5.21131	0.1578334	0.30423175	2.1894399	20	5 10.1	19.4
352134 2007 HJ_{61}	17.8	X	172.51964	166.78609	165.50526	6.59196	0.1438443	0.28063303	2.3105225	20	1 17.6	21.2
352135 2007 HX_{68}	17.8	X	162.03338	355.83971	339.96708	2.19913	0.0959235	0.28203129	2.3028794	20	1 7.2	20.8
352136 2007 HW_{77}	17.8	X	216.68498	268.91212	97.99448	5.31481	0.0095392	0.30499542	2.1857836	20	4 23.5	20.3
352137 2007 HQ_{97}	17.5	X	311.49869	143.33401	110.92265	8.24138	0.1569529	0.29533429	2.2331958	20	3 4.8	20.1
352138 2007 JN_{8}	17.6	X	35.79019	259.88957	224.05462	5.48443	0.1196355	0.28976610	2.2617139	20	1 20.7	19.7
352139 2007 JL_{26}	17.5	X	316.45657	157.34961	94.85108	6.68705	0.1672775	0.29533047	2.2332150	20	3 7.8	20.0
352140 2007 JV_{38}	17.7	X	235.66460	263.10543	348.95537	2.49284	0.0407585	0.28187780	2.3037153	20	—	—
352141 2007 JB_{45}	17.5	X	282.00518	174.84451	90.46542	7.31620	0.1317880	0.29012279	2.2598597	20	2 14.3	20.5
352142 2007 LB_{18}	17.2	X	203.11202	334.83041	306.21554	5.90023	0.1630779	0.26890553	2.3772210	20	—	—
352143 2007 LR_{32}	17.2	X	0.46264	71.80797	266.66654	10.18443	0.5171600	0.23200856	2.6230106	20	12 18.5	19.7
352144 2007 MU_{12}	18.2	X	322.80057	8.07015	213.40530	1.31869	0.1596448	0.28547912	2.2843000	20	2 1.2	20.6
352145 2007 MC_{17}	16.9	X	153.73344	38.63348	263.93036	5.65960	0.1741701	0.26252144	2.4156066	20	—	—
352146 2007 MH_{27}	16.2	X	85.40884	276.55702	62.10785	7.65216	0.1619505	0.25395297	2.4696411	20	—	—
352147 2007 OD_{5}	17.7	X	155.88503	212.51196	90.39294	2.43532	0.1889001	0.26172683	2.4204933	20	—	—
352148 Tarcisiozani	16.7	X	319.66208	59.53518	280.25135	3.83501	0.2720708	0.22432252	2.6825890	20	7 7.2	19.0
352149 2007 PU_{7}	16.7	X	131.73461	211.56314	127.32307	8.16976	0.2002666	0.26218323	2.4176835	20	—	—
352150 2007 PA_{10}	17.1	X	219.50346	298.55637	332.59576	10.94616	0.1763682	0.26988110	2.3714888	20	—	—
352151 2007 PC_{10}	16.6	X	65.83252	164.47647	138.23157	15.94744	0.2356917	0.24253460	2.5465580	20	12 11.4	20.9
352152 2007 PZ_{22}	16.6	X	3.96956	228.97007	114.54883	6.25297	0.3083217	0.23101529	2.6305238	20	11 23.9	19.2
352153 2007 PM_{24}	16.3	X	345.70717	35.11102	302.41835	8.40339	0.2058040	0.22860941	2.6489473	20	9 11.6	18.7
352154 2007 PV_{45}	17.5	X	127.07526	347.19975	340.87750	5.92693	0.1257595	0.25764889	2.4459667	20	—	—
352155 2007 PP_{47}	13.3	X	224.41433	325.85385	153.57704	11.60192	0.0126113	0.08152095	5.2677265	20	9 15.3	20.3
352156 2007 PE_{48}	15.9	X	51.52894	213.54083	103.92272	15.26427	0.1258773	0.24127431	2.5554182	20	12 1.9	19.5
352157 2007 PB_{50}	17.4	X	298.48230	226.67644	159.22610	7.40751	0.1310127	0.22513883	2.6761006	20	8 25.1	20.5
352158 2007 QN	16.2	X	324.69425	207.20165	130.07268	15.12970	0.2679673	0.22432547	2.6825654	20	7 16.5	18.5
352159 2007 QS_{11}	17.0	X	286.11540	40.61791	331.60761	5.43410	0.2411418	0.21951543	2.7216107	20	6 28.9	20.6
352160 2007 RE	17.1	X	3.35767	47.42863	340.98359	12.41153	0.1556194	0.24247207	2.5469958	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352161 2007 RJ_{7}	16.6	X	286.36134	220.02499	165.10968	9.78077	0.2847750	0.21810722	2.7333129	20	7 8.4	20.3
352162 2007 RV_{15}	16.6	X	342.84824	140.20528	192.72439	12.83513	0.2854834	0.22758910	2.6568584	20	8 31.2	18.4
352163 2007 RO_{19}	16.2	X	356.03516	318.66150	357.69298	11.19816	0.2044623	0.22672412	2.6636116	20	9 8.9	18.4
352164 2007 RE_{24}	16.7	X	115.39172	113.98180	203.20402	5.83896	0.1313832	0.25260649	2.4784094	20	—	—
352165 2007 RL_{24}	16.3	X	318.78322	333.75512	8.77959	15.14480	0.2101631	0.22063606	2.7123874	20	7 25.5	19.3
352166 2007 RM_{29}	16.5	X	36.53551	10.43921	339.49453	26.72596	0.1568696	0.23937327	2.5689300	20	12 31.8	20.6
352167 2007 RN_{39}	17.7	X	3.80685	226.38941	141.63726	3.74240	0.2412760	0.23564498	2.5959555	20	12 16.3	20.5
352168 2007 RB_{41}	16.8	X	27.68718	200.88940	149.07248	13.89560	0.2052871	0.23883560	2.5727841	20	12 22.8	20.4
352169 2007 RE_{53}	16.6	X	259.08230	94.05764	299.16459	4.07285	0.2015543	0.21460010	2.7630120	20	6 27.9	20.7
352170 2007 RZ_{66}	17.2	X	5.70510	209.33613	331.77626	3.65173	0.1802115	0.27826211	2.3236284	20	2 17.5	19.0
352171 2007 RP_{75}	18.1	X	251.71625	81.21136	136.61742	2.09727	0.1140882	0.26125830	2.4233863	20	—	—
352172 2007 RQ_{78}	17.1	X	324.80560	207.58178	237.63123	1.60723	0.1481465	0.24312262	2.5424503	20	—	—
352173 2007 RF_{81}	16.9	X	316.07690	167.52889	225.44497	13.47437	0.2435363	0.22785189	2.6548152	20	9 23.3	19.4
352174 2007 RH_{90}	17.1	X	293.82446	261.14239	176.58878	5.68142	0.1763949	0.23085523	2.6317395	20	10 27.5	19.9
352175 2007 RT_{93}	16.6	X	270.51624	343.47236	19.10061	9.10401	0.1770844	0.21263666	2.7799946	20	6 2.8	20.6
352176 2007 RM_{114}	16.5	X	312.57309	45.08642	328.63638	5.57296	0.0465339	0.22453031	2.6809336	20	9 8.1	19.7
352177 2007 RM_{118}	16.1	X	19.50871	317.03124	12.40533	11.75254	0.1922189	0.23066953	2.6331518	20	11 5.9	19.3
352178 2007 RN_{125}	17.9	X	289.57186	214.95930	230.02542	1.85325	0.1886141	0.23129703	2.6283872	20	10 26.5	20.7
352179 2007 RP_{138}	17.0	X	290.10570	354.09578	21.89332	4.06378	0.2152837	0.21921779	2.7240737	20	7 15.0	20.3
352180 2007 RD_{143}	16.7	X	189.40203	1.92241	283.38635	5.23363	0.1150120	0.26273092	2.4143224	20	—	—
352181 2007 RL_{147}	16.2	X	311.15138	330.21199	16.48038	14.55213	0.1056248	0.22059931	2.7126887	20	7 30.7	19.7
352182 2007 RM_{165}	17.2	X	292.73984	265.93343	313.78266	3.08916	0.0824236	0.26907406	2.3762283	20	1 5.7	20.2
352183 2007 RM_{173}	16.7	X	253.87659	308.57061	128.86519	3.92064	0.1960521	0.22065453	2.7122361	20	8 20.5	20.3
352184 2007 RZ_{184}	16.6	X	322.88588	127.24378	214.85483	13.54366	0.0871208	0.21977124	2.7194984	20	8 3.4	20.2
352185 2007 RW_{189}	17.3	X	319.04789	311.38264	36.28884	3.08751	0.1187528	0.22094231	2.7098804	20	8 8.7	20.4
352186 2007 RN_{204}	16.9	X	318.95574	171.75853	224.06304	5.53994	0.1798737	0.22826231	2.6516320	20	10 13.5	19.4
352187 2007 RU_{207}	17.2	X	9.52802	213.13319	153.88648	4.05101	0.2304552	0.23561928	2.5961443	20	12 22.1	20.2
352188 2007 RF_{213}	16.4	X	298.34277	195.24389	337.75053	4.73399	0.0791229	0.25874286	2.4390674	20	—	—
352189 2007 RK_{221}	16.2	X	32.04605	263.76575	104.93719	13.86353	0.1859350	0.24079834	2.5587846	20	—	—
352190 2007 RP_{227}	16.7	X	303.35286	5.73083	30.34253	6.91376	0.0503037	0.22086110	2.7105446	20	9 27.2	20.2
352191 2007 RS_{230}	16.6	X	308.26072	62.71587	5.18431	12.00580	0.0137531	0.23609840	2.5926309	20	11 14.5	20.2
352192 2007 RD_{233}	16.4	X	304.70892	10.81459	24.74223	10.40224	0.2711421	0.22490317	2.6779697	20	9 4.9	19.0
352193 2007 RM_{243}	16.7	X	29.96997	288.99353	61.00383	5.58456	0.2202139	0.23690660	2.5867310	20	12 26.5	20.2
352194 2007 RX_{246}	16.9	X	189.91010	281.91834	8.09552	5.34321	0.2249639	0.26533371	2.3985076	20	—	—
352195 2007 RQ_{249}	16.5	X	17.06632	76.30523	302.18927	13.97759	0.1633495	0.23875255	2.5733807	20	—	—
352196 2007 RS_{272}	17.3	X	190.16526	280.36865	343.45469	5.78986	0.0625369	0.25270016	2.4777969	20	—	—
352197 2007 RF_{277}	16.0	X	310.46902	244.52513	125.78452	13.90378	0.2805171	0.22398639	2.6852721	20	8 2.1	18.2
352198 2007 RT_{283}	17.1	X	27.64863	303.80666	6.70584	2.25534	0.1743569	0.23348707	2.6119258	20	10 24.5	20.2
352199 2007 RF_{284}	17.4	X	301.39910	43.07901	36.57632	3.50761	0.1378412	0.23338081	2.6127185	20	11 16.3	20.2
352200 2007 RZ_{284}	17.5	X	23.60709	281.67708	91.96566	1.28210	0.0328522	0.23932192	2.5692975	20	12 21.5	20.8
352201 2007 RA_{288}	17.6	X	89.92674	235.71722	76.00397	3.91238	0.1136354	0.24173920	2.5521410	20	—	—
352202 2007 RY_{289}	16.9	X	314.73905	98.64369	218.85895	12.30411	0.1983559	0.21058519	2.7980201	20	6 5.1	20.1
352203 2007 RF_{291}	15.9	X	213.60526	62.17080	52.96611	17.69038	0.1178005	0.21226640	2.7832265	20	9 11.2	20.4
352204 2007 RR_{295}	16.7	X	233.01645	292.86330	208.99052	12.94970	0.1231892	0.22846534	2.6500607	20	10 29.1	20.2
352205 2007 RH_{311}	16.8	X	355.24564	236.31547	135.32524	12.79800	0.1866516	0.23521981	2.5990828	20	11 30.5	19.8
352206 2007 RV_{312}	16.7	X	300.67329	236.72591	105.11181	4.54422	0.2064928	0.21688636	2.7435606	20	6 14.3	19.9
352207 2007 RZ_{315}	17.2	X	48.78009	345.78527	344.20460	10.61155	0.1702771	0.23863478	2.5742273	20	12 16.6	21.1
352208 2007 SV_{10}	17.2	X	354.47660	331.00559	29.81915	8.43114	0.1815271	0.23129705	2.6283870	20	11 7.0	19.7
352209 2007 SH_{11}	16.1	X	65.61266	43.89687	300.38081	13.82182	0.0776891	0.24034173	2.5620244	20	—	—
352210 2007 SB_{12}	16.7	X	359.71530	298.56858	40.14372	12.32697	0.3135145	0.22921824	2.6442546	20	11 6.2	19.0
352211 2007 SZ_{12}	17.2	X	301.76226	159.29475	260.54270	2.92468	0.0862935	0.22976439	2.6400627	20	10 22.6	20.3
352212 2007 SE_{22}	16.7	X	270.78963	102.04345	358.80809	8.98230	0.0542115	0.23176437	2.6248527	20	11 2.3	20.2
352213 2007 TW_{2}	16.7	X	39.05699	319.48589	16.46571	7.48614	0.1547382	0.23601698	2.5932271	20	12 9.1	20.2
352214 2007 TY_{4}	17.5	X	315.01490	233.20723	169.11000	0.59600	0.2092650	0.22840606	2.6505193	20	10 14.0	19.7
352215 2007 TN_{18}	16.7	X	293.92151	304.82024	81.25526	7.25522	0.2432735	0.21877210	2.7277722	20	7 31.5	19.8
352216 2007 TJ_{20}	17.2	X	334.27074	28.99008	359.30572	5.43876	0.2101321	0.22916751	2.6446448	20	11 5.8	19.6
352217 2007 TJ_{24}	17.0	X	345.33263	129.33393	177.08336	7.30436	0.2835224	0.22091884	2.7100723	20	7 22.0	18.8
352218 2007 TP_{30}	16.1	X	69.37106	217.38492	35.53377	14.19183	0.1414717	0.22148361	2.7054634	20	10 2.2	20.0
352219 2007 TZ_{31}	16.4	X	322.98167	317.36281	53.87323	16.63351	0.1734041	0.22594942	2.6696965	20	9 26.8	19.4
352220 2007 TB_{33}	16.9	X	203.06001	123.85200	30.50443	3.90738	0.0400520	0.22548532	2.6733585	20	10 18.9	20.4
352221 2007 TC_{34}	16.3	X	267.12592	17.39768	32.62851	13.74099	0.1769795	0.21597757	2.7512514	20	8 8.9	20.3
352222 2007 TQ_{35}	14.7	X	77.63107	229.19976	51.70655	32.73885	0.2340299	0.22970470	2.6405200	20	11 18.8	18.9
352223 2007 TD_{56}	17.0	X	249.64647	33.28429	26.42493	8.28699	0.2134298	0.21326375	2.7745424	20	7 22.4	21.2
352224 2007 TZ_{63}	17.1	X	236.21357	309.15043	167.47397	2.08902	0.0231810	0.22367037	2.6878008	20	10 14.3	20.7
352225 2007 TB_{65}	16.4	X	337.26539	296.07014	55.19196	7.06841	0.0532985	0.21957400	2.7211267	20	9 18.6	19.8
352226 2007 TT_{65}	18.2	X	21.71249	75.39401	15.27487	22.02557	0.1369484	0.40640106	1.8050926	20	—	—
352227 2007 TV_{66}	17.4	X	282.55937	278.75486	136.33809	3.49815	0.1467634	0.22216714	2.6999113	20	9 7.7	20.7
352228 2007 TF_{67}	16.1	X	274.77148	192.65242	229.35874	9.25784	0.2330809	0.21977954	2.7194300	20	8 16.6	19.9
352229 2007 TD_{70}	17.4	X	343.08699	38.60137	331.22614	1.18895	0.1774794	0.22881677	2.6473467	20	10 27.7	20.0
352230 2007 TD_{73}	17.5	X	342.18383	17.78403	0.34274	1.25972	0.0856143	0.23004905	2.6378844	20	11 1.0	20.5
352231 2007 TL_{78}	16.8	X	275.24367	63.23069	3.96040	4.75241	0.1837606	0.22138561	2.7062617	20	9 7.1	20.2
352232 2007 TJ_{79}	16.9	X	149.90348	268.98923	1.42036	3.37594	0.0902225	0.24196646	2.5505427	20	—	—
352233 2007 TP_{82}	17.4	X	300.49725	257.60846	198.88992	5.92669	0.1271138	0.23694397	2.5864591	20	12 11.2	20.1
352234 2007 TR_{82}	17.5	X	256.31218	234.59980	329.10675	1.92312	0.1296532	0.25442143	2.4666087	20	—	—
352235 2007 TW_{107}	16.4	X	49.63785	322.14474	12.23412	7.85847	0.0825278	0.23700583	2.5860090	20	12 10.1	20.0
352236 2007 TO_{111}	17.2	X	54.92800	17.62353	317.66440	5.80041	0.2048774	0.23961368	2.5672115	20	—	—
352237 2007 TY_{125}	17.0	X	308.54246	162.65221	217.41132	1.54118	0.1456425	0.22072957	2.7116213	20	8 31.7	19.8
352238 2007 TB_{132}	16.6	X	297.94277	310.01766	44.15019	4.00642	0.1290913	0.21363478	2.7713290	20	7 10.2	19.9
352239 2007 TV_{134}	18.1	X	38.77790	214.06131	150.25198	1.72319	0.1277359	0.24323999	2.5416324	20	—	—
352240 2007 TZ_{136}	16.4	X	352.65845	53.19758	291.54470	11.59009	0.2283879	0.22827656	2.6515216	20	10 8.9	19.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352241 2007 TS_{137}	17.6	X	307.19656	324.23926	18.31361	20.72739	0.0656109	0.36885279	1.9256056	20	8 15.4	19.8
352242 2007 TG_{139}	16.7	X	333.97652	4.07321	0.24109	5.08051	0.2360261	0.22501295	2.6770986	20	9 29.0	18.5
352243 2007 TW_{142}	16.7	X	328.08988	73.41080	306.23864	5.22293	0.2203960	0.22600433	2.6692641	20	10 5.7	19.1
352244 2007 TO_{143}	16.7	X	254.61343	54.81662	0.75897	4.87907	0.1135336	0.21850337	2.7300082	20	8 5.2	20.5
352245 2007 TO_{150}	16.6	X	303.01211	204.36014	203.74231	14.11633	0.1687294	0.22753535	2.6572768	20	9 28.7	19.3
352246 2007 TB_{161}	16.2	X	257.63013	191.99813	215.80470	15.11897	0.0851577	0.21504488	2.7592008	20	7 27.2	20.4
352247 2007 TQ_{162}	16.1	X	200.43401	188.77872	35.77136	9.28427	0.1212912	0.24450800	2.5328375	20	—	—
352248 2007 TJ_{163}	16.7	X	331.96585	304.81854	66.66440	2.81258	0.0926716	0.22518277	2.6757526	20	10 6.7	19.8
352249 2007 TC_{165}	15.8	X	310.04474	92.20286	276.20421	5.04211	0.0365449	0.21809765	2.7333929	20	8 26.6	19.4
352250 2007 TC_{168}	16.8	X	229.18283	177.42051	254.37737	3.24179	0.1865044	0.21232636	2.7827025	20	7 16.7	21.2
352251 2007 TV_{169}	16.9	X	293.03912	357.19590	70.28030	5.90659	0.1598173	0.22614404	2.6681646	20	10 13.6	19.8
352252 2007 TF_{172}	16.2	X	338.98171	287.81426	54.36800	9.12316	0.1670836	0.22193716	2.7017762	20	9 11.4	19.0
352253 2007 TB_{174}	16.6	X	287.54848	189.13055	192.54720	11.25589	0.1023628	0.21711522	2.7416323	20	8 2.1	20.3
352254 2007 TJ_{178}	16.7	X	6.16391	121.56154	249.38425	3.63953	0.1716565	0.23186149	2.6241196	20	12 11.6	19.6
352255 2007 TZ_{180}	16.8	X	325.94081	310.15990	87.90730	4.67847	0.1121636	0.22960544	2.6412809	20	11 4.1	19.7
352256 2007 TS_{186}	16.9	X	325.40029	313.27019	61.34595	6.91556	0.1590443	0.22462850	2.6801524	20	9 30.4	19.6
352257 2007 TQ_{188}	18.0	X	5.55649	37.37436	338.03489	4.03272	0.1289534	0.23843250	2.5756831	20	12 11.8	21.0
352258 2007 TF_{195}	16.8	X	64.34376	269.55127	32.49949	6.07081	0.0542114	0.23005163	2.6378646	20	11 11.9	20.4
352259 2007 TG_{201}	17.3	X	345.66258	184.08973	196.31048	1.48494	0.1002496	0.22909863	2.6451749	20	11 11.3	20.2
352260 2007 TR_{209}	17.0	X	41.10539	328.00757	356.51074	6.93154	0.1707827	0.23422304	2.6064515	20	11 28.5	20.6
352261 2007 TY_{213}	16.5	X	75.78502	73.59460	230.32982	10.07275	0.1096775	0.23322098	2.6139120	20	12 6.1	20.4
352262 2007 TU_{214}	17.0	X	291.37682	19.48572	355.83322	4.47320	0.1384503	0.21511794	2.7585761	20	7 28.9	20.5
352263 2007 TT_{215}	17.1	X	298.35110	55.13595	350.37773	3.34128	0.1144088	0.22168767	2.7038029	20	9 23.3	20.2
352264 2007 TG_{222}	17.3	X	56.93830	171.19665	150.10521	1.96993	0.1851779	0.23636938	2.5906490	20	12 16.4	21.2
352265 2007 TJ_{247}	16.4	X	344.42367	318.60072	67.46699	10.57181	0.1008487	0.22808746	2.6529869	20	11 17.5	19.3
352266 2007 TM_{250}	17.3	X	165.38883	250.99626	9.75361	11.91979	0.0991306	0.24594782	2.5229427	20	—	—
352267 2007 TM_{266}	16.5	X	342.12255	282.17246	61.59632	11.81038	0.1348089	0.22158139	2.7046674	20	9 21.4	19.6
352268 2007 TB_{269}	16.4	X	306.07665	348.33293	47.49141	3.19465	0.0905476	0.22425633	2.6831168	20	9 27.4	19.6
352269 2007 TD_{270}	17.0	X	220.82581	169.51811	270.46827	3.44264	0.0278592	0.21340051	2.7733568	20	8 3.5	20.8
352270 2007 TX_{278}	16.1	X	79.20310	59.52602	211.46791	13.35619	0.0864892	0.22956122	2.6416201	20	10 26.3	19.9
352271 2007 TC_{284}	16.7	X	9.48793	41.99038	329.87898	7.51662	0.1012060	0.24218281	2.5490235	20	12 9.7	19.9
352272 2007 TQ_{285}	17.5	X	297.00308	15.44593	62.92843	3.12754	0.0508727	0.23264490	2.6182254	20	11 14.1	20.7
352273 2007 TF_{298}	16.7	X	300.14848	5.94299	22.56103	4.04524	0.1863015	0.21823681	2.7322307	20	8 24.9	19.7
352274 2007 TZ_{306}	17.2	X	341.91289	12.03673	20.16359	12.71176	0.0920682	0.23291130	2.6162285	20	11 17.8	20.3
352275 2007 TV_{310}	16.4	X	301.84341	202.56848	163.35403	4.48598	0.1097023	0.21771288	2.7366125	20	8 3.8	19.7
352276 2007 TQ_{322}	16.9	X	212.35288	53.87254	165.67425	5.77968	0.1257710	0.24406182	2.5359235	20	—	—
352277 2007 TZ_{337}	16.6	X	351.70005	279.87291	90.72859	5.46854	0.2034930	0.22930057	2.6436216	20	11 20.3	19.1
352278 2007 TZ_{350}	17.1	X	334.52706	339.81059	68.80408	2.39321	0.1484186	0.23803531	2.5785474	20	12 7.3	19.4
352279 2007 TS_{353}	17.7	X	301.98968	42.98073	20.64892	5.97246	0.2189500	0.22967459	2.6407508	20	10 15.8	20.1
352280 2007 TT_{371}	17.0	X	287.84664	183.23377	246.14512	4.08472	0.1169730	0.22850984	2.6497167	20	10 9.0	20.0
352281 2007 TO_{372}	16.1	X	16.04884	1.11346	344.00659	12.14676	0.1861420	0.23079214	2.6322191	20	11 20.1	19.5
352282 2007 TR_{372}	17.0	X	313.17974	337.67973	68.94222	3.11923	0.0873617	0.23040193	2.6351902	20	10 25.2	20.0
352283 2007 TN_{377}	16.2	X	59.15742	20.56817	231.19612	7.78497	0.0391706	0.21365385	2.7711640	20	8 23.6	20.1
352284 2007 TX_{378}	16.4	X	6.71183	317.22758	23.86455	14.82772	0.1000448	0.22974083	2.6402431	20	10 21.4	19.4
352285 2007 TQ_{388}	17.3	X	332.66429	312.29118	130.67230	2.15973	0.1649791	0.23851375	2.5750980	20	—	—
352286 2007 TR_{392}	16.7	X	340.68176	308.77156	62.44084	7.15716	0.1758773	0.22696732	2.6617085	20	10 26.8	19.3
352287 2007 TM_{396}	16.2	X	133.87677	2.67526	237.97759	10.53247	0.1074242	0.23172431	2.6251552	20	11 17.4	20.0
352288 2007 TS_{399}	16.6	X	255.19077	104.39802	290.19298	3.65518	0.0507569	0.21017018	2.8017023	20	7 16.0	20.4
352289 2007 TU_{411}	16.4	X	75.39406	304.86589	354.23178	21.73096	0.0492670	0.23421773	2.6064908	20	11 13.5	20.5
352290 2007 TY_{413}	16.7	X	203.63291	314.44774	131.45312	10.53922	0.2004740	0.20857379	2.8159800	20	7 9.7	21.5
352291 2007 TZ_{413}	17.2	X	274.79970	270.71019	128.40288	9.92395	0.2171319	0.21685767	2.7438026	20	7 22.8	20.7
352292 2007 TG_{419}	17.2	X	343.03215	297.88397	54.85730	6.74783	0.2386990	0.22593274	2.6698279	20	10 8.8	19.3
352293 2007 TR_{419}	16.5	X	1.36917	275.90471	127.11825	15.04586	0.1732238	0.23984591	2.5655541	20	—	—
352294 2007 TG_{421}	16.1	X	358.45895	269.59813	98.89467	15.11156	0.1336485	0.23134676	2.6280105	20	11 24.1	19.3
352295 2007 TG_{426}	16.9	X	295.38109	27.87593	56.53055	4.87697	0.0831713	0.23219940	2.6215732	20	11 17.0	19.7
352296 2007 TW_{426}	17.5	X	239.78772	36.23762	72.25292	3.17899	0.1601912	0.22314200	2.6920420	20	9 19.7	21.2
352297 2007 TW_{429}	16.7	X	4.35515	212.02863	125.54883	5.34837	0.1979267	0.22635021	2.6665442	20	10 28.2	19.5
352298 2007 TT_{434}	15.9	X	271.00477	294.29723	76.43363	15.32337	0.2276974	0.21336483	2.7736660	20	6 8.5	19.9
352299 2007 TB_{441}	17.0	X	285.57568	268.36783	111.67343	8.65029	0.2393614	0.21576876	2.7530262	20	7 8.5	20.6
352300 2007 TO_{442}	15.9	X	280.03941	317.80045	71.39731	7.63859	0.0678150	0.21576336	2.7530721	20	8 12.6	19.6
352301 2007 TV_{444}	17.0	X	340.12061	282.70101	114.67764	3.46766	0.1267270	0.23119410	2.6291673	20	11 28.4	19.7
352302 2007 TO_{448}	16.5	X	233.84046	147.26016	277.75273	9.09182	0.1067059	0.21299360	2.7768879	20	7 20.9	20.5
352303 2007 TF_{453}	15.4	X	223.66513	275.68986	84.62375	11.04497	0.0705903	0.18624226	3.0368072	20	4 26.6	20.0
352304 2007 UT_{5}	15.2	X	18.33516	284.40908	240.41074	25.16790	0.2232438	0.17725796	3.1385728	20	2 28.8	19.1
352305 2007 UF_{8}	16.2	X	333.64228	76.98226	327.74352	10.95949	0.1244522	0.23086528	2.6316632	20	11 23.1	19.3
352306 2007 UB_{15}	17.2	X	297.02478	272.95844	159.21576	1.11650	0.1898625	0.22967557	2.6407433	20	10 22.5	19.7
352307 2007 UT_{25}	17.0	X	331.58504	166.69134	217.59966	5.70975	0.0536913	0.22393529	2.6856806	20	10 21.3	20.2
352308 2007 UE_{36}	17.3	X	64.48048	210.32829	132.26080	3.68713	0.1628294	0.24286604	2.5442407	20	—	—
352309 2007 UZ_{46}	16.7	X	270.99623	214.38613	194.85613	6.49736	0.1751279	0.21529140	2.7570942	20	8 5.1	20.5
352310 2007 UM_{47}	16.1	X	280.91295	348.69942	86.16106	13.00906	0.1594555	0.22309202	2.6924441	20	10 7.7	19.6
352311 2007 UP_{59}	16.8	X	323.54122	318.12343	43.28690	11.08306	0.1608854	0.21984691	2.7188744	20	9 8.5	19.8
352312 2007 UE_{62}	16.9	X	199.97588	182.34570	16.57899	7.10119	0.0954585	0.23960478	2.5672750	20	12 5.8	20.7
352313 2007 UP_{74}	17.0	X	304.01007	311.91204	33.15969	4.78553	0.0151851	0.21117971	2.7927663	20	7 22.6	20.7
352314 2007 UR_{79}	17.0	X	191.99079	143.07760	44.32444	10.41025	0.0360500	0.22812155	2.6527226	20	11 16.5	20.8
352315 2007 UF_{81}	16.9	X	254.44238	295.79436	192.43306	12.26617	0.2150100	0.22902827	2.6457166	20	10 26.2	20.4
352316 2007 US_{82}	17.1	X	84.50710	241.09591	27.17383	2.12978	0.0264526	0.22421436	2.6834516	20	10 20.7	20.6
352317 2007 UE_{86}	16.7	X	26.47077	285.72715	69.60539	5.22241	0.1510333	0.23196896	2.6233091	20	12 17.1	19.9
352318 2007 UM_{91}	17.0	X	30.19359	300.01612	42.73355	3.35243	0.0208840	0.22742304	2.6581515	20	11 15.5	20.6
352319 2007 UZ_{103}	16.7	X	312.67321	133.54677	202.60381	3.75124	0.1130347	0.20876943	2.8142204	20	7 9.5	20.2
352320 2007 UN_{106}	16.7	X	327.90989	288.51770	24.41242	3.29927	0.1520771	0.21087088	2.7954924	20	6 29.8	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352321 2007 UG_{109}	16.7	X	3.95383	127.10233	222.64301	5.15494	0.0377090	0.22451084	2.6810887	20	10 21.3	20.0
352322 2007 UQ_{113}	17.2	X	259.03449	37.86234	71.17781	2.64964	0.0424593	0.22573267	2.6714052	20	11 1.1	20.6
352323 2007 UB_{114}	17.2	X	208.10539	118.73166	30.76842	8.61554	0.2044603	0.21884505	2.7271659	20	10 3.0	21.5
352324 2007 UN_{116}	16.8	X	106.49702	235.94877	55.01328	9.55905	0.1567261	0.23767734	2.5811358	20	12 24.4	21.0
352325 2007 US_{123}	16.4	X	325.11845	314.28170	89.61143	9.00799	0.1101376	0.22949325	2.6421417	20	11 11.9	19.3
352326 2007 UX_{126}	16.6	X	179.36525	97.16461	66.08999	10.01649	0.0631985	0.21818658	2.7326501	20	10 4.2	20.7
352327 2007 UB_{128}	15.7	X	31.26458	130.38301	50.42257	10.78797	0.0944884	0.18754812	3.0226944	20	4 21.2	19.4
352328 2007 UC_{129}	16.9	X	167.38688	308.56998	245.84758	6.05231	0.0638414	0.22140399	2.7061119	20	10 23.9	20.9
352329 2007 UW_{130}	16.6	X	17.01437	125.47546	203.82322	4.32733	0.0584656	0.22051848	2.7133515	20	10 14.8	20.0
352330 2007 UM_{136}	16.9	X	323.26335	293.00266	188.37054	5.70756	0.2119961	0.24000348	2.5644310	20	—	—
352331 2007 UY_{139}	15.9	X	52.31884	189.02992	76.39279	12.43310	0.0777146	0.21287831	2.7778904	20	9 18.3	19.9
352332 2007 UB_{142}	16.2	X	245.37080	325.11411	61.87486	3.03258	0.0795598	0.20402574	2.8576743	20	6 19.1	20.4
352333 Sylvievauclair	16.6	X	315.43643	6.26991	357.74776	10.08322	0.2456310	0.21769808	2.7367365	20	8 12.7	19.2
352334 2007 VL_{7}	16.2	X	237.69548	297.37841	108.79583	13.76289	0.1327301	0.21108251	2.7936235	20	6 29.1	20.5
352335 2007 VV_{12}	16.6	X	278.14036	126.16867	257.24577	8.10933	0.2404162	0.21336819	2.7736369	20	7 1.9	20.3
352336 2007 VC_{14}	16.9	X	245.38065	62.78631	48.40442	4.66519	0.0497585	0.22539314	2.6740873	20	10 16.1	20.5
352337 2007 VG_{28}	16.4	X	7.02964	258.40526	129.29345	13.45012	0.1760193	0.23431377	2.6057786	20	—	—
352338 2007 VS_{44}	16.8	X	299.67178	120.49988	279.33163	5.24799	0.0889498	0.22064410	2.7123215	20	9 17.5	20.3
352339 2007 VG_{47}	17.0	X	191.94159	90.98410	23.24483	9.09877	0.1118574	0.21021430	2.8013102	20	8 11.8	21.4
352340 2007 VA_{58}	17.0	X	295.94212	230.30648	177.76458	5.55524	0.0287675	0.21982684	2.7190398	20	10 2.9	20.5
352341 2007 VK_{66}	16.5	X	187.25067	134.21510	68.52483	14.75031	0.0900628	0.22952491	2.6418987	20	11 26.5	20.4
352342 2007 VA_{74}	17.1	X	236.19717	87.50919	38.58626	7.43235	0.1914399	0.22503930	2.6768897	20	10 4.7	21.0
352343 2007 VO_{75}	17.5	X	241.95696	26.34486	88.42809	2.28661	0.0798055	0.22265727	2.6959477	20	10 11.3	21.0
352344 2007 VL_{85}	17.0	X	353.77003	120.83559	255.84043	6.92001	0.2025503	0.23148336	2.6269766	20	12 2.4	19.6
352345 2007 VA_{86}	17.1	X	33.41771	32.64911	313.83511	3.60566	0.1601483	0.23411359	2.6072637	20	12 16.8	20.6
352346 2007 VX_{100}	16.6	X	346.29823	306.05619	42.52070	5.60249	0.1317171	0.21887448	2.7269215	20	9 30.3	19.5
352347 2007 VW_{105}	16.9	X	269.99317	150.12992	251.04620	3.75491	0.1230865	0.21285684	2.7780772	20	8 1.5	20.6
352348 2007 VB_{108}	16.5	X	185.25160	149.57339	237.72232	7.32001	0.1252590	0.19281520	2.9673940	20	4 12.4	21.2
352349 2007 VG_{110}	17.1	X	247.36392	92.20843	285.51289	1.01041	0.0823099	0.20294833	2.8677793	20	6 9.1	21.3
352350 2007 VT_{124}	16.2	X	222.03737	40.55533	55.84136	8.30436	0.1880315	0.21031633	2.8004042	20	8 13.4	20.7
352351 2007 VQ_{133}	16.9	X	306.45393	108.70618	281.86030	6.41556	0.1443657	0.22092022	2.7100611	20	9 9.2	19.9
352352 2007 VN_{136}	17.6	X	95.01446	275.68345	34.13904	3.60566	0.1330561	0.24008157	2.5638749	20	—	—
352353 2007 VW_{166}	16.5	X	259.04441	317.66256	56.53602	9.71333	0.0505686	0.20366305	2.8610661	20	6 23.2	20.5
352354 2007 VY_{167}	16.9	X	337.44046	303.95886	50.14227	6.56137	0.0750548	0.21584911	2.7523429	20	9 21.7	20.2
352355 2007 VX_{170}	16.4	X	197.29055	263.89254	268.35293	7.65897	0.0672837	0.22528114	2.6749736	20	10 29.4	20.3
352356 2007 VB_{183}	16.6	X	259.51477	52.01010	5.45404	7.60521	0.1877283	0.21397286	2.7684090	20	8 3.8	20.5
352357 2007 VA_{185}	16.4	X	334.94073	325.03596	60.72810	6.69350	0.0684026	0.22462305	2.6801957	20	10 30.7	19.5
352358 2007 VO_{190}	16.8	X	2.98004	261.23340	75.95792	9.46036	0.2119803	0.22421030	2.6834840	20	10 27.8	19.6
352359 2007 VP_{190}	16.7	X	224.93684	71.97573	67.06531	14.38887	0.0867559	0.22233317	2.6985671	20	10 24.7	20.6
352360 2007 VX_{203}	16.5	X	212.12460	91.94905	73.98100	12.23321	0.2203841	0.22261461	2.6962921	20	10 28.1	20.9
352361 2007 VD_{205}	17.1	X	213.50353	139.95014	50.50976	3.66946	0.1175350	0.23397709	2.6082777	20	12 7.6	20.6
352362 2007 VJ_{206}	17.0	X	162.70492	272.58931	222.91660	2.70363	0.0347296	0.21117653	2.7927943	20	8 3.5	21.0
352363 2007 VH_{210}	17.6	X	324.40899	337.40611	79.43319	2.29618	0.0445455	0.23341191	2.6124864	20	11 25.8	20.9
352364 2007 VN_{214}	17.5	X	274.12510	18.98826	90.07351	6.08653	0.0256572	0.30677330	2.1773304	20	12 14.4	19.8
352365 2007 VB_{216}	16.6	X	278.06976	5.10990	36.91104	5.28177	0.1149888	0.21473309	2.7618711	20	8 19.5	20.1
352366 2007 VO_{216}	16.9	X	332.78889	94.61048	276.67704	1.60951	0.0845556	0.22061256	2.7125801	20	10 4.5	20.1
352367 2007 VS_{233}	16.5	X	294.73271	92.16371	64.13599	13.49058	0.2776122	0.23535461	2.5980903	20	—	—
352368 2007 VR_{242}	16.6	X	327.13850	91.47144	294.12253	10.99928	0.1977112	0.22562415	2.6722617	20	10 8.9	19.3
352369 2007 VH_{243}	16.1	X	106.39299	183.18821	328.46839	5.77706	0.0965146	0.18242131	3.0790660	20	6 23.8	20.6
352370 2007 VG_{244}	17.0	X	221.07171	109.61326	34.35747	9.47084	0.1708475	0.22192106	2.7019068	20	10 12.3	21.0
352371 2007 VL_{254}	15.9	X	190.67702	257.93651	108.34810	13.49428	0.1520732	0.19011551	2.9954197	20	3 31.6	21.0
352372 2007 VA_{255}	17.4	X	341.98386	37.75641	338.93854	2.79055	0.1119882	0.23265797	2.6181273	20	10 31.2	20.2
352373 2007 VG_{260}	15.8	X	273.03067	30.85913	62.82257	22.60390	0.0808324	0.22544388	2.6736861	20	11 1.6	19.4
352374 2007 VM_{263}	16.3	X	218.16843	270.88483	263.31890	5.35318	0.1187363	0.22640703	2.6660980	20	11 20.7	20.0
352375 2007 VM_{269}	16.5	X	263.63357	330.97403	101.22839	6.56389	0.1406644	0.21675195	2.7446947	20	9 5.4	20.2
352376 2007 VF_{278}	16.7	X	163.35127	179.49095	70.73006	4.44295	0.1849905	0.23740847	2.5830843	20	12 25.0	21.0
352377 2007 VL_{286}	16.2	X	177.74474	30.70664	60.82877	8.60104	0.0841803	0.19860632	2.9094262	20	6 25.0	20.6
352378 2007 VW_{294}	15.5	X	128.29179	340.53876	130.13279	17.78488	0.1609652	0.18006885	3.1058250	20	6 6.1	20.7
352379 2007 VD_{298}	16.3	X	61.65660	198.29057	120.41311	15.76341	0.0722894	0.23246372	2.6195856	20	12 6.6	20.2
352380 2007 VE_{299}	16.5	X	242.07903	295.34346	103.03543	6.16429	0.1261583	0.20823035	2.8190754	20	6 24.5	20.6
352381 2007 VF_{304}	16.1	X	258.85242	289.33333	150.52736	14.35137	0.0637567	0.21690868	2.7433724	20	9 20.7	19.8
352382 2007 VU_{309}	16.2	X	197.50908	87.60511	300.78173	7.26594	0.0896251	0.18769825	3.0210824	20	4 24.9	21.0
352383 2007 VN_{318}	17.2	X	253.52805	42.80395	23.96923	2.21269	0.1285469	0.21378963	2.7699906	20	8 15.4	21.0
352384 2007 VZ_{323}	16.6	X	315.84043	337.69219	51.21842	6.93298	0.0603588	0.22372774	2.6873413	20	10 6.7	19.9
352385 2007 VD_{328}	16.4	X	339.86651	85.00242	278.65059	10.88612	0.1229582	0.22141517	2.7060208	20	10 1.2	19.6
352386 2007 VO_{331}	16.8	X	269.78204	11.65987	75.15966	5.43629	0.0837494	0.21955900	2.7212507	20	10 12.5	20.3
352387 2007 VP_{331}	16.4	X	253.49289	259.48152	117.55284	3.17482	0.0812828	0.20311573	2.8662034	20	6 16.0	20.4
352388 2007 WB_{6}	16.4	X	226.90024	71.18986	26.15699	8.23383	0.2859032	0.21103510	2.7940419	20	8 10.5	21.2
352389 2007 WP_{8}	15.4	X	100.30242	168.11729	259.70063	16.81660	0.2252162	0.17927063	3.1150376	20	3 12.8	20.3
352390 2007 WK_{11}	16.6	X	20.03096	239.99885	89.57696	12.09816	0.2300228	0.22622884	2.6674978	20	11 18.4	19.8
352391 2007 WG_{15}	16.1	X	120.64807	333.82476	234.98305	11.37586	0.1094628	0.21318475	2.7752277	20	9 18.9	20.5
352392 2007 WM_{22}	17.2	X	230.92540	80.64178	1.74883	4.54693	0.1390934	0.21266339	2.7797617	20	8 8.1	21.4
352393 2007 WV_{36}	17.0	X	220.80431	195.41444	295.85318	5.34864	0.0615229	0.21874996	2.7279562	20	10 4.1	20.9
352394 2007 WQ_{38}	16.8	X	276.26851	35.63504	32.18772	6.52660	0.1050723	0.21751979	2.7382317	20	9 22.7	20.2
352395 2007 WM_{51}	16.9	X	209.51388	179.48031	232.72761	11.82617	0.1270554	0.20116610	2.8846924	20	6 7.2	21.5
352396 2007 WG_{56}	16.2	X	265.07816	333.07782	78.49279	15.02809	0.1224360	0.21106883	2.7937443	20	8 14.9	20.2
352397 2007 WS_{62}	15.9	X	166.81134	347.03343	74.74064	10.11839	0.1226473	0.18617288	3.0375617	20	5 10.4	20.8
352398 2007 WA_{63}	16.1	X	340.65548	204.58671	100.14122	12.38957	0.1154871	0.20033023	2.8927111	20	7 13.7	19.3
352399 2007 XY_{1}	16.4	X	0.62238	257.22055	72.16116	7.20517	0.0301353	0.21562091	2.7542845	20	9 22.1	20.1
352400 2007 XM_{5}	16.9	X	195.15363	98.88733	63.01147	4.20967	0.1310326	0.21713865	2.7414350	20	10 11.1	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352401 2007 XS_9	16.4	X	294.40998	312.53442	79.32743	5.78070	0.0851730	0.21393466	2.7687385	20	9 4.0	19.9
352402 2007 XS_{14}	16.5	X	238.50146	176.37926	276.44893	2.78919	0.0695176	0.21330203	2.7742104	20	9 5.8	20.4
352403 2007 XU_{14}	17.0	X	192.07678	125.64546	54.77197	2.55116	0.1562407	0.21892496	2.7265022	20	10 27.9	21.4
352404 2007 XC_{19}	16.8	X	288.80503	48.46709	346.28962	4.24489	0.1372251	0.21624016	2.7490237	20	8 20.7	20.0
352405 2007 XJ_{26}	16.0	X	165.61817	291.04584	259.19544	11.88155	0.1035939	0.22100162	2.7093955	20	10 12.4	20.4
352406 2007 XG_{30}	16.3	X	270.92206	343.72345	80.98913	13.26342	0.0830587	0.21640000	2.7476698	20	9 19.4	20.2
352407 2007 XC_{40}	14.9	X	69.21641	195.62940	296.92212	24.89040	0.1318156	0.17740296	3.1368625	20	4 3.9	19.7
352408 2007 XG_{41}	15.8	X	204.56961	309.11235	81.61015	11.19891	0.1256680	0.19130372	2.9830036	20	5 9.6	20.6
352409 2007 XH_{41}	15.6	X	158.17525	94.21371	287.86520	19.75466	0.2256574	0.18113505	3.0936253	20	3 8.8	21.2
352410 2007 XJ_{42}	15.8	X	17.43767	62.28435	129.63600	17.31753	0.1602127	0.17267128	3.1939098	20	4 22.8	19.8
352411 2007 XF_{52}	16.5	X	248.13334	34.74464	43.08441	4.63810	0.0793657	0.21185831	2.7867995	20	8 31.6	20.3
352412 2007 XX_{52}	16.5	X	161.30404	30.73716	117.81248	18.75498	0.0560366	0.19866154	2.9088870	20	8 21.4	20.9
352413 2007 XZ_{52}	15.8	X	268.53629	148.99318	272.38965	16.76246	0.1283997	0.21501703	2.7594391	20	8 18.8	19.9
352414 2007 XF_{53}	16.3	X	141.62172	200.94791	292.54353	2.35835	0.0612657	0.18894207	3.0078091	20	7 7.6	20.8
352415 2007 XX_{53}	16.3	X	57.17283	31.24491	126.58012	2.88709	0.0407876	0.17989361	3.1078417	20	4 22.9	20.4
352416 2007 XJ_{56}	15.9	X	186.13982	136.23043	278.25790	9.39774	0.1476378	0.19253433	2.9702791	20	5 16.6	20.8
352417 2007 XA_{58}	16.6	X	7.95712	219.87086	50.58003	6.65886	0.0278137	0.19733211	2.9219372	20	7 9.8	20.6
352418 2007 YN_{13}	16.5	X	139.66840	187.59468	320.30177	7.91406	0.0968080	0.19634435	2.9317287	20	7 27.2	21.0
352419 2007 YR_{17}	16.6	X	302.53263	347.72202	51.81904	6.39967	0.0717661	0.21577770	2.7529501	20	9 28.7	20.0
352420 2007 YO_{20}	15.8	X	10.67084	322.25831	275.97733	11.11906	0.1381577	0.18846824	3.0128483	20	6 3.6	19.2
352421 2007 YM_{22}	15.5	X	185.99721	47.50588	276.86588	14.99578	0.1860709	0.17204248	3.2016873	20	1 31.2	21.1
352422 2007 YZ_{35}	16.8	X	343.86760	22.59963	329.87132	3.19875	0.1090276	0.21190688	2.7863736	20	9 25.5	20.0
352423 2007 YJ_{43}	16.3	X	26.26488	75.75093	86.16080	2.83634	0.1139171	0.17178709	3.2048597	20	3 21.4	20.3
352424 2007 YV_{45}	15.8	X	54.14330	267.11367	299.12226	9.15654	0.0273481	0.18845955	3.0129409	20	6 17.6	20.0
352425 2007 YY_{48}	15.8	X	131.29987	202.46715	275.25679	9.15550	0.0710906	0.19014199	2.9951416	20	6 6.3	20.2
352426 2007 YF_{64}	15.6	X	290.64718	131.94352	136.46776	12.16700	0.0554654	0.17495562	3.1660477	20	3 24.4	20.1
352427 2007 YL_{66}	16.6	X	150.08627	194.62736	131.54028	4.47772	0.1397169	0.23640905	2.5903592	20	—	—
352428 2007 YW_{72}	15.7	X	308.13957	292.71799	103.96115	15.65689	0.2222617	0.21921300	2.7241134	20	9 24.3	18.7
352429 2007 YC_{73}	16.2	X	99.29686	264.71510	299.92739	8.53899	0.2247364	0.19263014	2.9692942	20	9 1.4	21.0
352430 2007 YB_{74}	16.5	X	190.32737	344.19865	146.72578	8.57436	0.2225168	0.20374636	2.8602861	20	8 21.8	21.3
352431 2008 AY_{4}	15.9	X	59.05923	17.11361	128.28279	14.14454	0.1230244	0.17506264	3.1647572	20	4 25.3	20.3
352432 2008 AY_{12}	15.9	X	31.08759	38.38176	139.99237	9.84907	0.0214974	0.17870178	3.1216446	20	4 15.1	20.3
352433 2008 AV_{13}	15.9	X	158.37122	275.44554	137.99288	10.24169	0.0765726	0.18114606	3.0935000	20	4 21.8	20.7
352434 2008 AZ_{16}	16.4	X	259.77187	219.03502	133.12575	9.72240	0.0516636	0.18779094	3.0200882	20	5 28.7	20.8
352435 2008 AO_{20}	16.0	X	205.26910	245.54720	127.15197	11.00454	0.1614537	0.18084537	3.0969281	20	4 19.5	21.2
352436 2008 AK_{21}	16.2	X	164.25111	139.61874	330.39889	7.58122	0.1669339	0.19100055	2.9861593	20	7 6.4	21.2
352437 2008 AS_{23}	16.3	X	164.19680	359.03486	120.26724	11.57470	0.0131161	0.19135927	2.9824262	20	7 14.3	20.5
352438 2008 AB_{25}	16.8	X	148.29530	134.96655	346.53340	4.19343	0.0110401	0.18875095	3.0098392	20	6 27.2	21.1
352439 2008 AN_{27}	15.8	X	349.04447	300.56152	320.82848	14.08006	0.0612700	0.18029318	3.1032482	20	5 27.5	20.1
352440 2008 AR_{28}	18.1	X	38.09975	75.52277	317.66158	19.40344	0.0913589	0.39029616	1.8544133	20	—	—
352441 2008 AP_{34}	16.0	X	147.06021	324.64427	116.10500	12.69133	0.1329637	0.18448054	3.0561102	20	5 17.1	21.0
352442 2008 AM_{35}	16.6	X	124.90135	212.18322	281.39922	1.54274	0.1473342	0.18831549	3.0144773	20	6 26.4	21.3
352443 2008 AD_{36}	16.6	X	82.99854	253.59381	298.05310	2.38388	0.1010313	0.19006589	2.9959410	20	7 17.6	20.8
352444 2008 AR_{40}	15.9	X	128.04108	75.46174	331.35704	8.88246	0.0275719	0.16867600	3.2441470	20	3 2.1	20.4
352445 2008 AY_{41}	16.1	X	72.35012	61.54953	118.10572	12.61204	0.2941173	0.18084114	3.0969764	20	7 15.9	20.6
352446 2008 AF_{43}	15.5	X	57.75404	243.48670	304.21813	9.88771	0.0700059	0.18464914	3.0542496	20	6 2.9	19.7
352447 2008 AB_{45}	15.5	X	54.11958	224.57786	288.44612	9.28049	0.0531650	0.17626968	3.1502931	20	4 8.2	20.0
352448 2008 AU_{49}	15.9	X	282.58375	175.58595	99.65065	7.69780	0.0880940	0.17705180	3.1410088	20	3 18.3	20.4
352449 2008 AM_{54}	16.2	X	212.85817	134.55467	302.62390	10.13486	0.0692084	0.19755360	2.9197528	20	7 17.1	20.5
352450 2008 AE_{59}	16.1	X	206.44914	52.44750	289.11844	4.78813	0.0704898	0.17483752	3.1674733	20	3 10.7	21.0
352451 2008 AU_{65}	16.5	X	190.48188	313.69216	114.18683	4.10270	0.1401467	0.19062513	2.9900787	20	6 7.9	21.4
352452 2008 AF_{68}	16.2	X	359.04939	150.59417	132.42381	12.70122	0.0394687	0.19172294	2.9786536	20	7 12.9	20.1
352453 2008 AN_{69}	16.1	X	229.14292	62.12118	321.63144	8.79228	0.0861095	0.18697947	3.0288198	20	5 24.3	20.8
352454 2008 AO_{73}	15.9	X	300.47007	0.36973	307.21481	8.02912	0.0212633	0.18569370	3.0427850	20	5 24.6	20.2
352455 2008 AW_{75}	16.2	X	140.15387	191.71987	300.61072	8.60783	0.0168220	0.19102152	2.9859408	20	7 1.7	20.3
352456 2008 AQ_{78}	16.7	X	26.83768	263.46712	127.23961	1.93480	0.0454813	0.22506372	2.6766960	20	—	—
352457 2008 AB_{84}	16.7	X	135.84540	32.18775	113.95444	2.13707	0.1098984	0.19345193	2.9608790	20	7 20.8	21.1
352458 2008 AU_{84}	16.0	X	115.69069	107.97547	344.10953	9.65276	0.0629165	0.18067844	3.0988353	20	4 12.5	20.5
352459 2008 AQ_{85}	15.8	X	203.39291	301.94417	122.77387	17.70377	0.0837133	0.19207651	2.9749971	20	6 20.5	20.4
352460 2008 AA_{86}	16.2	X	188.30427	99.13345	317.45045	10.30603	0.1476278	0.18839434	3.0136361	20	5 20.1	21.3
352461 2008 AW_{94}	15.9	X	148.11497	86.18734	316.12422	10.81435	0.0385157	0.17473283	3.1687383	20	3 16.9	20.7
352462 2008 AN_{100}	16.3	X	13.76493	330.52781	292.68385	10.16420	0.0334222	0.19005094	2.9960981	20	7 7.8	20.3
352463 2008 AA_{102}	16.0	X	253.07827	303.92734	99.84888	6.41772	0.0513305	0.20159043	2.8806430	20	7 25.4	20.0
352464 2008 AS_{106}	15.8	X	335.03871	120.22142	118.83238	14.46640	0.0626291	0.17901248	3.1180316	20	4 17.4	20.2
352465 2008 AO_{108}	16.2	X	160.24687	100.17844	292.64407	8.51533	0.0786233	0.17710659	3.1403609	20	3 21.8	21.2
352466 2008 AL_{111}	16.1	X	160.18062	297.99882	130.13549	7.27870	0.1330701	0.18363906	3.0654390	20	5 12.7	21.0
352467 2008 AC_{115}	16.3	X	97.65260	42.46399	145.70283	11.13004	0.0513357	0.19150062	2.9809584	20	7 23.7	20.5
352468 2008 AC_{117}	15.3	X	331.97592	139.31664	101.24624	17.62583	0.1641177	0.17618639	3.1512859	20	4 6.5	19.5
352469 2008 AU_{126}	16.0	X	266.34132	88.79162	280.37849	8.73946	0.1148791	0.19615454	2.9336197	20	6 16.9	20.2
352470 2008 AJ_{130}	16.5	X	232.64579	339.53992	108.25974	3.25200	0.0278495	0.20336569	2.8638543	20	8 30.1	20.4
352471 2008 AY_{136}	16.1	X	114.33988	25.50030	72.47693	5.22720	0.0870601	0.17764300	3.1340360	20	4 26.6	20.6
352472 2008 BN	16.0	X	208.89512	321.37289	69.41834	10.69961	0.0987160	0.18929621	3.0040565	20	5 13.7	20.6
352473 2008 BD_{2}	15.7	X	108.49279	340.79411	118.68154	18.76631	0.1179570	0.17853416	3.1235982	20	5 2.3	20.7
352474 2008 BZ_{2}	15.3	X	332.24200	39.15800	271.61479	35.19001	0.1442235	0.21700693	2.7425443	20	7 2.1	18.3
352475 2008 BD_{4}	16.4	X	95.05647	204.12546	316.62814	10.62664	0.1935904	0.18568134	3.0429201	20	7 5.6	21.0
352476 2008 BJ_{5}	15.6	X	48.62097	59.37326	111.37757	11.53050	0.0557191	0.17926045	3.1151554	20	5 3.1	20.0
352477 2008 BL_{16}	17.4	X	3.00758	55.01163	308.30536	16.37061	0.1126700	0.37431807	1.9068163	20	—	—
352478 2008 BV_{19}	16.2	X	228.29286	30.31948	65.86076	2.89406	0.0282363	0.20628456	2.8367751	20	9 5.1	20.1
352479 2008 BO_{31}	16.7	X	150.14423	336.49800	144.55975	7.65551	0.1845181	0.18905865	3.0065725	20	7 6.5	21.8
352480 2008 BH_{32}	16.4	X	27.32684	66.06129	158.77555	1.18657	0.1253436	0.17860449	3.1227782	20	6 13.8	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352481 2008 BN_{33}	15.8	X	66.45358	287.25881	314.95298	7.99340	0.0735828	0.19277982	2.9677570	20	8 25.7	19.9
352482 2008 BG_{40}	16.2	X	170.13437	42.92601	90.40225	8.46701	0.1538891	0.19879253	2.9076090	20	8 10.7	21.0
352483 2008 BR_{41}	14.9	X	127.33914	305.72504	125.82094	27.67927	0.0935297	0.17557320	3.1586189	20	4 19.2	20.1
352484 2008 BD_{48}	17.0	X	121.34474	38.57712	110.97763	11.82465	0.0617062	0.18845970	3.0129393	20	7 4.6	21.3
352485 2008 BD_{49}	16.1	X	312.07648	303.21729	330.32902	3.59409	0.1838878	0.17238379	3.1974598	20	4 4.5	20.2
352486 2008 BW_{49}	16.9	X	161.57235	351.89291	141.51840	2.67471	0.0651580	0.19540607	2.9411061	20	7 30.4	21.1
352487 2008 BZ_{50}	16.1	X	139.26684	124.94110	326.03645	8.55235	0.0100981	0.17885113	3.1199066	20	5 3.7	20.6
352488 2008 BS_{53}	16.2	X	195.12060	73.87982	331.94562	11.34518	0.2054553	0.18416187	3.0596346	20	5 10.7	21.7
352489 2008 CF_{4}	15.6	X	100.97426	156.34869	330.23217	9.76249	0.1654856	0.17808828	3.1288097	20	5 22.9	20.4
352490 2008 CO_{4}	16.7	X	142.61300	330.07344	140.96784	6.06472	0.2071455	0.18333496	3.0688278	20	6 19.3	21.9
352491 2008 CS_{4}	17.8	X	310.60253	57.10056	347.86470	19.97190	0.1100499	0.36611559	1.9351913	20	11 17.6	19.8
352492 2008 CL_{5}	16.0	X	201.89134	18.03076	166.04169	13.14671	0.0939969	0.21247980	2.7813627	20	11 18.4	20.3
352493 2008 CG_{8}	16.3	X	115.14264	197.43587	322.55768	9.16907	0.0238778	0.18681936	3.0305501	20	7 7.4	20.7
352494 2008 CL_{10}	16.1	X	66.26626	187.85380	357.57141	9.31243	0.0892939	0.17966388	3.1104904	20	6 14.6	20.5
352495 2008 CV_{10}	18.3	X	354.52212	107.06967	321.80073	18.76670	0.1159609	0.38722021	1.8642209	20	—	—
352496 2008 CF_{14}	16.0	X	207.68663	80.51419	347.85349	8.21962	0.0442411	0.18871264	3.0102464	20	7 1.9	20.5
352497 2008 CM_{15}	16.3	X	67.17226	174.18235	3.49474	5.09674	0.0862803	0.17992887	3.1074357	20	6 5.1	20.6
352498 2008 CL_{16}	16.7	X	89.96087	357.39837	157.94708	5.37148	0.0740516	0.18024647	3.1037844	20	6 5.9	21.1
352499 2008 CK_{28}	15.9	X	132.97474	108.39710	330.21276	20.86179	0.0900468	0.17784768	3.1316309	20	4 11.2	21.0
352500 2008 CP_{29}	15.6	X	340.83055	319.96954	327.75437	9.84848	0.1119869	0.18759546	3.0221858	20	6 19.7	19.4
352501 2008 CC_{37}	15.5	X	29.91110	238.51322	323.65622	9.34721	0.1209821	0.17592354	3.1544240	20	5 14.8	19.5
352502 2008 CQ_{37}	16.1	X	344.73208	292.13113	326.45687	6.40111	0.0555922	0.17869758	3.1216936	20	5 18.3	20.3
352503 2008 CL_{52}	16.6	X	314.29409	252.51847	129.00986	6.20376	0.0895396	0.21075576	2.7965102	20	9 19.6	19.9
352504 2008 CX_{62}	16.8	X	316.18020	49.19734	296.91434	1.04884	0.0792458	0.20293801	2.8678765	20	8 2.0	20.2
352505 2008 CA_{69}	16.2	X	32.43528	43.93477	141.81443	11.44180	0.0918433	0.17807383	3.1289790	20	5 1.9	20.4
352506 2008 CF_{74}	16.4	X	145.48301	296.03970	175.21422	10.91282	0.1590038	0.18530269	3.0470639	20	6 19.6	21.5
352507 2008 CO_{74}	15.8	X	70.19109	150.76420	13.61528	9.76830	0.0114586	0.18101816	3.0949570	20	5 10.4	20.3
352508 2008 CY_{74}	17.0	X	207.51769	253.32424	174.17804	1.23020	0.1521970	0.19289248	2.9666013	20	6 22.8	21.7
352509 2008 CP_{75}	15.8	X	35.53685	274.49494	322.44878	12.05922	0.1952684	0.18481226	3.0524522	20	7 26.0	19.4
352510 2008 CZ_{81}	16.5	X	189.00167	326.80023	114.75936	5.39786	0.1602338	0.19022321	2.9942890	20	6 22.7	21.3
352511 2008 CN_{83}	15.4	X	77.40441	144.76683	352.63905	10.58200	0.0334591	0.17408877	3.1765489	20	4 17.8	20.0
352512 2008 CJ_{87}	17.8	X	20.10270	333.31710	345.24058	17.48633	0.0803656	0.36108153	1.9531362	20	10 29.0	20.1
352513 2008 CM_{89}	16.1	X	349.00834	120.66540	146.78881	10.83644	0.0789583	0.17932826	3.1143701	20	6 8.2	20.3
352514 2008 CL_{95}	16.1	X	131.16659	16.83944	126.36080	10.40781	0.1388006	0.18638754	3.0352291	20	7 13.7	20.8
352515 2008 CP_{98}	16.2	X	258.23182	240.68020	145.84862	11.53563	0.0483780	0.19145665	2.9814148	20	7 8.3	20.5
352516 2008 CO_{99}	16.3	X	202.40717	93.61129	331.24236	7.77625	0.1525826	0.19005705	2.9960339	20	6 14.4	21.2
352517 2008 CJ_{110}	16.5	X	142.50659	90.85611	341.94951	9.26707	0.2611843	0.18280025	3.0748094	20	5 3.7	21.9
352518 2008 CN_{113}	16.0	X	156.23818	343.39177	124.29204	10.25940	0.0714024	0.18732521	3.0250919	20	6 22.2	20.6
352519 2008 CU_{117}	15.9	X	132.97850	5.70801	116.87510	17.65379	0.0484087	0.18567329	3.0430080	20	6 14.7	20.5
352520 2008 CC_{118}	16.0	X	278.86477	189.84658	112.44614	10.65429	0.0230362	0.17538955	3.1608234	20	4 26.4	20.6
352521 2008 CX_{120}	15.7	X	137.31311	88.19474	3.05048	23.35344	0.1677884	0.17968949	3.1101948	20	5 9.3	21.1
352522 2008 CP_{127}	17.0	X	54.40359	61.00884	160.52948	1.89146	0.1331412	0.18566279	3.0431227	20	7 22.8	20.9
352523 2008 CO_{130}	15.4	X	177.88847	230.90082	156.09364	10.15277	0.1364735	0.17519925	3.1631119	20	4 10.6	20.6
352524 2008 CK_{134}	15.6	X	304.32743	341.35846	310.81662	14.73909	0.2666193	0.17753092	3.1353549	20	3 28.4	20.2
352525 2008 CR_{137}	16.2	X	97.87628	44.82582	130.10713	4.77356	0.0917978	0.18543987	3.0455610	20	7 12.5	20.5
352526 2008 CF_{141}	16.2	X	233.34259	347.98129	170.49750	9.05085	0.1993971	0.21279429	2.7786216	20	11 8.2	20.3
352527 2008 CT_{144}	15.6	X	346.12576	341.29920	319.82862	12.01270	0.1376715	0.18838295	3.0137576	20	7 18.8	19.1
352528 2008 CO_{148}	15.9	X	350.87536	120.49282	150.58288	17.22101	0.0741678	0.18594998	3.0399886	20	6 16.5	20.1
352529 2008 CK_{149}	15.9	X	129.87528	134.34513	323.73971	16.46699	0.0694963	0.17790122	3.1310026	20	5 4.2	20.9
352530 2008 CW_{150}	16.0	X	140.39799	158.36855	324.02448	10.81316	0.1694877	0.18537130	3.0463120	20	6 30.2	21.0
352531 2008 CF_{155}	16.1	X	116.07953	330.26929	123.47046	11.62255	0.1991610	0.17679240	3.1440805	20	5 8.9	21.2
352532 2008 CD_{156}	16.4	X	22.93259	214.50911	9.04994	11.55791	0.1092165	0.17891893	3.1191184	20	5 31.4	20.4
352533 2008 CX_{164}	17.0	X	127.94732	180.38287	338.30153	3.06990	0.1919805	0.18968458	2.9999547	20	8 3.2	21.9
352534 2008 CP_{176}	17.3	X	291.88984	126.73591	347.71558	19.79527	0.0897019	0.37815219	1.8939055	20	—	—
352535 2008 CD_{178}	15.0	X	344.43605	253.08941	337.64793	25.46503	0.2181559	0.17206224	3.2014422	20	3 20.1	18.9
352536 2008 CT_{178}	15.3	X	39.03492	300.54012	309.91327	12.08058	0.1651156	0.19046559	2.9917482	20	8 11.9	18.9
352537 2008 CG_{179}	16.1	X	139.42739	29.59769	123.77404	12.12318	0.1599872	0.19139939	2.9820095	20	8 5.4	20.9
352538 2008 CN_{179}	15.7	X	145.58628	13.37961	112.70314	16.73527	0.0560184	0.18696664	3.0289583	20	7 2.6	20.1
352539 2008 CM_{180}	17.4	X	311.42051	184.22908	306.79070	19.37278	0.0160765	0.38672754	1.8658039	20	—	—
352540 2008 CQ_{180}	17.6	X	174.46072	293.71184	312.41816	18.31736	0.0341218	0.38007157	1.8875239	20	—	—
352541 2008 CW_{185}	15.7	X	60.10480	128.83479	50.64045	17.87676	0.1749886	0.17690771	3.1427141	20	6 9.2	20.0
352542 2008 CY_{190}	17.5	X	340.93462	85.45618	327.75510	20.53297	0.0897269	0.37571792	1.9020771	20	—	—
352543 2008 CZ_{190}	16.3	X	5.28919	262.82121	335.46421	14.35858	0.1282618	0.17846885	3.1243603	20	5 20.2	20.4
352544 2008 CX_{192}	15.9	X	169.18737	36.94472	12.09750	9.23332	0.0866533	0.17571956	3.1568648	20	4 22.6	20.7
352545 2008 CD_{193}	16.9	X	149.68163	324.46242	179.59299	2.66165	0.1133793	0.19058442	2.9905045	20	7 31.7	21.5
352546 2008 CZ_{199}	16.0	X	327.20011	203.43274	155.11236	12.51236	0.0946837	0.20219522	2.8748959	20	9 5.6	19.4
352547 2008 CG_{200}	15.8	X	270.01045	327.70460	356.39490	9.29150	0.0600490	0.17262460	3.1944855	20	4 29.4	20.5
352548 2008 CD_{201}	16.4	X	358.28127	123.82280	145.64824	12.38391	0.1858504	0.18366846	3.0651119	20	6 25.6	19.8
352549 2008 CF_{202}	15.6	X	187.61269	54.92950	337.26859	9.39245	0.0305411	0.17457913	3.1705979	20	4 19.0	20.4
352550 2008 CF_{205}	15.9	X	241.78968	12.35343	327.21763	14.44392	0.0773480	0.17765120	3.1339396	20	4 9.3	20.9
352551 2008 CB_{207}	16.5	X	173.70034	106.94750	317.08509	4.35090	0.0520360	0.18110027	3.0940215	20	5 15.4	21.1
352552 2008 CQ_{209}	15.2	X	289.93556	163.71066	97.12070	13.65408	0.0180923	0.17239456	3.1973266	20	3 22.9	20.0
352553 2008 CY_{210}	16.6	X	43.00189	197.84211	13.62827	8.07858	0.1362992	0.17860781	3.1227395	20	6 22.5	20.6
352554 2008 CT_{211}	15.8	X	103.75242	68.62809	112.58371	11.10566	0.0691299	0.18785814	3.0193679	20	7 25.4	20.1
352555 2008 CR_{212}	16.1	X	278.39632	181.72484	134.87621	12.12210	0.1402662	0.17923955	3.1153976	20	4 26.9	20.7
352556 2008 CZ_{212}	16.3	X	160.37251	273.73595	353.77608	9.01416	0.2036169	0.21476359	2.7616096	20	—	—
352557 2008 CA_{213}	16.5	X	34.43191	233.42034	347.15155	16.67130	0.1575905	0.17867156	3.1219967	20	6 25.3	20.6
352558 2008 CK_{213}	16.2	X	110.31158	327.79655	152.08839	5.33747	0.1304294	0.17343706	3.1845014	20	5 24.4	21.0
352559 2008 CB_{214}	16.4	X	324.56110	174.45239	97.34006	2.43549	0.1579318	0.17204969	3.2015979	20	4 27.6	20.3
352560 2008 CH_{214}	15.8	X	83.93988	47.50384	120.97092	10.92077	0.0278423	0.17955761	3.1117176	20	6 9.1	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352561 2008 CW_{214}	15.7	X	317.57091	333.34816	311.91776	11.10413	0.0742106	0.17645407	3.1480981	20	5 10.2	20.2
352562 2008 DG_{1}	17.3	X	137.60916	319.40229	135.62603	0.88175	0.2178978	0.18461488	3.0546274	20	5 27.3	22.4
352563 2008 DC_{3}	17.2	X	165.18311	210.29034	244.11596	0.27276	0.1904222	0.18909125	3.0062270	20	6 17.4	22.3
352564 2008 DW_{8}	18.0	X	3.72719	39.18622	322.37529	19.41870	0.0703795	0.37323883	1.9104903	20	12 24.3	20.2
352565 2008 DN_{10}	16.5	X	18.73547	164.42274	76.98222	2.24063	0.1247091	0.18464094	3.0543400	20	6 21.8	19.9
352566 2008 DK_{12}	16.1	X	26.95068	30.90203	134.18979	6.74693	0.0813432	0.17089442	3.2160105	20	3 26.1	20.2
352567 2008 DW_{13}	16.5	X	344.33706	208.99092	66.77081	2.99624	0.0357050	0.18273258	3.0755685	20	6 12.0	20.5
352568 2008 DS_{18}	17.5	X	267.24196	130.11979	17.25087	20.28133	0.0913741	0.37893205	1.8913061	20	—	—
352569 2008 DT_{18}	16.1	X	180.97447	106.36956	309.50651	6.74152	0.0919391	0.18405054	3.0608684	20	5 12.8	20.9
352570 2008 DZ_{19}	16.6	X	212.79508	340.73591	75.77336	16.35723	0.1224213	0.20428013	2.8553014	20	6 15.7	21.0
352571 2008 DJ_{22}	15.5	X	101.85536	197.82549	344.20110	15.19605	0.2187452	0.18401169	3.0612991	20	8 13.0	20.4
352572 2008 DO_{22}	16.5	X	111.73576	24.21210	67.61791	15.28834	0.0492093	0.25354031	2.4723201	20	4 12.3	20.0
352573 2008 DS_{23}	15.8	X	57.95870	246.14871	336.01309	12.31362	0.0693244	0.18564928	3.0432704	20	7 22.4	20.0
352574 2008 DT_{24}	15.6	X	148.74386	309.34114	140.88573	11.67340	0.1535040	0.18196588	3.0842015	20	5 29.9	20.7
352575 2008 DF_{54}	17.2	X	338.91361	79.26665	358.58114	20.46627	0.1064540	0.38082825	1.8850228	20	—	—
352576 2008 DA_{55}	16.1	X	114.03568	88.86070	87.04728	13.12103	0.1950961	0.18806495	3.0171540	20	8 14.7	21.1
352577 2008 DD_{55}	16.0	X	60.53528	221.40006	345.83777	23.01215	0.2270706	0.18048252	3.1010775	20	8 4.7	20.5
352578 2008 DN_{55}	16.3	X	60.11306	21.77117	169.88209	8.08559	0.0758749	0.17890416	3.1192900	20	6 13.6	20.6
352579 2008 DD_{59}	16.7	X	203.16501	262.42995	158.80819	10.74602	0.0963729	0.18961334	3.0007061	20	6 14.4	21.5
352580 2008 DJ_{60}	16.0	X	32.63195	316.37542	250.34555	3.73620	0.0953310	0.17634085	3.1494455	20	5 25.8	19.9
352581 2008 DC_{70}	15.6	X	67.71513	273.14136	249.16145	11.00557	0.1382250	0.17838640	3.1253229	20	5 25.4	19.7
352582 2008 DG_{70}	17.5	X	206.82565	105.02267	123.57906	25.27335	0.0631522	0.37624000	1.9003171	20	—	—
352583 2008 DA_{72}	15.8	X	119.26889	157.04669	330.38058	9.63555	0.0024876	0.17897695	3.1184443	20	5 25.2	20.3
352584 2008 DF_{87}	16.4	X	105.19892	3.92252	157.09125	9.71907	0.0897435	0.18655923	3.0333666	20	7 2.9	20.9
352585 2008 EJ_{8}	15.9	X	133.39490	138.98968	342.40282	11.74291	0.1321940	0.18065310	3.0991251	20	6 18.5	20.9
352586 2008 EZ_{10}	15.9	X	53.29729	329.30736	202.13560	15.17363	0.2072297	0.17618343	3.1513212	20	5 27.9	20.0
352587 2008 ER_{11}	16.3	X	78.89339	124.52685	23.40948	12.72880	0.0940538	0.17426535	3.1744028	20	5 12.5	20.7
352588 2008 ED_{20}	15.7	X	121.18925	102.04553	352.74042	16.68525	0.0933779	0.17131819	3.2107050	20	4 23.0	20.7
352589 2008 EG_{21}	15.5	X	102.53986	236.58674	350.61210	10.64056	0.1106632	0.19200206	2.9757660	20	9 23.3	20.0
352590 2008 ES_{22}	15.4	X	97.33981	13.37608	125.43928	19.50172	0.1436794	0.17984529	3.1083983	20	6 6.9	20.2
352591 2008 ED_{24}	15.8	X	50.68853	145.80942	34.94500	11.48991	0.0750699	0.17457730	3.1706201	20	5 14.6	20.0
352592 2008 EL_{27}	15.7	X	120.46851	303.47390	142.17942	17.38779	0.1193939	0.17098456	3.2148801	20	4 26.9	20.8
352593 2008 ET_{28}	16.1	X	65.75451	53.45979	114.56252	3.07673	0.0907307	0.17129941	3.2109396	20	5 23.9	20.4
352594 2008 EA_{41}	16.6	X	78.81854	73.04826	116.13303	9.70675	0.2237741	0.18008322	3.1056598	20	7 26.0	21.1
352595 2008 EP_{42}	16.3	X	48.95763	161.75068	27.21364	9.61404	0.1432350	0.17287473	3.1914035	20	5 31.9	20.4
352596 2008 EW_{48}	17.2	X	151.71105	75.38918	347.15874	8.27887	0.3127696	0.18390699	3.0624609	20	5 1.3	22.8
352597 2008 ET_{49}	16.1	X	85.81743	303.92703	208.18958	4.83276	0.0638442	0.17511886	3.1640799	20	5 25.8	20.5
352598 2008 ER_{52}	16.0	X	109.86105	321.76118	180.45395	7.80179	0.2059406	0.17828667	3.1264883	20	6 27.1	21.1
352599 2008 EZ_{55}	16.8	X	127.96992	136.42621	331.07246	4.01528	0.0958101	0.18096124	3.0956059	20	5 22.2	21.4
352600 2008 EB_{56}	17.2	X	139.27947	227.24603	225.93190	0.28238	0.1358151	0.18141117	3.0904855	20	5 20.8	22.1
352601 2008 ER_{56}	16.4	X	96.90006	111.50931	52.08494	4.30264	0.1164400	0.18066125	3.0990319	20	6 30.2	20.8
352602 2008 EN_{69}	16.1	X	23.44209	212.21295	0.83884	4.95865	0.1799990	0.17398248	3.1778426	20	5 25.6	19.7
352603 2008 EK_{79}	15.9	X	101.05333	347.99795	185.98707	12.79311	0.1795863	0.18508904	3.0494083	20	7 23.1	20.8
352604 2008 ES_{87}	16.0	X	73.80523	92.49687	136.73715	14.00247	0.2169517	0.18703212	3.0282514	20	9 10.8	20.5
352605 2008 EH_{90}	15.0	X	128.32093	311.41504	133.62119	18.06879	0.1467720	0.17163481	3.2067551	20	5 7.6	20.3
352606 2008 ET_{90}	15.8	X	53.98063	193.79862	350.17107	16.46702	0.1308939	0.17965208	3.1106266	20	5 28.8	20.2
352607 2008 EX_{92}	15.4	X	352.77418	221.73740	28.32909	18.47209	0.1475638	0.17478284	3.1681339	20	5 13.1	19.2
352608 2008 EX_{93}	15.7	X	75.36740	143.14446	36.74920	11.04609	0.0989986	0.17997911	3.1068573	20	6 21.0	20.1
352609 2008 EA_{94}	15.0	X	287.98965	111.40257	167.29675	15.25453	0.1089389	0.16315245	3.3169606	20	3 24.9	19.7
352610 2008 EF_{97}	16.4	X	44.94024	178.81016	64.07753	2.61612	0.0478804	0.18756263	3.0225385	20	7 26.4	20.5
352611 2008 EE_{101}	15.6	X	158.93645	32.69295	6.05110	18.93569	0.1476336	0.17185117	3.2040630	20	4 3.1	20.7
352612 2008 EH_{136}	16.0	X	104.86097	79.77657	33.80751	9.09497	0.1142201	0.17105019	3.2140577	20	5 6.2	20.7
352613 2008 EC_{138}	15.0	X	352.34821	110.59488	125.96888	19.14410	0.1228147	0.16970645	3.2310014	20	5 8.3	19.3
352614 2008 EM_{146}	15.5	X	118.02414	315.63315	153.79214	7.83693	0.1353943	0.17124169	3.2116611	20	5 21.1	20.5
352615 2008 EA_{152}	16.1	X	275.89520	106.37655	190.11581	11.02218	0.0379667	0.16773811	3.2562285	20	4 9.7	20.8
352616 2008 EX_{168}	15.3	X	175.97033	350.13373	91.69560	11.57320	0.0236840	0.18091380	3.0961471	20	6 11.0	19.6
352617 2008 FE_{1}	16.2	X	66.37884	193.60753	1.62475	11.59072	0.1020818	0.18137423	3.0909051	20	7 1.5	20.6
352618 2008 FQ_{1}	15.8	X	229.10501	10.97654	324.72298	4.90604	0.0571304	0.16940555	3.2348263	20	3 29.2	20.7
352619 2008 FV_{2}	16.7	X	74.63644	153.89488	53.17984	0.36991	0.1663912	0.18456268	3.0552033	20	8 5.2	21.0
352620 2008 FG_{3}	16.9	X	69.45598	133.24644	48.37279	4.07520	0.1344298	0.17924759	3.1153045	20	6 21.3	21.1
352621 2008 FO_{6}	16.8	X	62.14983	290.98725	47.91281	22.75779	0.1138279	0.36762103	1.9299045	20	—	—
352622 2008 FA_{7}	15.4	X	37.28599	83.91997	132.44804	14.12019	0.2382833	0.17290152	3.1910737	20	7 4.7	19.2
352623 2008 FH_{7}	17.3	X	193.29328	98.80363	45.76776	21.49644	0.0791358	0.35718839	1.9673026	20	10 18.7	19.6
352624 2008 FQ_{11}	16.4	X	119.88297	111.52055	345.34752	12.99710	0.2025741	0.17805397	3.1292117	20	5 7.3	21.6
352625 2008 FA_{16}	16.3	X	0.42125	270.69093	331.49795	9.97824	0.0381343	0.18413868	3.0598916	20	5 18.6	20.6
352626 2008 FT_{33}	16.5	X	118.41123	101.67478	359.26803	4.47789	0.1155587	0.17462913	3.1699926	20	5 5.5	21.2
352627 2008 FD_{40}	15.9	X	112.39990	156.32597	26.70987	15.36951	0.2055950	0.18594174	3.0400784	20	8 26.6	21.1
352628 2008 FA_{41}	16.0	X	68.26287	154.41469	34.38721	12.44735	0.1819147	0.17632433	3.1496422	20	7 7.5	20.5
352629 2008 FF_{78}	16.2	X	4.93613	12.08108	203.19139	5.02827	0.0553281	0.16857907	3.2453904	20	4 24.1	20.4
352630 2008 FX_{89}	16.9	X	156.26871	126.72459	1.72748	6.42601	0.1449533	0.19110947	2.9850245	20	7 22.0	21.7
352631 2008 FH_{115}	16.3	X	41.28481	102.10933	97.98436	2.62521	0.1433120	0.17348884	3.1838677	20	6 5.6	20.2
352632 2008 FJ_{122}	15.8	X	101.53420	77.04097	65.93549	26.37271	0.2293289	0.17812771	3.1283481	20	6 19.7	20.9
352633 2008 GM_{31}	17.6	X	252.58396	48.71610	37.11427	21.17536	0.0878669	0.35688573	1.9684147	20	10 15.5	19.4
352634 2008 GB_{64}	17.4	X	198.84103	140.11021	37.62291	21.21484	0.0734911	0.36290211	1.9465985	20	12 4.7	19.7
352635 2008 GK_{88}	16.1	X	332.31938	174.10777	36.48014	10.69346	0.0469536	0.15831200	3.3842322	20	3 10.8	20.8
352636 2008 GW_{89}	15.9	X	89.41469	310.62327	192.99760	13.36873	0.0853662	0.17094514	3.2153744	20	5 23.7	20.6
352637 2008 GW_{108}	15.3	X	263.71826	184.55102	91.50035	18.03651	0.0896432	0.15688249	3.4047592	20	3 2.7	20.6
352638 2008 GY_{110}	17.7	X	298.14327	29.01022	82.54672	26.59295	0.0527722	0.37132091	1.9170633	20	—	—
352639 2008 GZ_{110}	17.2	X	226.94137	87.96045	106.20720	22.87059	0.0451278	0.37221515	1.9139915	20	—	—
352640 2008 GE_{111}	15.7	X	76.30331	115.24983	35.75267	27.01166	0.2470628	0.17351802	3.1835108	20	5 31.2	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352641 2008 HA_{62}	17.8	X	258.51419	61.70697	156.80247	4.81352	0.1042237	0.30110399	2.2045758	20	—	—
352642 2008 JM	17.5	X	314.80539	316.97895	85.09026	25.76574	0.0668401	0.35822864	1.9634922	20	11 30.8	19.2
352643 2008 JB_{32}	16.2	X	52.91960	172.43957	59.70103	19.19684	0.1809927	0.17467277	3.1694646	20	8 18.7	20.8
352644 2008 KQ_{36}	17.6	X	150.51672	189.17461	124.08371	7.70361	0.2427304	0.29081060	2.2562951	20	—	—
352645 2008 LW_{2}	16.8	X	63.39909	73.98505	126.20077	14.53544	0.2301468	0.17325588	3.1867211	20	7 21.5	21.1
352646 Blumbahs	17.5	X	279.37256	109.31860	159.65527	7.21556	0.1338222	0.30617510	2.1801655	20	2 10.5	20.5
352647 2008 OD_{14}	17.5	X	116.16606	85.61390	288.23191	6.46320	0.1667074	0.28713848	2.2754910	20	1 9.3	20.1
352648 2008 OA_{18}	18.0	X	309.88871	311.11877	324.61239	8.39685	0.0747081	0.31136566	2.1558684	20	4 7.2	20.5
352649 2008 OQ_{22}	13.7	X	260.27108	284.96286	157.85660	9.46415	0.0869384	0.08185042	5.2535811	20	9 3.6	20.7
352650 2008 PF_{9}	18.0	X	210.57678	247.47071	129.05855	6.53952	0.1656529	0.30642364	2.1789865	20	4 22.5	21.3
352651 2008 QA_{9}	17.8	X	211.57297	351.59890	343.02685	2.96656	0.2087311	0.30019480	2.2090249	20	2 26.3	21.3
352652 2008 QR_{10}	17.0	X	94.77797	346.17510	358.55474	7.57581	0.2635006	0.27152104	2.3619302	20	—	—
352653 2008 QE_{17}	17.9	X	129.83837	45.74983	346.48397	2.64957	0.1924151	0.28966026	2.2622648	20	2 23.7	20.8
352654 2008 QJ_{24}	17.5	X	211.03735	165.22340	178.24344	5.20235	0.2003913	0.30154298	2.2024357	20	3 7.2	21.0
352655 2008 QX_{28}	13.1	X	294.34321	86.91349	323.25519	12.47753	0.0411125	0.08197893	5.2480894	20	9 8.4	19.9
352656 2008 QR_{29}	18.0	X	221.17086	225.79313	131.98304	3.74541	0.1349580	0.30681093	2.1771524	20	4 8.1	21.1
352657 2008 QS_{33}	17.2	X	84.65925	93.85243	350.50730	6.52306	0.1798796	0.28869700	2.2672942	20	3 4.0	19.3
352658 2008 QZ_{33}	17.3	X	72.82491	347.90363	9.84601	1.33219	0.1957799	0.26935382	2.3745826	20	—	—
352659 2008 RE_{2}	13.0	X	216.76880	140.10095	1.26456	17.88774	0.0715617	0.08268122	5.2183291	20	9 24.9	20.2
352660 2008 RX_{3}	18.1	X	89.05466	76.64060	203.02576	1.95053	0.1821712	0.25993472	2.4316059	20	11 30.9	21.8
352661 2008 RY_{5}	17.9	X	6.90835	63.71984	24.35071	5.19382	0.1714615	0.26972757	2.3723885	20	—	—
352662 2008 RM_{14}	13.5	X	20.20795	41.00652	303.51795	6.14477	0.0367133	0.08492793	5.1258870	20	10 8.7	20.2
352663 2008 RZ_{16}	17.8	X	129.11619	195.28031	203.39783	6.56093	0.1065260	0.29038000	2.2585251	20	2 17.1	20.7
352664 2008 RC_{23}	17.2	X	110.64120	9.54048	329.83054	6.51736	0.2475161	0.27479058	2.3431575	20	—	—
352665 2008 RW_{56}	17.9	X	162.32040	90.07248	334.05174	4.56952	0.0820348	0.30452085	2.1880539	20	4 29.4	20.9
352666 2008 RZ_{58}	13.8	X	350.37151	359.49092	9.87460	9.81545	0.0172885	0.08397962	5.1644030	20	10 3.3	20.5
352667 2008 RA_{69}	17.6	X	146.52720	68.77751	328.49144	4.77530	0.1747092	0.29241041	2.2480579	20	3 15.4	20.8
352668 2008 RQ_{72}	13.4	X	234.20272	130.76086	334.53071	6.41785	0.0801341	0.08222736	5.2375133	20	9 1.5	20.5
352669 2008 RN_{77}	17.3	X	94.51251	358.94937	3.76048	2.15235	0.2433788	0.27224016	2.3577690	20	—	—
352670 2008 RU_{87}	17.6	X	108.66739	146.57972	281.86654	4.47356	0.0908333	0.29035670	2.2586459	20	2 28.4	20.3
352671 2008 RC_{95}	13.8	X	249.02326	129.57754	327.30154	7.48467	0.0506484	0.08354333	5.1823672	20	9 10.1	20.7
352672 2008 RK_{99}	18.0	X	339.00852	227.36204	1.66902	3.47308	0.0233642	0.30163314	2.2019968	20	3 26.9	20.3
352673 2008 RZ_{100}	17.6	X	350.03746	219.91607	281.63758	4.71214	0.0522731	0.28100926	2.3084597	20	—	—
352674 2008 RR_{101}	17.9	X	27.35521	146.61952	255.71846	0.55510	0.1820337	0.26626670	2.3929014	20	—	—
352675 2008 RO_{106}	17.4	X	138.05574	232.74315	165.54454	6.37338	0.0800002	0.29367138	2.2416181	20	2 25.8	20.1
352676 2008 RO_{107}	17.5	X	24.29315	109.29350	17.85338	7.14737	0.0579090	0.28033823	2.3121420	20	1 12.8	20.1
352677 2008 RQ_{107}	17.4	X	25.81880	48.54826	348.00185	6.31559	0.2161170	0.26285872	2.4135398	20	—	—
352678 2008 RG_{109}	18.5	X	35.00100	201.33264	214.04478	0.53561	0.1755894	0.27124495	2.3635327	20	—	—
352679 2008 RR_{111}	17.8	X	62.68694	274.21116	221.29487	5.44043	0.1051517	0.29527331	2.2335033	20	3 27.7	20.0
352680 2008 RL_{136}	18.0	X	27.30944	353.37873	71.17345	2.86326	0.2154761	0.26887179	2.3774199	20	—	—
352681 2008 SS_{3}	17.2	X	127.14471	14.99879	41.83338	4.94114	0.1415537	0.29285668	2.2457735	20	3 19.5	20.1
352682 2008 ST_{5}	17.7	X	171.77025	239.88813	139.72258	6.55633	0.1352705	0.29528911	2.2334236	20	3 18.3	20.9
352683 2008 SU_{5}	17.2	X	216.02705	201.52632	123.22496	6.19338	0.1323750	0.29570269	2.2313406	20	2 19.9	20.5
352684 2008 SU_{8}	17.5	X	200.26726	98.66901	196.99667	6.58707	0.1566301	0.28978329	2.2616244	20	—	—
352685 2008 SP_{28}	17.0	X	108.05951	327.62378	349.43565	6.48506	0.1151822	0.26808722	2.3820560	20	—	—
352686 2008 SV_{29}	17.5	X	137.93612	4.54562	307.99061	1.48466	0.2063422	0.27618535	2.3352621	20	—	—
352687 2008 SY_{35}	17.5	X	110.50309	187.43205	150.37836	1.35992	0.1958654	0.27335893	2.3513315	20	—	—
352688 2008 SE_{46}	17.6	X	87.01953	26.55329	26.45462	7.24972	0.1123622	0.28037233	2.3119545	20	1 14.1	20.1
352689 2008 SM_{60}	17.5	X	189.32366	38.46412	304.99636	3.30584	0.2280545	0.29432902	2.2382779	20	2 18.9	21.3
352690 2008 SR_{74}	17.4	X	99.89680	252.84815	153.36849	4.71795	0.1347950	0.28611112	2.2809349	20	1 24.9	19.8
352691 2008 SH_{84}	17.4	X	52.56938	305.50126	59.90795	3.48226	0.2372991	0.26469534	2.4023624	20	—	—
352692 2008 SS_{85}	13.5	X	269.14646	103.58542	335.44769	20.20561	0.0376819	0.08469117	5.1354357	20	9 11.7	20.4
352693 2008 SQ_{88}	17.3	X	253.86557	273.74377	29.98356	6.55037	0.2000173	0.29954530	2.2122169	20	2 27.4	20.7
352694 2008 SB_{100}	17.3	X	334.85396	261.63777	185.36864	14.46422	0.0849492	0.26094555	2.4253222	20	—	—
352695 2008 SE_{105}	17.1	X	90.83609	191.68990	194.78634	4.87319	0.1385960	0.27476614	2.3432965	20	—	—
352696 2008 SP_{105}	17.9	X	159.23433	347.42911	42.00817	1.06455	0.1201673	0.29205655	2.2498734	20	3 15.5	20.9
352697 2008 SE_{106}	17.7	X	21.28914	82.85569	32.96710	7.17456	0.0791330	0.27738245	2.3285383	20	—	—
352698 2008 SA_{107}	17.2	X	141.61899	303.66360	29.36001	7.71658	0.2043005	0.27843371	2.3226735	20	—	—
352699 2008 SO_{117}	17.7	X	59.25779	53.29065	354.16358	1.10019	0.1863689	0.27186945	2.3599118	20	—	—
352700 2008 SV_{118}	17.2	X	243.37406	197.02231	23.51497	7.25841	0.0658997	0.27273123	2.3549379	20	—	—
352701 2008 SE_{137}	16.3	X	319.88552	228.41044	152.21067	13.77950	0.1080283	0.24124365	2.5556348	20	10 4.3	19.1
352702 2008 SS_{138}	17.6	X	274.96316	187.96963	86.89051	4.45676	0.1314315	0.29501385	2.2348126	20	2 17.6	20.6
352703 2008 SO_{151}	18.1	X	114.67523	94.47644	226.86367	1.57570	0.1827299	0.27206556	2.3587776	20	—	—
352704 2008 SW_{151}	18.1	X	30.32321	223.29409	292.59498	4.45573	0.0873670	0.29181389	2.2511205	20	2 27.6	20.3
352705 2008 SC_{152}	17.5	X	222.70605	109.95412	224.31465	5.40202	0.1860802	0.29970110	2.2114502	20	3 4.4	21.0
352706 2008 SF_{179}	18.4	X	96.58924	103.97985	349.60117	4.21783	0.0656165	0.29525042	2.2336187	20	3 15.0	20.8
352707 2008 SQ_{179}	17.5	X	92.09980	318.42754	143.36275	3.76703	0.0713084	0.29607185	2.2294854	20	3 22.7	19.8
352708 2008 SH_{180}	16.9	X	287.06666	238.10032	116.69062	5.72466	0.2701269	0.23271475	2.6177014	20	6 2.2	20.3
352709 2008 SM_{188}	17.5	X	37.46707	139.60240	264.22040	1.82706	0.1779787	0.26624624	2.3930240	20	—	—
352710 2008 SW_{189}	18.2	X	269.12638	328.08520	308.62366	1.58033	0.1027320	0.29536138	2.2330592	20	2 14.5	21.0
352711 2008 SZ_{189}	17.5	X	25.54207	52.24180	6.87676	6.14360	0.0873071	0.26744438	2.3858716	20	—	—
352712 2008 SM_{191}	17.5	X	356.69529	208.44018	327.73905	5.20956	0.0781855	0.29164619	2.2519834	20	2 2.5	19.6
352713 2008 SH_{195}	16.6	X	91.16445	312.01648	50.04822	3.41450	0.1669207	0.18594771	3.0400134	20	—	—
352714 2008 SS_{195}	17.0	X	352.18325	149.27260	38.49262	7.03078	0.0441528	0.28882407	2.2666291	20	2 19.6	19.6
352715 2008 SU_{202}	17.9	X	120.48777	146.04055	215.42798	4.13491	0.1866113	0.27782817	2.3260472	20	1 2.8	20.7
352716 2008 SF_{211}	17.4	X	137.89121	90.61731	292.38799	5.95263	0.1264358	0.28821673	2.2698122	20	2 10.8	20.5
352717 2008 SR_{211}	16.7	X	312.61180	133.70467	299.24869	4.40574	0.3053154	0.24064593	2.5598648	20	11 25.9	18.1
352718 2008 SK_{217}	17.7	X	96.54684	151.47699	279.45941	6.31057	0.0677404	0.28923313	2.2644915	20	2 10.8	20.4
352719 2008 SU_{218}	17.6	X	106.07236	155.44090	270.61759	3.79930	0.1474539	0.28935618	2.2638494	20	3 1.9	20.4
352720 2008 SX_{222}	18.1	X	240.85476	336.55165	331.91319	4.05136	0.1642837	0.29993962	2.2102776	20	2 20.5	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352721 2008 SB_{225}	18.2	X	356.80242	76.34625	11.73372	1.16170	0.1506238	0.26491829	2.4010144	20	—	—
352722 2008 SQ_{243}	17.7	X	147.65649	269.96751	72.57917	4.27633	0.0556450	0.27774251	2.3265255	20	—	—
352723 2008 SO_{272}	17.9	X	5.19415	115.97718	321.36765	1.67658	0.2207478	0.26158615	2.4213610	20	—	—
352724 2008 SU_{281}	18.1	X	16.19442	332.14295	108.07754	2.47821	0.1510221	0.26431272	2.4046803	20	—	—
352725 2008 SV_{285}	17.4	X	250.33506	28.70887	187.35017	2.27204	0.0627626	0.27219685	2.3580191	20	—	—
352726 2008 SJ_{287}	17.9	X	236.77610	38.00772	262.57089	3.65005	0.2194475	0.29646055	2.2275362	20	2 3.9	21.5
352727 2008 SM_{288}	18.1	X	46.91815	97.52657	21.84985	8.63072	0.1345136	0.28518182	2.2858874	20	2 13.1	20.2
352728 2008 SU_{288}	17.7	X	15.84405	129.14837	31.39206	5.40762	0.0942727	0.28733755	2.2744399	20	2 13.9	19.9
352729 2008 SH_{289}	18.1	X	74.09175	127.34933	348.62130	3.17054	0.1072366	0.29055318	2.2576275	20	3 19.9	20.4
352730 2008 SX_{293}	17.6	X	138.89760	307.14931	42.27352	7.58225	0.1504687	0.28346347	2.2951161	20	1 4.7	20.6
352731 2008 SC_{294}	17.3	X	226.03915	222.13846	106.46015	6.02252	0.2171744	0.30044984	2.2077746	20	3 3.8	20.9
352732 2008 SK_{294}	17.5	X	234.97271	186.64631	140.14615	8.29395	0.1968633	0.30094554	2.2053496	20	3 9.4	21.0
352733 2008 SK_{300}	17.3	X	290.45487	328.06791	275.10170	4.22243	0.1118002	0.29436329	2.2381041	20	1 24.7	20.1
352734 2008 SG_{301}	17.5	X	37.82718	165.75183	288.46563	4.44006	0.1772852	0.27643938	2.3338312	20	—	—
352735 2008 SQ_{301}	17.6	X	315.73795	230.32180	69.92009	4.04698	0.2246357	0.31606019	2.1344674	20	5 4.7	19.2
352736 2008 SC_{304}	17.1	X	141.89946	246.25468	74.31418	6.45997	0.1574270	0.27612548	2.3355996	20	—	—
352737 2008 TQ_{16}	18.3	X	248.43893	316.62617	342.96165	6.11978	0.1109041	0.29814703	2.2191282	20	2 21.1	21.1
352738 2008 TY_{20}	17.8	X	349.13332	246.61697	218.79151	3.23660	0.1334982	0.26470218	2.4023210	20	—	—
352739 2008 TJ_{56}	17.7	X	48.57136	124.74074	14.92127	2.77516	0.0899776	0.29066566	2.2570451	20	3 10.2	19.9
352740 2008 TC_{62}	16.7	X	317.03857	241.88443	94.37147	8.19433	0.2126785	0.23849265	2.5752500	20	7 6.8	19.1
352741 2008 TF_{64}	18.0	X	78.81519	249.43151	195.16458	2.37680	0.1267922	0.28373312	2.2936617	20	2 14.0	20.2
352742 2008 TO_{67}	17.7	X	69.30404	32.41952	52.35897	5.25986	0.1260634	0.28079372	2.3096408	20	2 1.2	19.9
352743 2008 TW_{71}	17.6	X	65.34097	247.94127	145.72428	3.85373	0.1897749	0.27010978	2.3701500	20	—	—
352744 2008 TT_{82}	16.9	X	37.11905	260.77113	191.64442	10.53220	0.0708000	0.27560199	2.3385562	20	—	—
352745 2008 TS_{98}	17.5	X	63.10257	125.03150	32.98999	4.05740	0.0823698	0.30013194	2.2093333	20	4 29.8	19.8
352746 2008 TX_{101}	18.1	X	169.43138	110.12552	265.14481	0.27700	0.0998892	0.29257007	2.2472400	20	3 5.8	21.1
352747 2008 TW_{104}	17.9	X	18.07749	167.85935	342.65147	1.78662	0.1371334	0.28443335	2.2898957	20	1 29.3	19.8
352748 2008 TS_{111}	17.3	X	70.61928	66.09501	312.63954	2.49834	0.2100526	0.26973687	2.3723340	20	—	—
352749 2008 TB_{117}	17.8	X	3.09655	344.93355	65.22535	3.45882	0.1967366	0.26014335	2.4303057	20	—	—
352750 2008 TO_{117}	17.7	X	48.49886	259.21073	228.83058	4.78705	0.0935031	0.28548417	2.2842731	20	2 19.3	20.1
352751 2008 TY_{120}	17.6	X	71.20887	298.47888	155.38599	8.40160	0.1583602	0.28417765	2.2912691	20	2 19.7	19.7
352752 2008 TP_{121}	17.7	X	76.99243	44.64471	19.82022	8.39038	0.1302289	0.28135863	2.3065483	20	1 16.6	20.1
352753 2008 TN_{139}	17.9	X	47.01886	72.39961	339.60167	1.90477	0.2687960	0.26881717	2.3777419	20	—	—
352754 2008 TG_{150}	18.2	X	154.45338	211.34976	171.24452	3.78493	0.0393381	0.29240651	2.2480779	20	2 20.2	21.1
352755 2008 TF_{162}	18.2	X	8.88702	289.25309	183.84189	1.18244	0.1343575	0.27365779	2.3496193	20	—	—
352756 2008 TD_{167}	18.0	X	18.93256	228.09464	258.41508	4.55641	0.1364679	0.27858104	2.3218545	20	—	—
352757 2008 TH_{175}	18.1	X	329.64163	223.79220	353.27289	2.77682	0.0674470	0.29081022	2.2562970	20	2 20.4	20.7
352758 2008 TY_{177}	16.8	X	30.05513	325.02853	101.47995	7.12874	0.1114148	0.27066543	2.3669052	20	—	—
352759 2008 TC_{182}	17.0	X	330.46140	358.96539	73.17738	13.28699	0.1557932	0.25575152	2.4580492	20	—	—
352760 Tesorero	17.9	X	30.60014	257.85747	161.51205	2.56800	0.1804545	0.26593142	2.3949123	20	—	—
352761 2008 UL_{5}	16.8	X	69.74785	315.41000	69.40870	8.23827	0.1580631	0.26888704	2.3773300	20	—	—
352762 2008 UW_{6}	17.4	X	61.39128	63.15206	1.62077	9.82259	0.1772222	0.27576770	2.3376193	20	—	—
352763 2008 UJ_{7}	15.7	X	31.83865	335.92336	78.24087	23.65385	0.2371114	0.26502653	2.4003605	20	—	—
352764 2008 UF_{15}	17.0	X	68.30311	80.11113	301.03724	3.53080	0.1195919	0.27032683	2.3688812	20	—	—
352765 2008 UY_{16}	18.1	X	285.15679	233.88208	24.09115	6.06145	0.0313471	0.29312827	2.2443861	20	2 22.2	20.8
352766 2008 UQ_{24}	17.8	X	333.67968	61.38797	71.96548	2.07121	0.1330490	0.26800089	2.3825676	20	—	—
352767 2008 UD_{25}	17.4	X	184.90561	353.84791	10.93873	5.15580	0.1888945	0.29711597	2.2242591	20	3 13.0	20.7
352768 2008 UN_{32}	17.9	X	0.49150	297.25140	119.80136	2.12938	0.1700741	0.25793975	2.4441275	20	—	—
352769 2008 UV_{34}	17.1	X	110.50667	289.60369	65.12255	6.16646	0.2440868	0.27430393	2.3459281	20	—	—
352770 2008 UU_{41}	18.0	X	35.04420	31.62976	28.16129	2.60181	0.1839134	0.26563943	2.3966670	20	—	—
352771 2008 US_{48}	17.7	X	299.59546	113.42492	6.06714	1.77327	0.1614253	0.25290584	2.4764533	20	—	—
352772 2008 UO_{49}	18.3	X	349.69348	244.77411	236.02116	0.75558	0.1273050	0.27031562	2.3689467	20	—	—
352773 2008 UR_{54}	16.1	X	271.15606	269.48286	61.32316	13.77693	0.2435806	0.22037449	2.7145332	20	4 20.9	20.4
352774 2008 UB_{58}	17.6	X	55.54948	272.49797	186.01164	5.42839	0.1320873	0.27992569	2.3144131	20	1 24.1	19.7
352775 2008 UE_{70}	17.8	X	117.74907	336.70692	71.20172	4.30779	0.1641591	0.28613517	2.2808071	20	2 28.8	20.7
352776 2008 UA_{72}	16.9	X	222.04466	251.05559	357.56655	6.95865	0.0809451	0.26908639	2.3761557	20	—	—
352777 2008 UL_{72}	16.5	X	246.15580	289.95615	258.83521	11.02927	0.1107590	0.25689509	2.4507491	20	—	—
352778 2008 UP_{74}	17.3	X	42.14997	169.94294	262.61627	7.37498	0.0935026	0.26897183	2.3768304	20	—	—
352779 2008 UA_{78}	16.9	X	50.93971	101.14715	249.33560	5.73423	0.1866179	0.25606616	2.4560352	20	—	—
352780 2008 UE_{80}	18.3	X	30.18034	164.56243	298.68629	1.86839	0.1335084	0.27374284	2.3491326	20	—	—
352781 2008 UT_{90}	18.0	X	66.28560	278.43293	121.93345	1.93059	0.1855662	0.27348437	2.3506125	20	—	—
352782 2008 UE_{97}	17.6	X	124.24591	259.97352	107.78357	4.63011	0.1671029	0.27923775	2.3182128	20	1 13.4	20.3
352783 2008 UT_{97}	17.5	X	123.47455	314.21924	74.55719	5.48531	0.1451216	0.28246487	2.3005221	20	2 7.6	20.4
352784 2008 UH_{112}	15.7	X	38.13905	148.45542	22.35488	13.22063	0.0335893	0.20936447	2.8088856	20	4 10.1	19.4
352785 2008 US_{114}	17.9	X	329.22098	167.27997	299.03563	1.46721	0.1751969	0.25913528	2.4366043	20	—	—
352786 2008 UP_{123}	17.8	X	1.97828	115.32759	332.47547	4.51407	0.1550697	0.26240996	2.4162906	20	—	—
352787 2008 UP_{124}	17.6	X	248.65037	349.71132	325.18206	7.18188	0.1229671	0.29416491	2.2391102	20	3 9.3	20.8
352788 2008 UN_{141}	18.1	X	41.99411	249.83592	190.29391	1.16632	0.1577049	0.27102224	2.3648273	20	—	—
352789 2008 UB_{148}	17.6	X	24.05153	40.78002	26.39117	1.53790	0.1625772	0.26380139	2.4077866	20	—	—
352790 2008 UT_{164}	17.7	X	43.90815	111.27594	4.06033	5.51635	0.0976993	0.28199838	2.3030585	20	1 28.6	19.9
352791 2008 UR_{179}	17.2	X	326.33972	134.35270	31.30017	7.65636	0.0334568	0.27376804	2.3489885	20	—	—
352792 2008 UB_{187}	17.1	X	14.74493	40.43387	81.71630	7.44529	0.0522617	0.27218266	2.3581010	20	—	—
352793 2008 UF_{189}	13.8	X	248.84189	109.13657	13.24368	7.27816	0.0263622	0.08420639	5.1551266	20	10 12.4	20.6
352794 2008 UR_{197}	17.8	X	38.33806	287.37010	167.41828	2.44540	0.1525537	0.27405929	2.3473240	20	—	—
352795 2008 UZ_{198}	17.5	X	121.05051	296.23286	59.32171	3.12620	0.2424498	0.27598162	2.3364112	20	1 5.2	20.3
352796 2008 UD_{199}	17.0	X	54.14630	2.05997	63.37592	8.48193	0.1566854	0.27054734	2.3675939	20	—	—
352797 2008 UR_{204}	17.2	X	100.95722	63.52085	350.09655	7.23427	0.1039215	0.28362725	2.2942324	20	2 4.1	19.8
352798 2008 UF_{213}	17.1	X	155.99396	79.54167	327.31161	6.20882	0.0764221	0.29674849	2.2260950	20	3 27.9	20.1
352799 2008 UM_{216}	16.7	X	237.89376	111.51332	76.81663	7.37071	0.0647369	0.25475682	2.4644434	20	—	—
352800 2008 UR_{218}	17.4	X	43.79154	185.74170	243.54344	5.54686	0.0985473	0.27031121	2.3689724	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352801 2008 UW_{218}	18.3	X	10.36666	155.38141	324.94664	1.99386	0.1164311	0.27295012	2.3536788	20	—	—
352802 2008 UK_{223}	18.2	X	57.42656	55.00829	8.17092	3.91977	0.0641008	0.27189899	2.3597409	20	—	—
352803 2008 UF_{236}	18.1	X	84.21978	102.72697	292.98586	3.82910	0.1529453	0.27364466	2.3496945	20	—	—
352804 2008 UB_{241}	17.6	X	21.77846	197.00429	267.82474	6.33459	0.1246215	0.27085432	2.3658046	20	—	—
352805 2008 UV_{242}	16.8	X	276.37064	284.57127	103.70727	9.03440	0.2635688	0.23439096	2.6052064	20	7 4.1	20.2
352806 2008 US_{245}	17.1	X	305.95041	162.92861	28.69446	7.42582	0.1321685	0.27114294	2.3641254	20	—	—
352807 2008 UW_{257}	17.8	X	9.12901	245.25841	254.95026	1.57135	0.1502805	0.27440145	2.3453722	20	—	—
352808 2008 UR_{263}	17.3	X	48.47308	352.35631	53.23836	10.16593	0.1829036	0.26484058	2.4014840	20	—	—
352809 2008 UO_{277}	17.6	X	290.65674	187.71107	42.39934	4.63532	0.0446247	0.28427640	2.2907385	20	1 20.3	20.5
352810 2008 UD_{281}	16.8	X	149.78146	29.88852	244.26209	5.90825	0.1360418	0.26047479	2.4282436	20	—	—
352811 2008 UV_{282}	17.8	X	348.88528	27.08556	174.87860	2.43482	0.1117494	0.29024458	2.2592275	20	2 22.1	19.8
352812 2008 UG_{284}	17.4	X	312.15317	92.38395	64.54888	3.88632	0.1016786	0.26880378	2.3778209	20	—	—
352813 2008 UL_{285}	18.0	X	140.94790	161.47388	173.24105	1.09807	0.2034635	0.27445856	2.3450469	20	—	—
352814 2008 UJ_{287}	17.7	X	55.40318	201.37788	157.72220	2.67528	0.2148912	0.26198455	2.4189057	20	—	—
352815 2008 UP_{287}	17.5	X	87.24102	239.10395	121.85277	2.96756	0.0277560	0.26707450	2.3880739	20	—	—
352816 2008 US_{291}	18.4	X	10.08126	128.26624	320.83706	1.71405	0.1774418	0.26615744	2.3935563	20	—	—
352817 2008 UZ_{301}	17.9	X	57.81102	158.01962	351.02815	6.66444	0.0919138	0.29580186	2.2308419	20	4 6.6	20.1
352818 2008 UQ_{310}	17.4	X	89.03857	93.82463	296.25498	6.40739	0.1258374	0.27489381	2.3425709	20	—	—
352819 2008 UQ_{312}	16.1	X	265.09468	110.43644	259.38038	12.31238	0.2043101	0.22608113	2.6686596	20	6 3.8	19.9
352820 2008 UY_{313}	17.4	X	67.22816	216.26064	268.70968	5.27013	0.0774758	0.29010055	2.2599752	20	3 14.5	19.8
352821 2008 UX_{324}	18.4	X	23.13448	118.85373	320.84794	1.64061	0.1886009	0.26418787	2.4054378	20	—	—
352822 2008 UZ_{326}	16.5	X	270.88257	323.06120	110.33245	12.76280	0.1629433	0.22950094	2.6420827	20	9 18.6	20.0
352823 2008 UC_{330}	17.5	X	46.97882	195.57779	229.52276	6.30213	0.1477987	0.27003781	2.3705712	20	—	—
352824 2008 UA_{331}	17.6	X	355.45811	227.84615	2.73929	5.34485	0.1192282	0.30254725	2.1975591	20	4 16.5	19.4
352825 2008 UL_{340}	18.0	X	358.36941	198.59758	301.90448	1.39967	0.1579966	0.27015088	2.3699096	20	—	—
352826 2008 UH_{343}	17.0	X	27.88478	268.82385	100.41006	9.81106	0.2322759	0.25650289	2.4532466	20	—	—
352827 2008 UG_{350}	17.7	X	340.68718	166.48809	325.71739	4.15829	0.1231361	0.26649022	2.3915632	20	—	—
352828 2008 UK_{351}	17.5	X	299.46793	356.64640	230.37446	5.52160	0.0779424	0.28167406	2.3048260	20	1 20.4	20.6
352829 2008 UU_{355}	17.2	X	19.79635	79.89549	65.62206	7.14878	0.0742126	0.28225991	2.3016357	20	1 31.3	19.7
352830 2008 UX_{355}	17.6	X	18.70470	67.17111	309.85168	1.19314	0.0857883	0.25202931	2.4821918	20	12 30.8	20.6
352831 2008 US_{368}	16.8	X	4.56833	337.58506	66.31332	5.57259	0.1010766	0.24716633	2.5146440	20	—	—
352832 2008 UE_{370}	18.0	X	106.05717	271.07080	82.53317	2.26509	0.2011652	0.26989214	2.3714241	20	—	—
352833 2008 VN_{2}	16.0	X	29.09298	286.07251	34.22119	15.37212	0.1555789	0.24431801	2.5341505	20	11 6.9	19.2
352834 2008 VN_{4}	17.3	X	59.35109	299.40649	101.88969	5.19651	0.2723378	0.26914033	2.3758382	20	—	—
352835 2008 VR_{13}	17.3	X	30.79693	337.82987	92.72786	6.20146	0.2087410	0.26462679	2.4027773	20	—	—
352836 2008 VU_{14}	16.3	X	193.00708	312.11191	127.90956	10.72976	0.2916376	0.21964622	2.7205302	20	6 21.9	21.3
352837 2008 VU_{16}	17.9	X	333.35131	134.40506	63.79603	3.55745	0.1407097	0.28388732	2.2928310	20	1 20.0	20.5
352838 2008 VO_{50}	17.8	X	93.73480	75.73974	261.95701	0.46923	0.1951060	0.26730558	2.3866974	20	—	—
352839 2008 VK_{68}	16.4	X	0.21791	245.22409	125.64763	4.53954	0.2996937	0.24341076	2.5404435	20	12 26.6	19.1
352840 2008 VS_{68}	16.7	X	186.50729	310.00915	277.91886	3.11270	0.1735300	0.24059028	2.5602595	20	12 20.7	20.6
352841 2008 VR_{72}	17.1	X	242.74346	197.31678	267.78997	3.09931	0.1412300	0.23026336	2.6362474	20	9 18.9	20.7
352842 2008 VX_{72}	17.0	X	167.73928	233.26325	76.83108	7.70714	0.0890115	0.27258470	2.3557818	20	—	—
352843 2008 VO_{73}	17.6	X	341.20805	118.26578	65.25123	5.89109	0.1679264	0.27797714	2.3252161	20	1 8.0	20.1
352844 2008 VW_{75}	16.3	X	263.04618	25.23557	91.50961	12.96153	0.0990816	0.23836461	2.5761720	20	11 14.9	19.6
352845 2008 VN_{78}	17.2	X	341.05066	333.92177	146.74258	4.41846	0.1606961	0.26084009	2.4259759	20	—	—
352846 2008 WY_{11}	18.4	X	14.81032	255.92770	182.22597	0.92108	0.1631126	0.26374525	2.4081283	20	—	—
352847 2008 WB_{22}	17.2	X	277.37055	152.30523	291.29566	1.68589	0.1467741	0.24213114	2.5493862	20	10 11.2	20.0
352848 2008 WX_{22}	17.3	X	68.31910	359.41927	49.55986	8.07907	0.0524551	0.27188531	2.3598200	20	—	—
352849 2008 WT_{24}	17.8	X	43.58618	265.75129	145.78901	2.04037	0.1421429	0.26557802	2.3970364	20	—	—
352850 2008 WE_{25}	17.8	X	26.97154	250.85363	169.57432	2.46691	0.1749133	0.26375323	2.4080797	20	—	—
352851 2008 WF_{31}	17.9	X	21.45858	46.32761	42.45865	3.39411	0.1420573	0.26500532	2.4004886	20	—	—
352852 2008 WO_{40}	17.5	X	213.32691	59.78037	232.21457	6.67803	0.1245449	0.27920355	2.3184021	20	1 6.6	21.0
352853 2008 WZ_{60}	17.6	X	352.86376	222.05531	247.91437	4.50782	0.1872043	0.26299116	2.4127294	20	—	—
352854 2008 WO_{62}	17.5	X	25.62832	276.10524	205.48731	5.89036	0.0438618	0.27659920	2.3329321	20	1 5.9	20.2
352855 2008 WG_{66}	17.4	X	18.16411	135.52606	278.63675	1.57097	0.1688557	0.26037456	2.4288667	20	—	—
352856 2008 WK_{67}	17.0	X	57.99747	257.73348	79.28261	7.47899	0.1221824	0.25266528	2.4780249	20	—	—
352857 2008 WB_{84}	16.3	X	52.97888	20.79891	297.40201	4.41005	0.1861140	0.24627384	2.5207156	20	12 10.2	19.9
352858 2008 WV_{84}	17.0	X	78.74471	104.73912	264.68365	6.30373	0.1257975	0.26331380	2.4107581	20	—	—
352859 2008 WX_{85}	17.4	X	22.07283	278.36896	167.46291	2.45319	0.1688737	0.26257779	2.4152609	20	—	—
352860 Monflier	17.3	X	148.90108	339.31755	13.01007	2.98010	0.2242039	0.28045845	2.3114812	20	1 28.7	20.7
352861 2008 WB_{98}	16.4	X	330.93620	45.81289	286.34400	8.87505	0.2587232	0.24053144	2.5606771	20	7 27.8	18.2
352862 2008 WU_{109}	17.6	X	344.37206	66.01169	61.91411	6.79743	0.0843388	0.26610220	2.3938875	20	—	—
352863 2008 WT_{112}	17.3	X	290.00436	336.62456	246.40364	1.39536	0.1665551	0.27433476	2.3457523	20	—	—
352864 2008 WF_{115}	17.1	X	266.22665	329.90997	249.23552	6.38227	0.0648000	0.26996761	2.3709821	20	—	—
352865 2008 WP_{116}	16.9	X	316.71014	291.80690	253.88047	4.34919	0.0465383	0.27219056	2.3580554	20	—	—
352866 2008 WK_{121}	17.1	X	357.32473	269.88665	88.04524	6.13910	0.1226457	0.23728522	2.5839786	20	11 5.9	20.0
352867 2008 WA_{125}	17.5	X	320.15376	22.92205	118.15015	3.03012	0.1280919	0.25616751	2.4553874	20	—	—
352868 2008 WG_{139}	17.4	X	84.84210	290.79614	102.27232	7.26482	0.1305234	0.26921498	2.3753990	20	—	—
352869 2008 WL_{140}	16.5	X	292.39944	253.14825	217.21364	13.70720	0.0735847	0.25287532	2.4766525	20	12 23.2	19.6
352870 2008 XD_{4}	15.9	X	337.11927	291.07529	84.64946	16.28772	0.1701406	0.23829931	2.5766426	20	11 3.7	18.6
352871 2008 XJ_{8}	17.3	X	43.83995	286.31221	130.89635	9.87814	0.2043154	0.26711379	2.3878398	20	—	—
352872 2008 XO_{30}	16.9	X	269.04850	143.58719	324.13708	12.56988	0.2124827	0.23203136	2.6228387	20	10 12.4	20.3
352873 2008 XY_{31}	16.9	X	139.56264	6.38022	282.80368	5.27201	0.1367774	0.26019637	2.4299755	20	—	—
352874 2008 XF_{34}	17.7	X	8.36539	203.79095	282.13752	6.23261	0.0501852	0.27107479	2.3645217	20	—	—
352875 2008 XO_{43}	16.9	X	318.64883	359.84591	44.75203	3.73296	0.1537999	0.23901330	2.5715087	20	10 31.6	19.2
352876 2008 XR_{43}	16.1	X	237.80517	8.74508	132.06295	13.90107	0.1200257	0.23004740	2.6378970	20	11 8.5	19.9
352877 2008 XU_{47}	17.5	X	335.64982	87.97641	274.26376	2.73921	0.2374571	0.23539037	2.5978272	20	10 2.3	19.4
352878 2008 XX_{48}	17.3	X	279.06087	67.20602	349.11261	1.72151	0.1379856	0.22775939	2.6555339	20	9 5.3	20.5
352879 2008 XK_{52}	16.5	X	249.11688	229.86312	244.96955	10.42939	0.1027640	0.23859765	2.5744944	20	10 16.2	20.1
352880 2008 YH_{3}	15.3	X	223.47760	50.84667	49.87595	25.69910	0.1540751	0.21891613	2.7265756	20	9 5.9	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352881 2008 YO_3	16.9	X	61.04481	307.04757	78.17605	5.75220	0.0324848	0.26097852	2.4251180	20	—	—
352882 2008 YO_4	17.0	X	0.83240	91.27992	302.41815	6.53081	0.2196239	0.24358645	2.5392218	20	—	—
352883 2008 YJ_9	17.7	X	359.75543	266.31963	190.49029	5.26192	0.1889539	0.26117408	2.4239072	20	—	—
352884 2008 YZ_{10}	17.1	X	296.59373	331.85044	251.30083	8.33862	0.1562803	0.27502795	2.3418091	20	1 3.0	20.3
352885 2008 YJ_{13}	15.9	X	260.00985	30.62723	109.04101	14.63209	0.1829915	0.23959134	2.5673711	20	11 28.4	19.1
352886 2008 YT_{20}	17.1	X	240.42247	273.61050	287.14471	2.44656	0.1609901	0.24591468	2.5231694	20	—	—
352887 2008 YP_{32}	17.7	X	46.99234	344.97460	88.66760	7.38114	0.0612651	0.26987734	2.3715107	20	—	—
352888 2008 YQ_{34}	17.3	X	221.28495	37.44389	131.30607	4.09007	0.1539025	0.23620339	2.5918625	20	11 16.6	21.1
352889 2008 YF_{35}	16.5	X	287.96181	267.56623	126.29365	9.69195	0.1034087	0.22179074	2.7029651	20	8 24.9	19.8
352890 2008 YJ_{37}	17.2	X	287.40997	304.47698	125.98424	3.73411	0.1916689	0.23453203	2.6041617	20	10 4.0	19.9
352891 2008 YQ_{41}	17.9	X	113.44931	122.56793	229.31371	5.36402	0.1100241	0.26798275	2.3826751	20	—	—
352892 2008 YD_{48}	17.4	X	291.30662	317.28256	99.28917	4.11162	0.1177199	0.23112127	2.6297196	20	10 1.4	20.4
352893 2008 YR_{50}	16.5	X	294.98505	295.66115	88.75011	6.27535	0.0613030	0.22097985	2.7095735	20	8 29.5	19.9
352894 2008 YA_{53}	16.4	X	75.68748	157.68258	109.59038	15.44004	0.0508195	0.22496470	2.6774814	20	10 19.7	20.4
352895 2008 YW_{54}	17.3	X	255.81629	17.48115	93.31653	7.12827	0.1365481	0.23219573	2.6216008	20	10 20.1	20.7
352896 2008 YK_{62}	16.6	X	196.32306	86.94374	136.29797	6.55094	0.1302278	0.24283061	2.5444881	20	12 29.8	20.2
352897 2008 YP_{66}	17.2	X	141.27305	165.26940	226.52530	7.42561	0.1312394	0.29113008	2.2546441	20	2 24.8	20.4
352898 2008 YL_{71}	16.8	X	188.91037	195.37458	332.66766	9.22286	0.2079813	0.21895582	2.7262461	20	10 2.9	21.4
352899 2008 YL_{76}	17.2	X	306.50711	184.48748	254.04227	4.64733	0.2716094	0.24268623	2.5454972	20	11 19.6	18.6
352900 2008 YQ_{84}	17.3	X	212.26465	188.06021	30.43409	2.05464	0.1249716	0.24686493	2.5166904	20	—	—
352901 2008 YW_{96}	17.1	X	77.93297	295.20596	72.74488	2.00245	0.2274119	0.25736694	2.4477527	20	—	—
352902 2008 YV_{101}	17.1	X	25.44759	128.69423	273.25539	3.32653	0.1717762	0.25284955	2.4768208	20	—	—
352903 2008 YB_{102}	17.0	X	188.71546	165.50311	128.85194	7.16683	0.1272001	0.26150754	2.4218463	20	—	—
352904 2008 YX_{103}	17.5	X	85.60825	50.47342	297.44825	13.95161	0.1405867	0.25212526	2.4815621	20	—	—
352905 2008 YF_{106}	16.2	X	0.44746	179.31554	113.01321	10.78203	0.0975687	0.21289679	2.7777297	20	8 1.8	19.3
352906 2008 YW_{106}	16.9	X	197.10566	164.71719	76.04737	3.15243	0.0786971	0.24647041	2.5193752	20	—	—
352907 2008 YH_{109}	16.8	X	347.89662	356.53409	62.92456	1.90879	0.1732842	0.24549229	2.5260628	20	—	—
352908 2008 YV_{114}	16.5	X	310.81488	291.52869	105.61031	14.95769	0.0459184	0.23150686	2.6267988	20	10 18.1	20.1
352909 2008 YD_{121}	16.6	X	91.00607	239.92000	94.06255	7.50196	0.1607566	0.25269808	2.4778105	20	—	—
352910 2008 YQ_{122}	16.5	X	263.92079	269.57696	126.24200	8.38521	0.1229428	0.22143102	2.7058917	20	7 18.8	20.2
352911 2008 YF_{124}	17.1	X	321.89452	119.57005	269.05104	4.39238	0.1154076	0.23348787	2.6119198	20	10 11.3	19.9
352912 2008 YY_{135}	17.1	X	236.69505	297.04722	294.25185	6.68503	0.1034636	0.25860132	2.4399573	20	—	—
352913 2008 YW_{138}	16.4	X	292.88166	289.88999	130.75766	8.84077	0.0394000	0.23021480	2.6366181	20	10 19.8	19.9
352914 2008 YH_{139}	17.3	X	358.26591	0.57395	127.73318	2.55068	0.1392423	0.26200627	2.4187720	20	—	—
352915 2008 YA_{142}	16.6	X	201.67695	192.92422	303.87671	9.81363	0.1441001	0.22560474	2.6724150	20	9 10.4	20.8
352916 2008 YB_{145}	16.9	X	96.75766	323.42164	275.17971	4.19506	0.0187798	0.22383477	2.6864846	20	9 24.2	20.6
352917 2008 YJ_{145}	16.9	X	298.72579	103.72531	283.76138	2.98130	0.1104467	0.22528188	2.6749677	20	8 29.6	19.9
352918 2008 YX_{153}	16.4	X	294.75988	30.20765	49.42356	10.44569	0.1812720	0.23831111	2.5765576	20	11 2.3	18.8
352919 2008 YM_{157}	17.6	X	127.14377	280.65410	52.15326	1.91363	0.2084594	0.26666254	2.3905328	20	—	—
352920 2008 YS_{157}	16.0	X	257.98963	137.59694	310.38119	21.52381	0.0430449	0.22583977	2.6705606	20	9 19.1	20.0
352921 2008 YX_{159}	17.3	X	290.40455	346.90264	105.02214	6.01140	0.1370546	0.23445898	2.6047026	20	11 16.5	20.2
352922 2008 YF_{165}	16.8	X	251.76772	91.83497	24.47547	7.66640	0.1542022	0.23487516	2.6016248	20	10 16.1	20.2
352923 2008 YA_{167}	16.0	X	1.93342	272.84006	74.39330	6.39832	0.2899936	0.23946138	2.5682999	20	11 23.7	18.4
352924 2008 YR_{167}	17.9	X	40.04449	291.53775	117.12977	2.16767	0.1747227	0.26318247	2.4115600	20	—	—
352925 2008 YL_{169}	16.5	X	134.13378	105.49620	99.12673	15.02802	0.0737394	0.22486558	2.6782682	20	10 10.2	20.8
352926 2008 YG_{170}	16.7	X	148.47295	130.20123	115.18689	12.43104	0.1470077	0.22896879	2.6461748	20	12 8.0	21.0
352927 2008 YG_{171}	17.4	X	302.79063	244.04028	195.19276	2.98103	0.2244240	0.24152046	2.5536817	20	11 15.4	19.4
352928 2009 AK_2	16.8	X	348.96767	152.38536	209.64161	2.10644	0.2627823	0.23844002	2.5756288	20	11 12.5	18.7
352929 2009 AK_{13}	17.2	X	307.22287	176.74880	235.23987	2.44187	0.1423957	0.23602625	2.5931592	20	10 18.6	19.6
352930 2009 AA_{25}	17.5	X	308.11995	315.17058	134.91118	4.38825	0.1286988	0.24102880	2.5571533	20	12 17.4	20.0
352931 2009 AR_{26}	16.9	X	292.52129	281.48860	112.14135	6.35299	0.0765587	0.22471424	2.6794705	20	9 5.6	20.2
352932 2009 AX_{27}	16.7	X	162.36598	82.16599	93.35959	3.34855	0.0245703	0.22394123	2.6856330	20	9 28.9	20.3
352933 2009 AU_{28}	16.1	X	108.68061	285.93719	308.68015	10.16024	0.1459903	0.22257877	2.6965816	20	10 11.6	20.5
352934 2009 AJ_{30}	16.4	X	89.32423	232.70235	132.67617	6.29639	0.1161520	0.26008475	2.4306707	20	—	—
352935 2009 AJ_{33}	16.7	X	292.43176	341.86612	121.85198	6.94347	0.1334770	0.23919362	2.5702162	20	12 7.7	19.4
352936 2009 AG_{36}	17.7	X	303.98112	340.02809	140.52806	1.93795	0.0832739	0.24402386	2.5361865	20	—	—
352937 2009 AM_{36}	16.8	X	21.11285	71.75469	312.45716	2.30713	0.2626617	0.24570852	2.5245806	20	—	—
352938 2009 AJ_{44}	16.6	X	127.45160	151.94118	140.04266	14.41823	0.0869643	0.24040468	2.5615771	20	—	—
352939 2009 AY_{44}	16.4	X	280.27497	41.32132	71.52325	15.18678	0.1269012	0.23692627	2.5865879	20	11 28.8	19.1
352940 2009 AJ_{45}	16.9	X	164.10523	87.81047	132.05291	3.36247	0.0710277	0.23110405	2.6298502	20	11 24.6	20.8
352941 2009 AL_{45}	18.0	X	320.45763	289.52553	150.80364	3.02642	0.1874449	0.24177271	2.5519052	20	12 29.2	20.1
352942 2009 AT_{49}	17.5	X	286.22540	80.88683	352.78664	2.76557	0.1913518	0.23616081	2.5921741	20	10 4.4	20.2
352943 2009 BB_7	16.5	X	228.25871	178.23677	293.54918	16.68364	0.1111693	0.22535862	2.6743604	20	9 6.1	20.7
352944 2009 BS_7	16.8	X	332.29917	233.33318	184.01405	4.81036	0.2401688	0.24229534	2.5482342	20	12 26.5	18.9
352945 2009 BL_{10}	16.9	X	282.20811	307.57902	111.02860	7.41766	0.0831061	0.22868983	2.6483262	20	9 25.6	20.3
352946 2009 BP_{11}	16.1	X	225.28060	235.90969	252.89515	7.86486	0.0771487	0.22968694	2.6406561	20	10 5.6	20.0
352947 2009 BU_{12}	16.0	X	287.45221	306.42476	130.43819	22.59537	0.0345449	0.23288346	2.6164370	20	11 8.9	19.9
352948 2009 BM_{13}	15.5	X	108.52673	245.86572	314.20151	22.68701	0.1978850	0.21094127	2.7948704	20	8 30.1	20.2
352949 2009 BJ_{15}	17.5	X	20.83870	153.66448	281.41469	5.67703	0.1057131	0.25752456	2.4467539	20	—	—
352950 2009 BA_{17}	16.8	X	230.39079	220.06719	312.70305	12.48736	0.1178981	0.23895687	2.5719136	20	12 6.2	20.5
352951 2009 BC_{20}	17.0	X	238.24012	268.68693	303.35826	9.07327	0.2244838	0.24711729	2.5149767	20	—	—
352952 2009 BU_{22}	17.2	X	266.43058	144.13064	327.54683	14.47917	0.0982697	0.23347551	2.6120120	20	10 31.9	20.8
352953 2009 BA_{24}	16.3	X	264.11017	247.44289	122.71601	13.28869	0.1148639	0.20857059	2.8160088	20	6 16.8	20.4
352954 2009 BB_{24}	17.2	X	326.17532	354.21742	72.35841	4.35349	0.1133037	0.23822875	2.5771514	20	12 15.2	20.0
352955 2009 BS_{27}	17.2	X	348.38848	62.95408	359.03908	3.62415	0.1378616	0.24563362	2.5250938	20	—	—
352956 2009 BJ_{35}	16.6	X	236.21118	323.12969	104.10430	6.36208	0.1085756	0.21713264	2.7414856	20	7 28.5	20.6
352957 2009 BM_{35}	17.0	X	72.51542	303.43367	17.66502	3.61126	0.0701241	0.23694533	2.5864492	20	12 19.9	20.6
352958 2009 BC_{36}	17.3	X	167.98662	84.07105	33.76152	3.04335	0.1343554	0.21088270	2.7953879	20	7 19.8	21.8
352959 2009 BP_{38}	17.0	X	108.79712	295.47628	337.59416	4.57277	0.0273044	0.23260693	2.6185102	20	11 26.3	20.7
352960 2009 BT_{40}	17.4	X	6.86330	65.78602	339.00480	5.17576	0.1931431	0.24515623	2.5283707	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
352961 2009 BE_{41}	16.7	X	34.79431	256.41250	105.71038	4.48294	0.0812873	0.23746632	2.5826648	20	12 27.9	19.9
352962 2009 BX_{45}	17.2	X	186.89570	315.35571	193.20431	2.61032	0.1038555	0.22039284	2.7143826	20	9 16.2	21.4
352963 2009 BA_{46}	16.6	X	1.18336	269.28806	148.72164	12.69704	0.1189249	0.24395700	2.5366499	20	—	—
352964 2009 BG_{48}	17.5	X	279.94802	293.69210	113.96574	2.95966	0.1060917	0.22457151	2.6806057	20	8 31.2	20.7
352965 2009 BN_{48}	17.7	X	278.94342	161.10338	325.30858	3.52293	0.1585227	0.23819707	2.5773799	20	12 10.9	20.4
352966 2009 BS_{48}	17.0	X	293.75884	265.91645	141.66594	13.40847	0.2724835	0.22823321	2.6518574	20	8 27.1	19.8
352967 2009 BG_{49}	17.8	X	306.58335	123.26124	314.20891	2.32998	0.1978890	0.23936680	2.5689763	20	11 21.5	19.9
352968 2009 BN_{54}	17.4	X	181.72549	128.78201	123.02292	12.55916	0.1258266	0.24290760	2.5439504	20	—	—
352969 2009 BQ_{54}	16.6	X	262.89498	7.64361	101.48489	4.49142	0.1540649	0.23323221	2.6138281	20	10 23.9	19.8
352970 2009 BF_{59}	16.9	X	168.50665	104.02754	100.92956	3.56855	0.1503729	0.23165552	2.6256749	20	11 7.5	21.0
352971 2009 BV_{61}	16.8	X	347.89524	45.95330	310.81034	6.24553	0.2141986	0.22791675	2.6543115	20	10 18.5	19.2
352972 2009 BG_{64}	16.7	X	282.42522	153.31554	16.63679	6.16004	0.0735981	0.25189478	2.4830756	20	—	—
352973 2009 BS_{64}	16.5	X	323.44691	49.31876	38.65367	8.08545	0.1962535	0.24558007	2.5254608	20	—	—
352974 2009 BV_{65}	17.8	X	330.19594	288.44204	164.12722	2.14473	0.1826284	0.24517727	2.5282261	20	—	—
352975 2009 BA_{67}	16.7	X	148.64188	299.90622	311.23347	7.47449	0.1627505	0.23140430	2.6275749	20	12 13.1	21.1
352976 2009 BB_{67}	17.0	X	246.82311	230.97543	173.66150	4.06761	0.0701410	0.21094904	2.7948018	20	7 15.1	20.9
352977 2009 BK_{67}	17.5	X	239.55218	340.92423	180.34052	2.09982	0.1464871	0.23496055	2.6009944	20	11 29.2	20.8
352978 2009 BA_{75}	16.5	X	319.73672	15.44194	27.37421	7.22671	0.2999071	0.23914741	2.5705472	20	10 26.5	17.8
352979 2009 BJ_{75}	16.5	X	256.84935	37.76634	62.52543	14.05708	0.1716209	0.23103445	2.6303784	20	10 5.9	20.2
352980 2009 BP_{75}	16.6	X	349.57619	329.35700	103.91727	9.23573	0.1568588	0.24575701	2.5242485	20	—	—
352981 2009 BQ_{76}	16.4	X	213.82735	69.43148	92.80132	8.56687	0.1294437	0.23134233	2.6280441	20	11 4.1	20.3
352982 2009 BO_{79}	16.3	X	273.14884	97.69110	316.76750	14.14280	0.1101988	0.22597420	2.6695013	20	8 25.9	19.8
352983 2009 BP_{82}	16.4	X	343.25794	6.20758	35.96652	7.00296	0.2612290	0.24230880	2.5481398	20	—	—
352984 2009 BN_{93}	17.4	X	307.25832	163.74197	295.82185	3.50986	0.1541507	0.24144974	2.5541803	20	12 29.1	19.6
352985 2009 BG_{95}	17.0	X	121.74458	324.01429	334.31927	3.64456	0.0369126	0.24595396	2.5229008	20	—	—
352986 2009 BA_{99}	16.8	X	266.63202	74.38814	359.87372	10.36513	0.1708516	0.22897616	2.6461179	20	9 8.3	20.0
352987 2009 BY_{99}	16.7	X	261.04988	41.40777	115.71840	12.75164	0.1163983	0.23924983	2.5698136	20	12 29.9	19.7
352988 2009 BF_{101}	16.6	X	210.34219	23.29943	85.59063	13.21275	0.1005386	0.22064594	2.7123064	20	8 28.1	20.8
352989 2009 BG_{103}	16.4	X	266.70185	212.01480	280.77100	9.47112	0.1231922	0.23523531	2.5989686	20	12 3.1	19.5
352990 2009 BV_{103}	17.2	X	295.36621	117.31009	302.12597	2.60290	0.0876544	0.22763339	2.6565138	20	10 10.9	20.3
352991 2009 BU_{104}	17.0	X	149.53719	110.15838	147.42180	12.01259	0.2750764	0.22974927	2.6401785	20	12 19.6	21.9
352992 2009 BN_{108}	16.7	X	135.85405	95.34900	131.51524	6.69440	0.0538466	0.22279340	2.6948494	20	11 2.8	20.7
352993 2009 BR_{108}	17.1	X	236.45374	62.02638	68.57360	2.75191	0.0838463	0.22627212	2.6671577	20	10 24.6	20.7
352994 2009 BO_{111}	16.2	X	25.29526	64.12516	310.43888	24.81078	0.0859069	0.23908735	2.5709778	20	—	—
352995 2009 BZ_{111}	16.3	X	324.71262	35.29592	298.92836	12.27503	0.1946834	0.21721656	2.7407795	20	7 20.9	18.7
352996 2009 BV_{112}	16.4	X	164.65925	126.68185	2.91963	14.93984	0.0889212	0.20438752	2.8543012	20	8 4.8	21.0
352997 2009 BM_{116}	17.1	X	191.03470	264.73508	331.70058	2.49779	0.1713523	0.24282790	2.5445070	20	—	—
352998 2009 BC_{121}	16.7	X	123.58510	300.93806	316.19278	12.11806	0.2418317	0.22509136	2.6764769	20	11 27.6	21.6
352999 2009 BL_{125}	16.7	X	279.75592	138.67074	339.82319	8.10551	0.0808078	0.23543399	2.5975063	20	12 8.8	19.9
353000 2009 BQ_{125}	17.1	X	221.34124	231.21701	315.00348	2.48456	0.0950948	0.23661892	2.5888273	20	12 15.5	20.7
353001 2009 BX_{125}	16.8	X	270.31215	50.93031	329.05648	1.73032	0.1155904	0.21293740	2.7773764	20	7 6.9	20.6
353002 2009 BC_{127}	17.7	X	279.40721	196.70428	307.69861	3.96900	0.1002617	0.24266401	2.5456526	20	—	—
353003 2009 BK_{129}	17.0	X	328.11952	19.33681	78.54368	2.80665	0.0315422	0.24261876	2.5459691	20	—	—
353004 2009 BH_{141}	16.7	X	265.63439	202.12142	323.13802	14.96942	0.0470784	0.24447841	2.5330419	20	—	—
353005 2009 BQ_{143}	16.4	X	315.08820	201.65089	132.78687	5.59454	0.1255547	0.21147340	2.7901799	20	7 10.2	19.5
353006 2009 BQ_{145}	16.7	X	65.00426	243.87882	343.56199	3.79572	0.0054586	0.21032359	2.8003398	20	7 29.1	20.6
353007 2009 BE_{149}	16.3	X	289.80901	253.11497	110.35034	5.45885	0.0868737	0.21260324	2.7802859	20	7 16.5	19.9
353008 2009 BV_{150}	17.5	X	239.55200	273.13483	265.78139	4.24169	0.1531266	0.24166769	2.5526444	20	12 22.4	20.7
353009 2009 BJ_{152}	17.2	X	276.98669	112.92647	340.08931	6.43412	0.1587282	0.23504879	2.6003434	20	10 18.4	20.1
353010 2009 BH_{156}	17.1	X	95.66504	289.66654	326.77077	4.05451	0.0664777	0.22078002	2.7112082	20	10 21.3	21.0
353011 2009 BY_{156}	17.0	X	272.81529	329.85394	153.79748	4.45834	0.1930375	0.23575173	2.5951719	20	11 22.1	19.8
353012 2009 BP_{161}	16.3	X	111.01262	287.02319	278.53219	6.53018	0.1610473	0.21314222	2.7755969	20	9 9.9	20.7
353013 2009 BD_{163}	17.0	X	283.54304	336.89247	107.93169	6.30210	0.1552379	0.23292999	2.6160885	20	10 24.2	20.0
353014 2009 BF_{166}	17.0	X	46.50500	49.57611	317.87181	4.12736	0.0735048	0.24018360	2.5631488	20	—	—
353015 2009 BM_{167}	17.2	X	254.99929	103.76897	11.58091	12.96531	0.2271359	0.23184218	2.6242654	20	10 6.8	20.7
353016 2009 BX_{169}	16.4	X	161.56726	246.04611	318.80211	14.11412	0.0383001	0.23134136	2.6280514	20	10 27.8	20.5
353017 2009 BE_{170}	17.0	X	229.93431	192.79208	330.31971	8.83648	0.0280025	0.23405921	2.6076675	20	12 4.8	20.7
353018 2009 BX_{170}	16.2	X	281.18629	75.63883	327.01921	21.89354	0.1505775	0.22030518	2.7151026	20	8 18.1	19.6
353019 2009 BU_{173}	17.5	X	160.54772	93.99044	137.12971	3.19952	0.0287146	0.23243401	2.6198088	20	12 6.8	21.2
353020 2009 BN_{174}	17.1	X	92.68235	126.38862	153.52005	6.91203	0.1038156	0.22466759	2.6798414	20	11 23.9	21.2
353021 2009 BK_{175}	16.0	X	346.26875	300.43188	120.32657	14.82376	0.1714331	0.24100076	2.5573516	20	—	—
353022 2009 BF_{178}	16.3	X	355.62468	4.61202	336.07433	15.72796	0.1157848	0.21737778	2.7394242	20	9 25.9	19.7
353023 2009 BY_{180}	15.7	X	113.47246	153.99214	80.07184	14.63702	0.1663649	0.21303344	2.7765417	20	10 26.9	20.4
353024 2009 BW_{182}	16.9	X	334.63546	260.51013	152.61012	12.01334	0.1774436	0.23900963	2.5715351	20	12 18.2	19.6
353025 2009 BV_{186}	16.9	X	239.46496	25.21609	133.28918	13.97237	0.2175404	0.23242133	2.6199041	20	11 18.8	20.7
353026 2009 BJ_{188}	16.4	X	254.73159	275.99814	289.23421	12.85397	0.1239949	0.24517010	2.5282754	20	—	—
353027 2009 CX_{7}	16.8	X	106.12384	79.70610	131.47672	13.72419	0.0529356	0.21986712	2.7187077	20	9 8.9	20.7
353028 2009 CV_{15}	17.4	X	231.13845	347.03422	186.34416	1.04432	0.1083056	0.23434104	2.6055764	20	12 9.1	20.7
353029 2009 CH_{17}	16.2	X	142.98847	71.25347	145.63075	15.53922	0.0700526	0.22538413	2.6741586	20	11 1.5	20.4
353030 2009 CJ_{21}	17.3	X	177.68017	75.34176	143.89168	11.24157	0.0775729	0.23516018	2.5995221	20	12 9.9	21.2
353031 2009 CX_{22}	17.7	X	239.99612	344.39669	174.30069	3.50188	0.1620985	0.23611257	2.5925272	20	11 24.8	21.1
353032 2009 CL_{25}	17.1	X	281.11413	345.71733	108.23923	3.77490	0.0672846	0.23099670	2.6306649	20	11 10.7	20.3
353033 2009 CX_{27}	17.3	X	248.26762	103.12905	339.28313	4.34655	0.2291809	0.22397246	2.6853834	20	8 16.3	21.3
353034 2009 CZ_{29}	16.7	X	80.53960	166.52626	113.11383	4.30389	0.0733622	0.22341608	2.6898399	20	11 6.6	20.6
353035 2009 CG_{32}	16.2	X	197.64098	37.67303	342.35086	10.83408	0.0899351	0.19086299	2.9875940	20	4 13.4	20.9
353036 2009 CQ_{34}	17.6	X	271.13928	117.41411	343.51144	8.09563	0.0788524	0.23319846	2.6140804	20	10 30.7	20.9
353037 2009 CY_{40}	17.6	X	320.66520	277.95016	168.37952	3.14450	0.1375203	0.24314819	2.5422721	20	—	—
353038 2009 CW_{43}	17.6	X	298.74840	302.64332	160.57642	2.96692	0.0861986	0.23955961	2.5675978	20	12 19.9	20.4
353039 2009 CM_{46}	17.5	X	344.49386	88.17005	314.83388	2.21717	0.1469762	0.24043372	2.5613708	20	12 18.4	20.0
353040 2009 CO_{47}	16.8	X	296.03397	262.09047	130.94962	8.77588	0.2519883	0.22139188	2.7062106	20	8 11.9	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353041 2009 CO_{51}	16.7	X	304.26578	358.51925	111.89022	5.56372	0.0904194	0.24066676	2.5597171	20	—	—
353042 2009 CP_{53}	16.6	X	178.35247	109.48613	133.11544	6.24181	0.0131988	0.24055034	2.5605429	20	—	—
353043 2009 CG_{59}	17.4	X	245.96341	31.15226	123.63268	3.38947	0.1539275	0.23376953	2.6098214	20	11 28.2	20.6
353044 2009 DU_{1}	16.4	X	71.37268	36.38605	301.57830	12.11310	0.1550940	0.24209515	2.5496388	20	—	—
353045 2009 DT_{9}	16.5	X	176.71143	33.64553	150.37316	11.29441	0.1755716	0.22008228	2.7169355	20	10 20.4	21.1
353046 2009 DZ_{14}	16.6	X	181.47991	347.23208	122.06324	8.83749	0.1726295	0.21010357	2.8022944	20	7 20.4	21.0
353047 2009 DP_{25}	16.4	X	249.86747	254.34405	144.86862	15.08894	0.2571218	0.21473918	2.7618188	20	6 20.4	21.0
353048 2009 DG_{26}	17.1	X	303.80031	154.41906	300.06592	3.35395	0.2247456	0.24065570	2.5597956	20	12 10.8	19.0
353049 2009 DN_{28}	16.0	X	201.54672	180.53716	165.46350	11.92761	0.0965100	0.18064962	3.0991649	20	3 12.8	20.7
353050 2009 DZ_{35}	16.4	X	251.62397	61.42629	23.23381	5.66356	0.0142261	0.21235645	2.7824396	20	9 23.1	20.1
353051 2009 DA_{42}	16.5	X	270.35353	151.00316	327.51055	9.95418	0.1515792	0.23367859	2.6104984	20	11 11.4	19.8
353052 2009 DN_{42}	17.2	X	233.28563	340.67871	234.48721	1.11717	0.1381801	0.24469037	2.5315789	20	—	—
353053 2009 DT_{45}	16.3	X	1.78005	195.84617	160.33872	9.89022	0.1172977	0.22403444	2.6848881	20	11 7.9	19.6
353054 2009 DJ_{49}	16.9	X	199.28475	138.62804	3.48535	4.72523	0.0411138	0.21575203	2.7531685	20	9 26.7	20.8
353055 2009 DU_{50}	16.2	X	246.63047	80.68708	358.86798	5.03463	0.0440577	0.21199331	2.7856162	20	9 4.7	20.0
353056 2009 DK_{52}	16.7	X	269.22354	358.73923	64.81578	5.02044	0.1024106	0.22453680	2.6808820	20	9 8.6	20.1
353057 2009 DC_{54}	17.6	X	317.65378	297.90876	125.14081	2.75681	0.0624302	0.23203149	2.6228377	20	11 24.3	20.8
353058 2009 DM_{56}	16.8	X	319.20304	259.45940	136.45375	6.23422	0.0863554	0.22313225	2.6921205	20	10 20.6	20.0
353059 2009 DV_{58}	16.6	X	235.78070	325.34180	135.67117	5.54754	0.1247779	0.21958712	2.7210184	20	9 9.1	20.4
353060 2009 DB_{64}	16.2	X	161.33123	203.33100	21.27428	12.46580	0.1290087	0.22469826	2.6795976	20	11 20.1	20.5
353061 2009 DM_{65}	16.4	X	204.64779	325.99916	316.21077	9.54262	0.2345107	0.25504628	2.4625783	20	—	—
353062 2009 DZ_{66}	17.7	X	250.89058	234.83744	258.96633	1.66636	0.0749322	0.23131866	2.6282233	20	11 17.9	20.9
353063 2009 DJ_{69}	16.8	X	127.55653	43.44251	177.97019	2.51558	0.0645098	0.21992927	2.7181955	20	10 15.4	20.8
353064 2009 DO_{71}	16.7	X	184.84268	39.11613	159.80626	12.25579	0.1318022	0.22636316	2.6664424	20	11 17.9	21.0
353065 2009 DZ_{75}	17.3	X	343.18540	277.63767	131.64209	3.16118	0.1835344	0.24059920	2.5601963	20	12 29.5	19.7
353066 2009 DG_{77}	16.7	X	221.98292	237.07396	313.66819	2.04721	0.2413254	0.23268060	2.6179576	20	12 1.5	20.5
353067 2009 DU_{78}	17.1	X	297.20945	61.33985	58.87207	4.08197	0.1021666	0.24029512	2.5623557	20	—	—
353068 2009 DY_{78}	16.9	X	0.87578	11.84278	358.15965	5.51459	0.0448510	0.22527237	2.6750430	20	11 12.3	20.4
353069 2009 DJ_{82}	16.8	X	157.74850	99.24302	141.24949	6.38777	0.0745139	0.22673952	2.6634910	20	12 11.9	20.8
353070 2009 DJ_{83}	16.5	X	101.08741	116.16330	153.28819	2.17740	0.2448244	0.21486455	2.7607445	20	11 26.1	21.3
353071 2009 DP_{83}	17.0	X	235.90751	130.31231	24.18786	3.26812	0.0469022	0.22663714	2.6642931	20	11 27.6	20.4
353072 2009 DZ_{86}	16.8	X	246.18853	113.84301	338.94666	6.33805	0.0580793	0.21799426	2.7342570	20	9 18.2	20.4
353073 2009 DE_{88}	17.1	X	259.46021	295.72695	175.42736	4.66695	0.2004918	0.22648214	2.6655085	20	10 11.8	20.4
353074 2009 DA_{92}	16.5	X	55.08874	135.39673	148.78404	6.36255	0.1046438	0.21223377	2.7835117	20	10 15.5	20.3
353075 2009 DO_{94}	16.4	X	255.51534	311.33410	122.48094	6.69365	0.0809131	0.21402219	2.7679836	20	9 4.6	20.1
353076 2009 DG_{95}	16.3	X	312.37406	339.35320	41.22624	6.35267	0.0498701	0.21163769	2.7887358	20	9 18.9	19.8
353077 2009 DH_{95}	17.2	X	205.47064	49.02460	122.38489	4.87452	0.0885656	0.22488328	2.6781277	20	11 8.4	21.0
353078 2009 DV_{98}	16.5	X	236.48463	332.34039	154.93008	15.86393	0.1237262	0.22447658	2.6813615	20	10 17.9	20.4
353079 2009 DD_{104}	16.8	X	286.69616	75.48082	5.81056	1.89026	0.1857893	0.22679135	2.6630852	20	10 15.0	19.7
353080 2009 DE_{104}	16.7	X	139.59052	203.87893	1.88950	9.02107	0.1822762	0.21451876	2.7637104	20	10 9.1	21.2
353081 2009 DN_{105}	16.9	X	3.76785	4.73287	348.05943	5.29801	0.0905935	0.21819493	2.7325804	20	10 27.7	20.4
353082 2009 DU_{105}	17.2	X	77.62772	117.62747	180.88835	2.07236	0.0481566	0.22199424	2.7013130	20	11 22.4	20.9
353083 2009 DG_{106}	17.0	X	306.93327	53.74179	61.59482	3.78545	0.1061783	0.24116958	2.5561581	20	—	—
353084 2009 DK_{111}	16.2	X	250.86734	60.02647	108.37166	22.80943	0.0454928	0.23728948	2.5839477	20	—	—
353085 2009 DO_{112}	16.8	X	316.54693	58.68597	344.40804	11.38643	0.0576325	0.22536660	2.6742973	20	10 19.6	20.2
353086 2009 DV_{114}	16.6	X	334.21842	229.83305	139.34422	14.58304	0.1445117	0.22890584	2.6466599	20	10 13.6	19.6
353087 2009 DB_{115}	17.6	X	253.13376	330.54871	217.54372	0.81683	0.0898550	0.24337050	2.5407236	20	—	—
353088 2009 DF_{118}	16.9	X	84.91329	107.29722	174.44894	5.76199	0.0651903	0.22295708	2.6935303	20	11 13.1	20.7
353089 2009 DV_{120}	17.2	X	204.57942	3.97307	156.24812	1.18076	0.0830205	0.22301626	2.6930538	20	10 23.3	21.0
353090 2009 DR_{134}	17.0	X	255.82611	120.73182	346.84772	3.84245	0.0301528	0.22190075	2.7020717	20	10 24.8	20.7
353091 2009 DB_{137}	16.9	X	303.72014	74.75581	346.13996	4.55899	0.0032147	0.22145469	2.7056989	20	10 30.1	20.5
353092 2009 DP_{139}	16.0	X	197.73743	280.90200	271.88984	9.11049	0.1781340	0.22594510	2.6697306	20	11 14.7	20.3
353093 2009 DA_{141}	16.8	X	231.78577	86.84289	51.55911	14.80647	0.1681156	0.22510716	2.6763516	20	10 20.5	20.7
353094 2009 DC_{141}	16.4	X	319.70828	90.26898	161.79923	5.10809	0.0703403	0.18105221	3.0945689	20	4 5.9	20.5
353095 2009 DE_{141}	17.0	X	240.51273	254.79219	167.98699	2.23190	0.0484133	0.20456999	2.8526037	20	8 2.9	20.9
353096 2009 ED_{12}	16.5	X	27.36569	277.08622	24.05720	6.67531	0.0147534	0.21334161	2.7738672	20	9 17.6	20.3
353097 2009 EP_{14}	17.0	X	299.43425	243.99244	5.49219	10.32392	0.1833421	0.26444806	2.4038598	20	2 12.1	20.3
353098 2009 EX_{14}	17.5	X	319.18514	280.70367	156.63425	4.90242	0.1652670	0.23671354	2.5881373	20	12 19.2	19.9
353099 2009 EM_{16}	16.7	X	78.79236	291.34089	335.94607	7.02457	0.1944443	0.21397730	2.7683707	20	10 27.8	21.1
353100 2009 EF_{17}	16.7	X	116.40262	138.15186	135.94025	11.81149	0.0359996	0.23033535	2.6356980	20	12 9.6	20.6
353101 2009 ET_{18}	16.6	X	192.61054	184.00043	329.63259	4.39574	0.0495279	0.21954775	2.7213437	20	10 1.6	20.5
353102 2009 EZ_{19}	17.2	X	247.09588	90.61784	66.20433	4.05310	0.2250833	0.23427924	2.6060346	20	11 21.0	20.5
353103 2009 EK_{22}	16.8	X	169.30336	231.34171	186.54241	11.08436	0.0823135	0.18899797	3.0072160	20	5 6.8	21.4
353104 2009 ET_{22}	16.2	X	31.12685	301.48669	7.54009	6.15496	0.0326568	0.21541610	2.7560300	20	10 3.3	19.8
353105 2009 EG_{24}	16.2	X	308.09211	149.05167	83.66563	2.64361	0.1060499	0.17415874	3.1756980	20	2 22.1	20.4
353106 2009 EM_{26}	16.4	X	187.63795	168.01776	4.57836	9.10084	0.1535908	0.21890245	2.7266892	20	10 12.5	20.7
353107 2009 EP_{28}	15.2	X	315.07152	201.45745	74.81164	12.81322	0.0814558	0.18672986	3.0315183	20	5 1.6	19.3
353108 2009 FV_{1}	16.4	X	208.42676	140.16908	54.56102	14.78084	0.2053451	0.22842274	2.6503902	20	11 25.5	20.6
353109 2009 FV_{2}	15.8	X	327.10768	138.74013	165.14507	13.14646	0.0918971	0.19273005	2.9682679	20	6 20.9	19.7
353110 2009 FA_{3}	16.2	X	165.77979	81.61102	103.56986	7.67142	0.0213634	0.21530324	2.7569931	20	10 16.4	20.2
353111 2009 FR_{7}	16.2	X	162.82437	256.59341	159.16864	10.37291	0.0292887	0.18550683	3.0448281	20	4 25.9	20.7
353112 2009 FO_{8}	17.3	X	244.50844	20.17590	150.00306	4.37469	0.1532162	0.23371549	2.6102236	20	12 15.9	20.7
353113 2009 FV_{13}	17.5	X	217.76969	128.04922	327.02812	0.96341	0.1898003	0.21460478	2.7629718	20	8 4.4	21.9
353114 2009 FR_{14}	15.2	X	223.00035	264.51392	82.46162	15.15007	0.0140612	0.17877882	3.1207478	20	4 17.1	19.9
353115 2009 FW_{15}	17.0	X	97.28079	72.05892	165.71382	6.82616	0.0976437	0.21254156	2.7808238	20	10 4.7	21.1
353116 2009 FL_{19}	15.9	X	103.14949	88.97178	117.30756	6.30840	0.0629343	0.20545680	2.8443893	20	8 28.1	20.0
353117 2009 FE_{24}	16.3	X	140.96768	194.71935	28.29809	9.48813	0.1422625	0.22062698	2.7124618	20	10 31.6	20.6
353118 2009 FJ_{24}	16.1	X	215.31911	13.61610	112.60655	10.29313	0.1409781	0.22059089	2.7127577	20	9 19.8	20.3
353119 2009 FJ_{26}	16.2	X	221.09659	286.42660	106.56541	3.08159	0.1064514	0.19614218	2.9337429	20	5 27.8	20.7
353120 2009 FC_{37}	16.1	X	178.30727	55.30130	352.02548	9.83887	0.0612109	0.19220392	2.9736822	20	4 27.2	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353121 2009 FO_{37}	16.8	X	6.52576	234.15025	140.33653	6.20510	0.0497685	0.22349883	2.6891759	20	11 29.3	20.3
353122 2009 FF_{50}	16.6	X	260.49209	14.36678	88.13193	14.73834	0.2238802	0.22881995	2.6473222	20	10 6.3	20.3
353123 2009 FW_{50}	16.4	X	169.25696	32.90489	130.45858	4.77387	0.0377999	0.21228458	2.7830676	20	9 19.5	20.3
353124 2009 FZ_{50}	16.3	X	172.71925	156.31155	27.84158	14.98617	0.1230632	0.21792138	2.7348666	20	10 16.2	20.6
353125 2009 FK_{51}	17.2	X	359.28788	185.26569	168.14734	6.69070	0.0089963	0.21930103	2.7233843	20	10 18.6	20.8
353126 2009 FA_{58}	17.0	X	214.87050	286.46325	188.95078	3.62068	0.0543984	0.21350007	2.7724946	20	9 8.8	20.8
353127 2009 FR_{58}	16.9	X	351.72716	329.92895	17.02761	5.41730	0.0203422	0.21345106	2.7729189	20	9 28.6	20.4
353128 2009 FZ_{58}	16.5	X	270.50218	183.09692	197.68740	5.91672	0.0964095	0.20279791	2.8691972	20	7 9.5	20.6
353129 2009 FS_{59}	16.1	X	160.22340	122.32622	73.36909	13.25306	0.2174512	0.21973724	2.7197789	20	10 21.3	20.9
353130 2009 FU_{59}	16.1	X	303.82183	349.30133	128.12327	18.19892	0.1050123	0.23590088	2.5940779	20	—	—
353131 2009 FX_{61}	16.2	X	3.98678	241.94890	15.79100	8.37754	0.1194381	0.18984494	2.9982651	20	6 17.8	19.9
353132 2009 FS_{67}	16.4	X	310.84903	1.33070	26.54952	7.67248	0.0869994	0.21456388	2.7633230	20	9 23.6	19.7
353133 2009 FZ_{67}	16.8	X	66.16967	226.66181	50.06363	5.13426	0.0357875	0.21108040	2.7936422	20	10 9.1	20.5
353134 2009 FP_{71}	15.7	X	76.60346	152.54028	338.32892	9.03857	0.0441550	0.18187030	3.0852819	20	4 9.6	20.1
353135 2009 FR_{71}	16.9	X	290.06249	286.16870	160.11832	5.68915	0.0618296	0.22379931	2.6867683	20	11 12.9	20.3
353136 2009 FW_{75}	17.2	X	306.52810	329.28645	200.17188	7.96507	0.2089236	0.24529509	2.5274165	20	—	—
353137 2009 GU_{1}	17.3	X	278.03018	44.64586	46.68848	5.52352	0.0872235	0.22661238	2.6644871	20	10 29.4	20.4
353138 2009 GX_{4}	15.9	X	223.37858	292.92531	295.95701	11.87946	0.2145675	0.23635467	2.5907565	20	—	—
353139 2009 HG_{4}	16.3	X	303.99277	278.72744	51.04722	10.08471	0.0587504	0.19531919	2.9419782	20	6 23.9	20.3
353140 2009 HE_{5}	16.7	X	50.62691	209.33745	76.04719	4.89460	0.0724840	0.20951451	2.8075444	20	10 6.1	20.5
353141 2009 HK_{8}	16.3	X	107.68807	61.23288	119.84482	6.63264	0.0785795	0.19664405	2.9287492	20	7 31.5	20.4
353142 2009 HR_{8}	16.8	X	210.05070	38.72784	146.57842	7.94464	0.1959595	0.22437025	2.6822085	20	11 19.2	21.0
353143 2009 HT_{11}	16.3	X	332.79618	193.72668	91.01208	8.92444	0.0521902	0.18406726	3.0606830	20	6 7.0	20.3
353144 2009 HV_{12}	16.5	X	175.90408	310.80504	233.91581	2.48831	0.1130846	0.21644373	2.7472998	20	10 18.8	20.6
353145 2009 HJ_{16}	17.0	X	219.48520	325.21819	153.94656	8.61549	0.1525550	0.21644300	2.7473059	20	9 9.9	21.0
353146 2009 HS_{16}	16.6	X	136.35006	74.57226	88.31085	3.29248	0.0077297	0.20259734	2.8710906	20	8 6.2	20.6
353147 2009 HT_{26}	16.9	X	230.52396	288.08084	172.50190	2.30958	0.0670945	0.20886531	2.8133591	20	9 7.0	20.9
353148 2009 HU_{28}	16.8	X	220.98015	131.00405	60.08831	14.19853	0.2076573	0.23120425	2.6290903	20	12 4.0	20.7
353149 2009 HS_{34}	16.1	X	66.36139	193.55401	51.12283	9.32092	0.0316328	0.20509713	2.8477137	20	8 30.5	20.1
353150 2009 HH_{39}	16.2	X	342.76520	148.49885	138.93772	10.10921	0.0520033	0.18717416	3.0267191	20	6 25.1	20.3
353151 2009 HY_{41}	16.1	X	224.33918	18.75889	53.60146	14.64142	0.0920012	0.19904636	2.9051366	20	7 24.6	20.6
353152 2009 HM_{42}	15.8	X	183.99219	18.57473	66.70990	11.72778	0.0855036	0.19223120	2.9734009	20	6 23.4	20.3
353153 2009 HN_{48}	15.5	X	273.63859	184.79451	126.82769	10.81711	0.0580541	0.17770246	3.1333369	20	4 26.3	20.1
353154 2009 HT_{48}	16.3	X	113.06000	91.27509	145.98950	9.63453	0.1112110	0.20944721	2.8081458	20	10 23.7	20.7
353155 2009 HN_{63}	16.3	X	14.41922	138.97850	66.00099	2.81286	0.0969216	0.17944083	3.1130675	20	4 25.3	20.1
353156 2009 HK_{64}	15.9	X	71.51054	108.10511	59.16668	12.51251	0.1071337	0.18330176	3.0691984	20	5 31.6	20.0
353157 2009 HG_{65}	15.8	X	308.63315	199.69259	94.45000	12.08268	0.2038596	0.17880728	3.1204167	20	4 29.2	20.0
353158 2009 HY_{65}	16.1	X	25.38596	162.13524	84.82575	11.41667	0.2119484	0.18705744	3.0279780	20	7 23.6	19.5
353159 2009 HE_{70}	16.3	X	152.12417	78.91798	39.28979	11.01593	0.0728033	0.19221518	2.9735660	20	7 1.0	20.9
353160 2009 HW_{73}	15.5	X	339.08896	174.89828	94.56101	19.65681	0.2056304	0.18146938	3.0898245	20	5 19.9	19.1
353161 2009 HX_{84}	16.3	X	89.06212	62.65359	81.00315	9.03646	0.1873333	0.18603706	3.0390399	20	6 5.4	20.7
353162 2009 HT_{89}	15.6	X	69.94936	59.94336	91.94146	16.28009	0.0602004	0.17805124	3.1292436	20	5 9.6	20.1
353163 2009 HR_{100}	15.8	X	297.51689	227.41189	68.78576	12.51216	0.0545972	0.17756156	3.1349942	20	5 5.8	20.1
353164 2009 HE_{104}	16.3	X	97.93877	42.15886	129.34289	1.81700	0.1805043	0.19130467	2.9829937	20	7 19.5	20.9
353165 2009 HQ_{106}	16.9	X	264.57651	356.81883	163.12995	5.16246	0.1189425	0.23334000	2.6130231	20	—	—
353166 2009 JP_{6}	15.9	X	240.86109	220.18872	128.47987	10.18924	0.0954400	0.17521895	3.1628749	20	4 29.1	20.8
353167 2009 JU_{17}	15.8	X	328.07416	194.99813	113.54101	11.28629	0.0751603	0.18475502	3.0530826	20	6 29.6	19.8
353168 2009 KR_{3}	16.3	X	269.05548	225.79952	126.40161	11.24022	0.0747946	0.18296557	3.0729569	20	6 5.8	20.8
353169 2009 KE_{4}	15.4	X	350.80416	177.44422	62.53455	28.10497	0.0757065	0.17799247	3.1299325	20	5 9.6	19.6
353170 2009 KH_{6}	16.3	X	212.39547	237.36710	188.63405	2.74080	0.0189509	0.18952987	3.0015870	20	7 5.3	20.5
353171 2009 LU	16.1	X	34.05110	332.57931	230.39378	10.97481	0.2357247	0.18190209	3.0849225	20	6 9.7	19.5
353172 2009 LG_{3}	15.8	X	353.31110	110.32954	124.69715	10.53924	0.0367807	0.17650683	3.1474707	20	5 6.9	20.2
353173 2009 LZ_{4}	16.1	X	313.60349	182.03837	120.38655	10.19483	0.1049518	0.18037721	3.1022844	20	5 29.1	20.3
353174 2009 MQ_{1}	15.3	X	292.33600	214.99031	100.64521	13.85290	0.0618091	0.17926620	3.1150889	20	5 23.4	19.7
353175 2009 ML_{3}	15.4	X	271.68788	208.65750	128.19439	10.29852	0.0337803	0.18004585	3.1060895	20	5 27.1	19.9
353176 2009 MA_{7}	15.8	X	354.01644	344.60077	221.74971	14.11459	0.1863600	0.17139053	3.2098014	20	3 15.4	19.6
353177 2009 OF_{21}	15.4	X	16.14275	300.04702	321.63113	12.75882	0.2658856	0.17466318	3.1695807	20	7 31.9	18.5
353178 2009 QK_{59}	14.2	X	252.23195	32.58026	46.83759	3.35765	0.0440236	0.08414158	5.1577738	20	8 28.7	21.1
353179 2009 RA_{12}	13.9	X	232.64647	280.56363	191.30962	5.13333	0.0668030	0.08257766	5.2226912	20	9 8.0	20.9
353180 2009 RG_{14}	13.8	X	194.89998	141.83484	13.27454	7.24872	0.0104980	0.08507678	5.1199065	20	9 23.0	20.6
353181 2009 RW_{31}	13.9	X	257.42486	114.40955	341.13521	5.77413	0.1292903	0.08325806	5.1941981	20	9 9.2	20.8
353182 2009 RR_{63}	13.7	X	266.34491	65.89298	12.31561	13.54270	0.1199145	0.08225554	5.2363170	20	9 5.0	20.7
353183 2009 RF_{64}	14.0	X	293.64352	123.81832	295.58059	1.32451	0.0289108	0.08439138	5.1475907	20	9 22.2	20.7
353184 2009 RQ_{64}	14.0	X	242.08313	345.48052	126.55569	0.98213	0.0915109	0.08193910	5.2497899	20	9 16.5	21.1
353185 2009 RT_{64}	12.9	X	338.69823	319.92677	46.62201	7.97020	0.1268044	0.08276066	5.2149894	20	9 16.4	19.2
353186 2009 RR_{67}	14.1	X	283.95796	154.79903	268.72681	4.64915	0.1097846	0.08244599	5.2282502	20	9 3.6	20.9
353187 2009 RK_{68}	14.2	X	276.57860	210.12970	229.07650	0.64494	0.0342736	0.08400124	5.1635167	20	9 24.4	21.0
353188 2009 RR_{68}	13.8	X	229.19245	85.40890	36.15135	7.85523	0.0584474	0.08041850	5.3157607	20	9 19.6	20.9
353189 Iasus	13.1	X	283.27892	109.33125	313.73323	14.75185	0.1603961	0.08258794	5.2222575	20	8 25.6	19.9
353190 2009 ST	19.7	X	265.69822	270.09115	189.15596	10.89629	0.3688706	0.36033197	1.9558439	20	9 30.2	20.4
353191 2009 SJ_{48}	13.9	X	260.71313	122.23068	328.32697	3.56775	0.0436000	0.08079993	5.2990178	20	9 17.1	20.9
353192 2009 ST_{50}	13.8	X	278.94103	51.65512	6.32993	11.95542	0.0752705	0.08469761	5.1351754	20	9 1.6	20.6
353193 2009 SH_{58}	14.0	X	36.92539	53.47949	265.12217	6.17222	0.0271155	0.08490918	5.1266415	20	9 28.5	20.8
353194 2009 SM_{100}	13.4	X	226.66333	123.18174	358.08977	16.22711	0.0872937	0.08439268	5.1475376	20	9 13.1	20.5
353195 2009 SP_{119}	14.3	X	257.60639	214.43152	236.35091	4.75736	0.0442135	0.08478707	5.1315628	20	9 13.1	21.2
353196 2009 SF_{156}	14.3	X	284.19985	245.32105	188.42886	4.86573	0.0572088	0.08517334	5.1160359	20	9 24.4	21.0
353197 2009 SW_{185}	14.1	X	335.46422	320.53365	68.41504	6.40896	0.0366085	0.08640910	5.0671419	20	10 10.3	20.7
353198 2009 SB_{200}	13.9	X	232.72484	211.91572	274.85269	3.07221	0.1228414	0.08318431	5.1972681	20	9 18.6	21.0
353199 2009 SU_{211}	13.9	X	238.22507	53.80251	56.24400	8.22851	0.1083924	0.08171943	5.2591936	20	9 12.1	21.1
353200 2009 SA_{246}	13.3	X	252.82448	61.95790	33.65096	11.65621	0.0557513	0.08405953	5.1611295	20	9 18.2	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353201 2009 SP_{246}	13.2	X	260.83150	276.34583	178.55602	14.25661	0.0622326	0.08478539	5.1316304	20	9 20.9	20.0
353202 2009 SB_{254}	13.7	X	263.52376	226.03499	216.49743	7.87071	0.0501045	0.08057253	5.3089838	20	9 8.7	20.7
353203 2009 SJ_{264}	13.5	X	238.08792	305.09643	157.59431	8.51379	0.0445015	0.08189745	5.2515696	20	9 7.1	20.6
353204 2009 SR_{281}	13.7	X	283.66284	338.67901	87.76687	5.08133	0.0501206	0.08412960	5.1582634	20	9 18.9	20.5
353205 2009 SN_{318}	14.2	X	259.19612	341.17865	95.36861	2.15591	0.0643654	0.08038730	5.3171357	20	8 29.6	21.1
353206 2009 SY_{326}	17.8	X	314.86343	44.75446	37.67329	21.61671	0.1070807	0.36838150	1.9272476	20	—	—
353207 2009 SB_{330}	17.7	X	310.21650	255.73960	176.55367	23.37522	0.0811274	0.37358066	1.9093247	20	—	—
353208 2009 SZ_{353}	13.8	X	250.25990	277.25167	178.88253	11.47583	0.0320991	0.08196931	5.2485000	20	9 13.6	20.8
353209 2009 SC_{354}	13.7	X	314.58380	241.33628	146.71343	8.00017	0.0533797	0.08170760	5.2597012	20	9 10.7	20.4
353210 2009 SO_{355}	12.8	X	235.56420	195.31922	285.37978	10.29735	0.0448116	0.08358079	5.1808188	20	9 19.2	19.9
353211 2009 SQ_{355}	13.6	X	282.99767	82.77886	339.87373	4.93164	0.0693928	0.08060325	5.3076348	20	9 8.3	20.3
353212 2009 SB_{356}	14.0	X	264.51739	85.70792	353.53576	3.98093	0.0704811	0.08147766	5.2695923	20	9 6.4	21.0
353213 2009 SY_{356}	14.3	X	258.26347	42.25621	60.44890	7.89986	0.1316000	0.08241149	5.2297090	20	9 21.7	21.3
353214 2009 TA_{3}	17.1	X	251.92634	229.33218	289.33588	18.63101	0.0434759	0.37625172	1.9002776	20	—	—
353215 2009 TE_{12}	12.9	X	339.50385	155.04816	213.45052	22.42412	0.1214092	0.08187321	5.2526063	20	9 11.7	19.5
353216 2009 UQ_{16}	15.0	X	47.81552	262.14616	53.26009	13.32103	0.2469021	0.18449460	3.0559549	20	11 25.7	19.4
353217 2009 UG_{60}	14.0	X	255.19545	307.97273	132.43724	4.52993	0.0735817	0.08098414	5.2909792	20	8 28.4	21.1
353218 2009 UN_{67}	13.1	X	242.69096	48.25250	57.36557	13.51847	0.0329034	0.08137931	5.2738372	20	9 22.9	20.2
353219 2009 UZ_{91}	17.3	X	304.03074	207.36222	261.45710	17.84078	0.1117361	0.37520270	1.9038179	20	—	—
353220 2009 WM_{166}	17.5	X	127.78295	318.34137	105.21551	5.68880	0.0834486	0.30545551	2.1835882	20	3 21.4	20.2
353221 2009 YV	18.0	X	295.70410	338.96252	47.20014	22.10576	0.0829125	0.35551793	1.9734602	20	10 5.6	20.0
353222 2009 YD_{7}	9.8	X	1.78011	326.65601	126.10311	30.83868	0.8878965	0.00075681	119.2551039	20	2 17.1	22.0
353223 2010 AT_{4}	15.6	X	221.91194	274.32815	84.54474	13.87200	0.1989057	0.22913568	2.6448897	20	4 16.1	20.2
353224 2010 AP_{30}	17.7	X	13.44173	261.36556	283.63409	4.55668	0.1920216	0.29966856	2.2116103	20	3 4.6	19.0
353225 2010 AO_{32}	17.3	X	287.82226	78.99028	138.59395	5.41729	0.0874871	0.28509411	2.2863562	20	—	—
353226 2010 AF_{94}	16.7	X	324.63030	57.78025	313.50842	8.49823	0.0428885	0.23303875	2.6152746	20	9 21.3	20.0
353227 2010 AP_{119}	13.5	X	10.06303	239.81863	92.79277	7.74080	0.0797900	0.08270149	5.2174766	20	9 21.5	20.1
353228 2010 AC_{121}	13.0	X	265.96149	314.09722	132.18532	13.12835	0.0438196	0.08149375	5.2688987	20	9 22.7	20.0
353229 2010 AA_{122}	16.9	X	285.15524	91.59737	132.18666	22.46230	0.1681681	0.27477808	2.3432286	20	—	—
353230 2010 BJ_{35}	13.2	X	303.87208	91.19584	331.03500	9.70472	0.1261377	0.08327976	5.1932960	20	9 24.3	19.8
353231 2010 BA_{68}	16.2	X	122.94614	126.35964	140.81974	28.79471	0.0302833	0.24232268	2.5480425	20	12 15.1	20.4
353232 Nolwenn	16.6	X	207.51390	239.58969	338.04533	9.35273	0.1747493	0.26373608	2.4081841	20	—	—
353233 2010 CV_{40}	17.9	X	355.27946	335.11791	160.60369	8.21269	0.1778939	0.28038995	2.3118577	20	—	—
353234 2010 CT_{44}	17.6	X	58.41857	301.98046	130.58055	3.96720	0.1133312	0.28425712	2.2908421	20	—	—
353235 2010 CO_{47}	15.6	X	203.58061	224.60583	111.69637	18.40327	0.2119995	0.17687156	3.1431423	20	3 6.9	21.2
353236 2010 CL_{65}	18.1	X	12.52586	116.04584	36.52796	2.94267	0.1336483	0.28908338	2.2652735	20	1 21.1	20.1
353237 2010 CQ_{93}	17.9	X	326.11722	138.49996	100.86532	2.98338	0.0786772	0.29653365	2.2271701	20	3 16.9	20.2
353238 2010 CM_{94}	18.8	X	41.32330	204.27761	344.66797	6.25697	0.0803031	0.30484626	2.1864966	20	5 7.2	21.0
353239 2010 CN_{107}	17.4	X	137.69958	199.18272	164.12651	11.53287	0.0607268	0.28057535	2.3108391	20	1 7.8	20.5
353240 2010 CS_{107}	17.1	X	212.46272	283.15052	355.83946	5.06527	0.1718774	0.27236148	2.3570688	20	—	—
353241 2010 CA_{108}	17.6	X	61.57382	291.05719	143.60022	3.16766	0.1381290	0.28291351	2.2980894	20	—	—
353242 2010 CX_{120}	17.5	X	297.58165	212.73224	3.17005	5.41849	0.1600225	0.28459899	2.2890071	20	—	—
353243 2010 CZ_{123}	16.0	X	53.16948	146.68775	98.17597	13.02793	0.1572636	0.22083913	2.7107244	20	9 3.4	19.7
353244 2010 CF_{146}	17.6	X	6.46836	247.60175	328.64381	5.40545	0.1325165	0.29939160	2.2129740	20	4 14.1	19.4
353245 2010 CX_{170}	17.3	X	206.98723	279.27881	5.06228	3.54834	0.1801764	0.27163163	2.3612891	20	—	—
353246 2010 DX_{33}	16.9	X	107.63705	156.27691	148.88576	12.78513	0.1239000	0.23987010	2.5653816	20	—	—
353247 2010 DF_{54}	16.3	X	80.79095	188.17696	90.94940	8.92152	0.0753956	0.22723745	2.6595987	20	11 8.5	20.1
353248 2010 EV_{36}	16.8	X	53.87184	252.41422	68.44849	3.11214	0.1030766	0.24195540	2.5506205	20	12 3.1	20.2
353249 2010 EP_{37}	16.6	X	219.69036	207.79776	31.66070	7.98681	0.1291200	0.26124771	2.4234518	20	—	—
353250 2010 EX_{37}	16.5	X	239.75228	179.19676	20.05305	14.89768	0.0274505	0.25842773	2.4410498	20	—	—
353251 2010 EZ_{37}	16.6	X	70.16855	323.53872	44.63711	4.64864	0.1126195	0.25608057	2.4559431	20	—	—
353252 2010 EU_{39}	17.6	X	356.94412	323.26854	253.88983	1.62911	0.1703770	0.29634083	2.2281361	20	3 24.4	19.1
353253 2010 EQ_{42}	16.5	X	214.39039	332.65552	111.68419	6.50838	0.1470910	0.23364373	2.6107580	20	7 23.1	20.4
353254 2010 EG_{69}	17.6	X	214.00449	134.66807	138.05029	3.14581	0.1646293	0.26650021	2.3915035	20	—	—
353255 2010 ER_{69}	16.8	X	315.22866	295.87940	229.87999	5.76776	0.0715704	0.27556832	2.3387467	20	—	—
353256 2010 EE_{78}	16.3	X	193.08526	22.81987	24.88215	6.71537	0.0224587	0.21119161	2.7926613	20	5 17.1	20.3
353257 2010 EF_{81}	17.7	X	32.36886	95.50723	4.77521	5.66566	0.1152799	0.28171016	2.3046291	20	—	—
353258 2010 EJ_{83}	17.0	X	207.41824	160.96012	71.46593	3.42766	0.1480762	0.26035616	2.4289811	20	—	—
353259 2010 EK_{86}	17.6	X	272.21829	260.72464	358.70133	5.55776	0.1096402	0.28081844	2.3095053	20	1 29.4	20.8
353260 2010 EN_{105}	17.3	X	288.76685	215.12604	25.30719	5.14456	0.1040750	0.28333355	2.2958176	20	1 24.2	20.3
353261 2010 EA_{107}	17.1	X	233.39206	264.63753	9.48668	5.20284	0.2289340	0.27269518	2.3551455	20	1 4.3	21.1
353262 2010 ES_{107}	17.6	X	236.30506	28.55713	227.03457	2.51885	0.1368118	0.26945508	2.3739877	20	—	—
353263 2010 EE_{109}	17.5	X	281.57556	165.31944	70.40290	4.20513	0.1328729	0.27686460	2.3314410	20	1 5.9	20.7
353264 2010 EM_{111}	18.1	X	60.83319	337.47903	165.37188	2.26173	0.0757254	0.29499862	2.2348895	20	4 2.9	20.1
353265 2010 EC_{112}	17.9	X	14.49540	290.69895	230.66011	1.61367	0.1017868	0.28648789	2.2789346	20	2 8.7	20.1
353266 2010 EX_{112}	18.0	X	297.97747	58.88827	164.99972	1.66532	0.1392586	0.27929298	2.3179071	20	1 7.7	21.1
353267 2010 EY_{112}	17.5	X	338.21906	109.47558	41.66850	3.69443	0.0370087	0.27235787	2.3570896	20	—	—
353268 2010 ED_{126}	17.1	X	323.62412	288.47533	317.15400	6.03430	0.1363453	0.29348345	2.2425750	20	3 9.1	19.5
353269 2010 EB_{127}	17.0	X	286.72656	113.95369	97.96457	6.51360	0.0759621	0.27580833	2.3373897	20	—	—
353270 2010 EB_{135}	17.9	X	296.07454	30.24179	183.19063	6.23043	0.0550103	0.27726593	2.3291907	20	1 2.9	20.9
353271 2010 ER_{135}	17.6	X	336.14605	46.83333	74.07033	3.62481	0.1284961	0.26640189	2.3920918	20	—	—
353272 2010 EP_{142}	18.1	X	353.98070	57.47351	175.54201	5.61881	0.1203903	0.29731943	2.2232443	20	4 21.2	19.8
353273 2010 FM_{24}	18.1	X	4.99191	94.79556	119.67918	3.81944	0.1425588	0.29791211	2.2202946	20	4 13.3	19.7
353274 2010 FX_{27}	17.3	X	311.49386	171.77585	47.77357	8.08347	0.1629061	0.28441482	2.2899952	20	1 15.9	20.3
353275 2010 FQ_{55}	17.8	X	305.64863	191.24400	42.25495	2.99029	0.1682096	0.28381927	2.2931975	20	1 25.9	20.7
353276 2010 FL_{83}	17.4	X	239.33211	146.07211	120.04487	5.01614	0.1383208	0.27257596	2.3558322	20	1 1.3	21.1
353277 2010 FP_{84}	18.0	X	250.67320	198.53037	65.84326	3.02108	0.1798736	0.27485742	2.3427776	20	1 7.9	21.7
353278 2010 FS_{84}	17.3	X	253.51972	95.27649	187.62869	5.82521	0.2102246	0.27997895	2.3141196	20	1 29.0	21.1
353279 2010 FO_{91}	18.1	X	291.13409	37.98489	124.60781	2.46189	0.1126198	0.26503525	2.4003079	20	—	—
353280 2010 FY_{92}	17.6	X	208.53334	170.10425	92.40453	2.45862	0.1704068	0.26190053	2.4194230	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353281 2010 FN_{95}	17.2	X	177.81693	227.39400	68.27402	2.58156	0.0610225	0.26460873	2.4028866	20	—	—
353282 2010 GZ_{27}	17.7	X	70.70862	77.31766	2.47806	4.54202	0.0407344	0.27990015	2.3145539	20	1 17.3	20.3
353283 2010 GW_{30}	17.8	X	350.39971	38.60469	188.15229	3.11657	0.1093235	0.29602455	2.2297229	20	4 3.4	19.6
353284 2010 GH_{31}	17.3	X	200.74969	168.40586	91.96664	5.05569	0.2140786	0.26013907	2.4303323	20	—	—
353285 2010 GM_{35}	17.3	X	233.86783	188.57813	44.11338	10.60387	0.0741712	0.26558525	2.3969929	20	—	—
353286 2010 GM_{75}	17.0	X	213.07837	155.26914	115.80299	6.32514	0.2049529	0.26371183	2.4083317	20	—	—
353287 2010 GA_{78}	15.0	X	140.76667	126.55950	291.80840	20.21433	0.1121932	0.17268156	3.1937830	20	3 28.3	20.3
353288 2010 GO_{97}	16.2	X	307.69835	237.27457	102.66404	7.08822	0.0876823	0.21076281	2.7964478	20	7 10.9	19.5
353289 2010 GS_{106}	17.4	X	198.72147	10.52749	258.47069	1.55172	0.1891965	0.26070811	2.4267946	20	—	—
353290 2010 GB_{123}	16.7	X	76.76967	62.98643	193.29311	6.04724	0.0842408	0.22606801	2.6687628	20	10 3.4	20.4
353291 2010 GZ_{140}	17.6	X	18.85333	85.04807	359.15454	3.41106	0.0043917	0.26415151	2.4056585	20	—	—
353292 2010 GQ_{145}	17.8	X	30.85960	20.80609	168.82885	4.99444	0.0706370	0.29792897	2.2202109	20	4 23.4	19.9
353293 2010 GU_{145}	16.9	X	260.29748	305.29317	309.17020	9.86048	0.2151799	0.27412441	2.3469522	20	1 3.1	20.7
353294 2010 GR_{154}	15.7	X	293.65060	356.29838	272.18118	9.46097	0.1725926	0.17681742	3.1437839	20	3 2.9	20.3
353295 2010 GO_{155}	16.3	X	87.38202	143.64473	122.89460	12.23148	0.1906986	0.21831344	2.7315914	20	11 11.7	20.8
353296 2010 GC_{157}	17.4	X	291.26971	72.74092	174.41203	2.44051	0.1672078	0.27973284	2.3154767	20	1 26.1	20.5
353297 2010 HC_{21}	17.0	X	330.25191	313.04656	142.55289	11.61636	0.2067191	0.25657295	2.4528000	20	—	—
353298 2010 HC_{46}	15.7	X	320.52929	327.32326	280.27281	8.19608	0.1398521	0.17798820	3.1299825	20	3 17.6	19.9
353299 2010 HF_{77}	18.1	X	15.32750	340.30306	187.38765	5.80251	0.1103142	0.28700345	2.2762046	20	2 18.3	20.3
353300 2010 HN_{78}	17.1	X	273.49140	169.96835	76.86044	3.66611	0.1626298	0.27396675	2.3478525	20	1 9.1	20.6
353301 2010 HQ_{108}	17.6	X	278.76169	54.02640	159.82813	6.70542	0.0763404	0.26767056	2.3845274	20	—	—
353302 2010 HY_{108}	16.1	X	198.26344	99.74819	92.45808	14.16478	0.1029049	0.24040284	2.5615902	20	11 28.3	19.8
353303 2010 JV_{28}	17.5	X	176.14703	173.18707	108.24658	3.89000	0.1695522	0.25335854	2.4735025	20	—	—
353304 2010 JZ_{31}	16.8	X	243.90727	358.55056	244.67367	4.87510	0.1685545	0.26616344	2.3935203	20	—	—
353305 2010 JF_{34}	16.5	X	75.57562	270.48795	32.04745	11.42928	0.1948862	0.23218779	2.6216606	20	12 10.5	20.7
353306 2010 JW_{58}	15.5	X	335.48864	19.19683	282.99640	18.92090	0.1452808	0.19074800	2.9887945	20	6 28.6	19.0
353307 2010 JZ_{76}	16.1	X	46.35105	199.31853	91.48911	15.53114	0.1774985	0.22076164	2.7113587	20	10 30.1	20.0
353308 2010 JE_{77}	16.9	X	58.31813	18.31103	60.05319	5.22641	0.0731822	0.26944364	2.3740549	20	—	—
353309 2010 JC_{79}	16.3	X	342.36042	243.49145	109.54638	6.17011	0.1146847	0.21997105	2.7178513	20	9 30.2	19.3
353310 2010 JW_{114}	16.5	X	163.29606	280.19020	297.85949	3.04931	0.0979054	0.23985717	2.5654738	20	11 20.3	20.3
353311 2010 JW_{125}	15.2	X	269.06946	243.23405	84.67656	10.26769	0.0886426	0.17748970	3.1358404	20	5 5.4	19.7
353312 2010 JV_{127}	16.4	X	161.50753	312.91710	161.45403	8.61089	0.0629370	0.18791317	3.0187784	20	7 5.3	21.0
353313 2010 JL_{152}	16.0	X	185.10494	145.14015	67.07799	15.27532	0.0967270	0.24027731	2.5624823	20	12 6.3	19.8
353314 2010 JH_{161}	15.8	X	210.82877	92.51860	230.51443	14.98909	0.2489036	0.17435834	3.1732740	20	2 15.2	21.6
353315 2010 KM_{8}	17.9	X	263.55570	105.60319	141.64357	1.76380	0.1583839	0.27015702	2.3698737	20	—	—
353316 2010 KN_{17}	16.2	X	255.09619	8.93572	299.39035	7.53249	0.2995254	0.16917285	3.2377920	20	3 1.9	21.9
353317 2010 KY_{36}	17.7	X	288.78434	353.36565	253.74565	2.23279	0.1918211	0.27664708	2.3326629	20	1 20.9	21.1
353318 2010 KE_{51}	15.4	X	233.26793	227.43204	153.81846	14.71248	0.1287755	0.17735068	3.1374789	20	5 26.9	20.5
353319 2010 KO_{94}	15.6	X	283.22253	352.55285	319.40726	15.59378	0.1069429	0.17505436	3.1648570	20	4 19.1	20.5
353320 2010 LB	15.4	X	245.79357	53.32943	242.72763	26.87518	0.2494783	0.17389121	3.1789544	20	2 4.9	21.3
353321 2010 LW_{8}	17.7	X	288.91567	153.16120	87.43977	2.45508	0.1377483	0.28576763	2.2827623	20	1 18.6	20.8
353322 2010 LB_{10}	15.1	X	316.45973	350.11456	297.10389	15.99183	0.1842047	0.17907615	3.1172925	20	4 22.6	19.4
353323 2010 LH_{29}	16.5	X	293.10219	147.55344	109.89824	25.64936	0.1670992	0.28857709	2.2679222	20	2 12.8	19.8
353324 2010 LR_{34}	16.0	X	279.73491	347.98093	84.75902	22.88697	0.0303017	0.22680986	2.6629403	20	10 26.4	20.0
353325 2010 LQ_{63}	16.7	X	233.42494	352.89862	157.86967	11.51526	0.1479782	0.23931405	2.5693539	20	11 11.6	20.4
353326 2010 LR_{92}	15.6	X	308.30360	293.14575	351.09210	15.87018	0.2512781	0.17685753	3.1433085	20	3 30.3	19.9
353327 2010 LB_{104}	16.3	X	155.15667	70.02100	203.01147	6.30673	0.1040341	0.24383144	2.5375206	20	—	—
353328 2010 ME_{27}	15.9	X	352.94615	276.89301	335.29900	15.86441	0.1694735	0.17771310	3.1332118	20	5 13.9	19.8
353329 2010 MG_{44}	15.2	X	318.12169	351.53932	311.42636	17.32826	0.1139542	0.17807893	3.1289192	20	5 31.8	19.5
353330 2010 NT_{6}	16.5	X	121.45877	144.59924	118.13900	12.64295	0.1696631	0.22670984	2.6637234	20	12 5.1	21.0
353331 2010 NK_{17}	15.7	X	1.18597	275.36763	353.61850	10.30293	0.1569184	0.18073326	3.0982086	20	6 30.9	19.3
353332 2010 NX_{81}	15.8	X	70.82533	357.55392	273.69141	14.64648	0.1204808	0.21134628	2.7912987	20	10 11.5	20.1
353333 2010 OT_{71}	16.7	X	300.37082	317.50866	87.84873	6.88010	0.0874709	0.22969055	2.6406284	20	10 5.4	19.9
353334 2010 OY_{83}	16.4	X	285.06347	194.00123	249.46009	7.97854	0.1340305	0.23835918	2.5762112	20	10 23.6	19.4
353335 2010 PD_{12}	16.1	X	160.06170	262.44823	332.11496	10.23393	0.1444092	0.24157353	2.5533077	20	12 4.8	20.3
353336 2010 PG_{26}	14.3	X	278.49833	126.87426	293.14210	7.52324	0.0868037	0.08389296	5.1679588	20	8 26.9	21.2
353337 2010 PN_{42}	14.7	X	192.36988	5.18580	267.59770	3.37953	0.1537654	0.12592605	3.9420821	20	—	—
353338 2010 RP_{16}	15.9	X	2.93610	343.33616	305.90652	11.79110	0.1204153	0.19173849	2.9784925	20	7 30.7	19.1
353339 2010 RD_{69}	16.2	X	274.98686	327.48600	197.74436	15.09715	0.0811862	0.22763063	2.6565352	20	—	—
353340 2010 RL_{182}	15.4	X	356.74371	132.90320	155.53584	15.96778	0.1212284	0.17785552	3.1315390	20	7 16.5	19.4
353341 2010 TC_{133}	15.6	X	11.93982	93.40889	156.30144	11.80773	0.0566810	0.17319661	3.1874481	20	6 18.3	20.0
353342 2010 UJ_{77}	13.6	X	263.88208	156.93245	273.37218	10.71952	0.0263636	0.08390366	5.1675192	20	8 27.5	20.6
353343 2010 VD_{5}	13.6	X	215.72953	341.75270	138.45048	7.48497	0.0825475	0.08208107	5.2437345	20	8 31.6	20.7
353344 2010 VF_{21}	14.4	X	211.74327	248.61381	243.73845	1.62521	0.1119202	0.08267901	5.2184220	20	9 6.6	21.8
353345 2010 VM_{73}	17.6	X	210.20718	181.20316	217.18166	6.59157	0.1119676	0.26462676	2.4027775	20	5 22.3	21.0
353346 2010 VV_{78}	14.0	X	291.71276	316.31981	112.79178	8.54264	0.0881279	0.08489930	5.1270394	20	9 28.2	20.7
353347 2010 VB_{90}	13.8	X	15.09451	284.46743	48.00140	6.41334	0.0850257	0.08326443	5.1939336	20	9 27.1	20.3
353348 2010 VR_{100}	14.4	X	222.55216	101.64299	42.09494	1.56487	0.1598258	0.08236968	5.2314786	20	9 26.6	21.8
353349 2010 VT_{103}	14.0	X	226.77206	52.60625	82.41889	5.38478	0.0558739	0.08288214	5.2098921	20	10 2.3	21.0
353350 2010 VA_{116}	13.7	X	230.93759	156.99697	316.06487	6.19527	0.0572241	0.08102954	5.2890030	20	9 7.7	20.9
353351 2010 VO_{138}	13.7	X	238.78098	2.38158	100.41001	8.51878	0.0855405	0.08281843	5.2125638	20	9 6.4	20.8
353352 2010 VK_{165}	14.1	X	227.45216	82.58133	50.33038	6.95801	0.1432948	0.08421941	5.1545953	20	9 23.0	21.4
353353 2010 VS_{173}	13.7	X	253.11747	84.51102	14.16367	13.79278	0.1278238	0.08454742	5.1412551	20	9 12.6	20.7
353354 2010 VC_{181}	13.8	X	315.51682	253.30414	139.51328	1.78008	0.0608086	0.08205672	5.2447721	20	9 15.9	20.5
353355 2010 VQ_{184}	14.2	X	11.56496	56.12170	281.74809	1.47967	0.0421964	0.08328642	5.1930191	20	9 23.1	20.9
353356 2010 VZ_{214}	14.1	X	299.75897	185.62248	221.07877	6.82895	0.0888148	0.08438965	5.1476607	20	9 6.5	20.8
353357 2010 WD_{2}	14.4	X	304.65632	253.71459	151.84474	1.57642	0.1029120	0.08365180	5.1778863	20	9 12.4	20.9
353358 2010 WG_{54}	14.0	X	199.80502	229.50175	294.52662	5.22027	0.0680591	0.08258309	5.2224621	20	10 1.1	21.2
353359 2010 WN_{60}	13.3	X	272.72829	327.22983	112.36462	9.90800	0.0775713	0.08363912	5.1784096	20	9 18.9	20.2
353360 2010 WY_{67}	13.8	X	231.43794	199.05447	302.60437	4.11120	0.0033632	0.08576159	5.0926150	20	10 16.2	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353361 2010 XV_{24}	13.2	X	288.02351	315.17299	106.76725	16.18788	0.1050250	0.08298570	5.2055569	20	9 15.4	20.1
353362 2010 XS_{47}	13.8	X	276.03408	2.45027	64.25216	10.09159	0.0949929	0.08496875	5.1242450	20	9 7.2	20.6
353363 2010 XP_{50}	12.8	X	181.81851	310.96242	221.45376	24.94427	0.1128106	0.08335211	5.1902903	20	9 19.9	20.4
353364 2010 XC_{77}	13.2	X	321.25673	305.77361	87.16772	13.51793	0.1337388	0.08301140	5.2044825	20	9 23.9	19.7
353365 2011 FJ_{9}	16.5	X	277.87953	245.29611	71.15555	6.00979	0.1589661	0.22150837	2.7052617	20	4 18.8	20.3
353366 2011 FH_{48}	17.3	X	169.68179	227.26904	103.31283	7.92077	0.1557889	0.29564255	2.2316432	20	1 12.5	20.3
353367 2011 GG_{62}	17.4	X	81.71211	286.43341	57.01073	22.35829	0.0878366	0.38725191	1.8641192	20	—	—
353368 2011 GT_{62}	18.0	X	139.61736	22.55272	198.47557	22.84157	0.0376381	0.37028591	1.9206339	20	11 28.7	20.5
353369 2011 HK_{8}	17.8	X	105.99475	49.83970	216.82299	20.64974	0.0586110	0.37217624	1.9141249	20	12 17.7	20.4
353370 2011 HO_{26}	15.7	X	11.61077	230.68260	102.88387	13.59819	0.2818486	0.23937057	2.5689494	20	11 23.5	18.7
353371 2011 HL_{62}	17.4	X	112.11506	198.72642	76.57245	23.58907	0.0344019	0.37115607	1.9176308	20	—	—
353372 2011 KG_{8}	17.8	X	166.12083	227.59944	92.86574	6.31991	0.1665996	0.28703484	2.2760387	20	—	—
353373 2011 KS_{16}	15.8	X	25.28413	214.59153	139.59084	22.74976	0.3010194	0.24554556	2.5256975	20	—	—
353374 2011 KA_{20}	17.4	X	330.16750	279.16061	116.44068	23.70354	0.1247337	0.36243728	1.9482625	20	12 26.1	19.1
353375 2011 KT_{47}	17.0	X	102.25642	67.93882	269.30377	3.40890	0.2015742	0.25905978	2.4370777	20	—	—
353376 2011 LD_{8}	17.1	X	100.04546	143.41159	120.92853	24.49377	0.0519190	0.36055477	1.9550381	20	12 11.4	19.8
353377 2011 LE_{18}	16.5	X	268.92723	75.33261	308.44444	11.71530	0.2159353	0.20361560	2.8615105	20	6 25.7	20.7
353378 2011 LG_{19}	15.6	X	265.09257	47.65590	261.42076	10.69244	0.1394615	0.18404242	3.0609584	20	3 23.4	20.4
353379 2011 LO_{28}	17.0	X	354.34901	33.86851	302.37139	0.70190	0.2863752	0.21950430	2.7217028	20	10 11.9	19.0
353380 2011 MB	17.6	X	107.56448	231.04371	110.02969	23.53564	0.0848406	0.38620519	1.8674858	20	—	—
353381 2011 MA_{1}	17.8	X	218.83761	192.59356	113.15169	4.75719	0.1595364	0.29095645	2.2555410	20	1 29.0	21.3
353382 2011 MJ_{7}	15.9	X	315.40024	95.71558	264.61219	23.68543	0.2018802	0.21843161	2.7306061	20	7 29.2	19.3
353383 2011 MO_{7}	17.5	X	7.59510	335.41793	342.73592	1.68481	0.2013856	0.22914930	2.6447849	20	10 4.3	20.1
353384 2011 MT_{8}	16.5	X	309.96046	52.17805	293.67762	8.33872	0.3384271	0.21114053	2.7931117	20	6 12.2	19.5
353385 2011 NK_{1}	17.2	X	95.80517	287.36089	48.97055	3.15499	0.2171473	0.25442492	2.4665861	20	—	—
353386 2011 NX_{3}	17.3	X	215.46450	294.55750	9.97193	2.99725	0.2203530	0.27848663	2.3223793	20	1 26.3	21.1
353387 2011 NY_{3}	15.8	X	245.88422	302.19419	32.50748	9.70303	0.0686623	0.17847960	3.1242348	20	4 16.6	20.4
353388 2011 OL_{1}	16.2	X	60.00999	10.99939	281.28435	10.59706	0.0647750	0.23287850	2.6164742	20	10 23.4	20.0
353389 2011 OY_{3}	17.5	X	149.41342	20.88482	300.31146	5.97882	0.1272465	0.27155054	2.3617591	20	—	—
353390 2011 OB_{4}	17.4	X	272.77453	321.57352	277.37431	5.73741	0.0813686	0.28846080	2.2685317	20	1 3.3	20.2
353391 2011 ON_{12}	17.1	X	86.36722	65.95409	294.12776	6.11027	0.1244269	0.26277561	2.4140486	20	—	—
353392 2011 OP_{17}	16.1	X	116.08132	107.00647	184.22145	8.19092	0.1957095	0.25416433	2.4682718	20	—	—
353393 2011 OC_{20}	17.0	X	344.99398	66.83380	308.26559	13.05922	0.2663158	0.22885102	2.6470826	20	11 14.9	19.5
353394 2011 OY_{20}	17.8	X	247.14399	340.84669	323.91869	5.30514	0.2098796	0.29825966	2.2185695	20	2 18.9	21.3
353395 2011 OJ_{23}	17.6	X	177.59174	31.95656	309.55096	6.36149	0.1272813	0.28320963	2.2964873	20	2 2.7	20.7
353396 2011 OO_{28}	17.4	X	120.94561	292.46220	36.66191	2.15498	0.1986733	0.26307389	2.4122235	20	—	—
353397 2011 OG_{39}	16.5	X	103.80514	243.78075	92.47312	10.27205	0.2108410	0.25647487	2.4534253	20	—	—
353398 2011 PR	17.9	X	230.36407	92.79373	125.28848	24.39416	0.0746195	0.37804807	1.8942532	20	—	—
353399 2011 PF_{5}	16.9	X	160.63849	44.60072	281.56663	5.40691	0.1964250	0.27107238	2.3645357	20	1 5.0	20.3
353400 2011 PN_{7}	17.9	X	329.45320	289.80512	288.41337	2.89046	0.0778469	0.29172758	2.2515645	20	2 18.3	20.4
353401 2011 PV_{8}	16.7	X	287.66791	76.77980	325.63241	7.25441	0.1558998	0.21618610	2.7494819	20	8 25.3	20.0
353402 2011 PS_{10}	16.2	X	189.33444	9.59680	22.15073	10.27130	0.1117463	0.19000313	2.9966007	20	4 22.4	20.8
353403 2011 PM_{13}	17.0	X	31.66134	300.86944	70.74167	4.13466	0.1836217	0.24510586	2.5287171	20	—	—
353404 2011 PR_{13}	15.8	X	323.12311	319.55243	313.66887	8.61610	0.0942608	0.19130334	2.9830075	20	4 29.5	19.9
353405 2011 PH_{15}	16.7	X	133.91603	242.02741	64.25816	6.94312	0.1139248	0.25307018	2.4753811	20	—	—
353406 2011 PK_{15}	15.1	X	259.53947	343.95634	301.47355	12.21021	0.0393431	0.18008232	3.1056702	20	2 29.9	19.8
353407 2011 QZ	17.1	X	37.51203	31.01931	307.75873	14.26226	0.0978930	0.23773548	2.5807150	20	12 2.8	20.8
353408 2011 QR_{1}	17.4	X	312.54848	61.03625	303.87395	3.62397	0.1682071	0.21456717	2.7632947	20	8 13.5	20.3
353409 2011 QW_{3}	16.9	X	336.84730	16.38025	335.20131	8.09080	0.1738040	0.21938914	2.7226552	20	9 12.9	19.5
353410 2011 QX_{3}	16.9	X	352.61795	290.66407	173.25209	7.43000	0.0961749	0.25679511	2.4513851	20	—	—
353411 2011 QZ_{8}	17.1	X	21.17810	181.82007	167.94036	7.32334	0.1682112	0.23296705	2.6158112	20	12 6.8	20.5
353412 2011 QH_{13}	15.4	X	257.84964	2.97686	303.98964	16.52350	0.1400586	0.18564606	3.0433056	20	3 10.1	20.4
353413 2011 QJ_{14}	17.5	X	198.12535	208.70323	126.01892	6.45811	0.2243716	0.28720483	2.2751405	20	2 17.4	21.3
353414 2011 QO_{14}	16.6	X	14.90440	244.47833	154.22652	14.20820	0.0825635	0.24661324	2.5184024	20	—	—
353415 2011 QY_{16}	16.9	X	85.51763	53.56592	323.30918	6.03103	0.1310060	0.26065562	2.4271204	20	—	—
353416 2011 QG_{17}	15.8	X	230.90453	159.09341	163.97450	9.14494	0.1791399	0.18087960	3.0965374	20	3 9.6	20.9
353417 2011 QG_{18}	17.3	X	124.11935	185.97131	137.46480	2.30824	0.1939607	0.26138035	2.4226319	20	—	—
353418 2011 QO_{18}	16.8	X	27.75052	86.29795	284.99865	14.22758	0.1516896	0.24299353	2.5433507	20	—	—
353419 2011 QK_{22}	16.6	X	183.59974	54.66786	247.69408	6.08538	0.1187468	0.27171677	2.3607958	20	—	—
353420 2011 QL_{22}	16.3	X	34.61464	0.15510	312.22830	12.44819	0.1972144	0.22876195	2.6477696	20	11 3.7	20.0
353421 2011 QL_{23}	17.4	X	34.22288	84.46824	289.15006	13.78277	0.1485353	0.24572644	2.5244578	20	—	—
353422 2011 QU_{23}	16.7	X	251.73365	273.08066	174.88893	6.78863	0.0956282	0.22039648	2.7143527	20	9 14.8	20.4
353423 2011 QU_{27}	16.9	X	192.01898	173.34909	189.18976	2.85545	0.3124763	0.17705272	3.1409979	20	3 22.7	22.5
353424 2011 QL_{32}	17.7	X	157.16441	238.12675	76.08995	2.53056	0.1945143	0.26710549	2.3878892	20	—	—
353425 2011 QX_{40}	16.8	X	345.97144	21.60764	315.31440	14.82569	0.1216618	0.21797269	2.7344375	20	9 4.3	20.0
353426 2011 QP_{43}	16.9	X	102.09771	154.55139	188.50237	6.67343	0.1601384	0.25863439	2.4397493	20	—	—
353427 2011 QR_{43}	15.8	X	177.17171	88.00468	301.66001	15.51145	0.2554222	0.17349598	3.1837804	20	4 4.6	21.7
353428 2011 QN_{44}	16.2	X	232.89585	60.53080	309.01530	9.37111	0.0994232	0.19299583	2.9655422	20	5 7.9	20.9
353429 2011 QP_{46}	16.4	X	336.99065	48.29642	286.56172	12.39615	0.1422688	0.21470472	2.7621144	20	8 15.2	19.5
353430 2011 QQ_{50}	17.2	X	174.05245	208.70299	112.19183	7.50064	0.1327570	0.27598663	2.3363829	20	1 5.5	20.5
353431 2011 QD_{51}	17.6	X	216.57729	290.50340	338.69170	1.93228	0.1331891	0.27067291	2.3668616	20	—	—
353432 2011 QC_{54}	16.6	X	119.41451	64.11678	267.56517	7.84873	0.0887239	0.25928600	2.4356600	20	—	—
353433 2011 QX_{56}	15.4	X	183.31955	30.06242	330.90029	19.59264	0.1561265	0.17510962	3.1641912	20	3 8.8	20.7
353434 2011 QC_{60}	17.0	X	322.64067	284.04102	241.33101	5.39368	0.0598627	0.26889571	2.3772789	20	—	—
353435 2011 QK_{60}	17.6	X	324.19970	312.41322	284.95834	5.59034	0.0708652	0.29588716	2.2304131	20	3 7.3	20.1
353436 2011 QW_{62}	17.2	X	355.75809	200.99449	340.89827	6.93540	0.0531931	0.28573195	2.2829524	20	2 13.7	19.5
353437 2011 QP_{63}	15.6	X	176.69239	139.04015	212.37967	8.78560	0.1046268	0.17006607	3.2264451	20	2 21.8	20.7
353438 2011 QJ_{67}	16.3	X	227.48995	167.70001	159.18089	11.57969	0.1886228	0.18307291	3.0717556	20	3 10.9	21.4
353439 2011 QT_{68}	16.4	X	195.12117	81.91652	307.79438	12.80351	0.2273149	0.18268310	3.0761238	20	4 19.5	22.0
353440 2011 QS_{70}	17.3	X	306.12157	309.57489	327.45101	5.82283	0.1286525	0.30725271	2.1750650	20	3 27.3	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353441 2011 QW_{70}	16.8	X	356.34417	150.59827	276.85199	7.44687	0.1856582	0.24533741	2.5271258	20	—	—
353442 2011 QD_{73}	17.1	X	69.80378	107.41240	284.33673	4.09499	0.0942360	0.26243086	2.4161624	20	—	—
353443 2011 QW_{75}	17.4	X	68.29237	269.57883	154.73070	6.75783	0.1084484	0.27283253	2.3543550	20	—	—
353444 2011 QU_{76}	16.6	X	300.57766	176.37930	342.12782	12.06179	0.1228213	0.25795625	2.4440233	20	—	—
353445 2011 QS_{78}	16.6	X	345.23854	137.32131	338.76525	6.10774	0.0985835	0.25930747	2.4355256	20	—	—
353446 2011 QZ_{90}	16.7	X	231.90775	134.37238	311.77672	12.48776	0.0705178	0.21635021	2.7480914	20	8 19.3	20.5
353447 2011 QB_{93}	16.9	X	275.67888	100.46576	315.10078	7.10092	0.1957792	0.21262551	2.7800918	20	8 17.9	20.6
353448 2011 QZ_{97}	16.6	X	200.89337	207.13196	72.10929	7.42111	0.1125411	0.26897365	2.3768196	20	—	—
353449 2011 QP_{98}	15.7	X	182.21726	242.59041	104.56775	13.48009	0.1712636	0.17375216	3.1806502	20	3 1.5	21.1
353450 2011 QU_{98}	16.6	X	154.33982	199.73483	72.59870	7.57153	0.1032205	0.25016512	2.4945078	20	—	—
353451 2011 QZ_{98}	15.8	X	185.23399	285.52949	139.42933	9.01475	0.0432251	0.19112505	2.9848624	20	6 1.8	20.3
353452 2011 RW_{2}	16.9	X	293.49970	104.00212	345.01305	14.31803	0.0575113	0.23412886	2.6071504	20	11 17.5	20.4
353453 2011 RC_{4}	17.6	X	314.94717	132.64860	150.01918	4.45706	0.1802577	0.30708146	2.1758735	20	4 14.9	19.6
353454 2011 RY_{9}	15.6	X	179.39176	58.30697	324.85102	9.36828	0.1128920	0.17790394	3.1309707	20	3 31.1	20.7
353455 2011 RE_{10}	17.0	X	287.95963	185.84670	223.32682	3.07222	0.1620778	0.21707386	2.7419805	20	9 2.5	20.3
353456 2011 RR_{11}	16.6	X	326.34529	139.00551	212.21930	2.33473	0.1031439	0.21295735	2.7772030	20	8 24.4	19.8
353457 2011 RG_{13}	16.4	X	170.95681	287.28615	129.23288	13.04398	0.0411747	0.17757466	3.1348400	20	5 8.9	21.2
353458 2011 RZ_{14}	15.9	X	158.44758	142.30591	323.63731	8.16698	0.0538545	0.19668471	2.9283455	20	6 21.9	20.3
353459 2011 RK_{16}	17.1	X	137.36774	233.30753	121.25825	4.55784	0.1955870	0.27136297	2.3628473	20	1 16.7	20.3
353460 2011 RC_{19}	16.7	X	339.86557	18.34131	326.45593	5.76718	0.0602877	0.21626481	2.7488148	20	9 8.1	19.9
353461 2011 RD_{19}	16.3	X	232.44353	226.67142	204.35182	3.81407	0.0942813	0.20299400	2.8673491	20	7 28.0	20.6
353462 2011 RW_{19}	16.7	X	99.39796	297.19071	34.72424	6.48414	0.1429265	0.25611782	2.4557049	20	—	—
353463 2011 SP	17.9	X	218.48999	22.65637	295.06898	2.07776	0.1797762	0.28742383	2.2739847	20	2 11.9	21.3
353464 2011 SS_{1}	16.8	X	146.74587	253.57669	183.24820	9.81667	0.2177998	0.17809317	3.1287524	20	5 14.8	22.1
353465 2011 SG_{2}	17.3	X	292.45265	48.90709	341.58864	4.33355	0.0762712	0.21523203	2.7576011	20	8 28.6	20.8
353466 2011 SE_{4}	15.4	X	243.32997	52.81094	258.63583	16.75729	0.1919000	0.18122514	3.0926000	20	2 26.5	20.8
353467 2011 SU_{9}	16.2	X	228.36343	126.77772	195.59873	9.89294	0.0732035	0.17699856	3.1416387	20	3 11.1	21.1
353468 2011 SG_{11}	17.0	X	294.86008	239.94408	319.56264	7.79863	0.1097831	0.26742492	2.3859873	20	—	—
353469 2011 SW_{13}	18.1	X	303.09611	285.56252	341.32999	5.03748	0.1482052	0.29996886	2.2101340	20	3 7.9	20.6
353470 2011 SV_{19}	17.6	X	148.64825	335.47357	354.63032	0.76993	0.1996182	0.26560904	2.3968498	20	—	—
353471 2011 SN_{27}	16.3	X	210.04578	67.56295	301.76817	8.36162	0.3119474	0.18148796	3.0896136	20	4 6.6	22.1
353472 2011 SV_{27}	16.7	X	156.93381	209.11199	151.35700	7.41286	0.1735002	0.27535523	2.3399532	20	2 10.1	20.3
353473 2011 SF_{28}	16.4	X	345.48129	328.06816	4.60071	10.05251	0.2528394	0.21967610	2.7202835	20	9 10.7	18.4
353474 2011 SP_{28}	16.9	X	145.31819	32.37472	299.66542	4.98875	0.2198478	0.26512340	2.3997758	20	—	—
353475 2011 SZ_{29}	15.5	X	29.10422	168.19697	36.56316	17.68089	0.1176190	0.17581836	3.1556820	20	5 16.4	19.5
353476 2011 ST_{35}	16.7	X	245.06738	339.17262	113.21874	1.67010	0.0390701	0.21245454	2.7815831	20	9 20.3	20.3
353477 2011 SG_{36}	16.0	X	172.18957	207.66646	184.40223	10.83181	0.1089805	0.17128964	3.2110617	20	4 9.0	21.1
353478 2011 SM_{37}	15.7	X	73.62303	262.46662	196.23852	10.90894	0.1107336	0.15553867	3.4243419	20	3 10.3	20.5
353479 2011 ST_{37}	15.7	X	150.30925	57.69413	38.01235	10.17497	0.0654068	0.18033829	3.1027307	20	5 29.1	20.4
353480 2011 SA_{40}	16.6	X	245.02454	260.44527	162.65246	2.28657	0.0490679	0.20291186	2.8681230	20	8 8.9	20.7
353481 2011 SR_{40}	16.5	X	25.72409	42.65596	336.48762	12.73440	0.1988171	0.23431927	2.6057378	20	—	—
353482 2011 SD_{45}	17.9	X	323.99278	310.44183	291.16543	2.43496	0.1277281	0.29697118	2.2249821	20	3 5.7	20.2
353483 2011 SS_{51}	17.1	X	275.19542	318.56596	317.33033	6.38899	0.1036215	0.28636446	2.2795894	20	2 20.9	20.2
353484 2011 SY_{57}	16.9	X	349.51042	289.51915	123.59828	4.67461	0.0214622	0.23506135	2.6002507	20	12 24.7	20.3
353485 2011 SA_{61}	17.1	X	157.99434	154.40985	145.80587	1.88316	0.1824889	0.26060073	2.4274612	20	—	—
353486 2011 SO_{63}	16.2	X	184.83904	30.39441	353.21501	8.63669	0.2784584	0.17513630	3.1638698	20	4 8.8	22.0
353487 2011 SB_{64}	16.0	X	206.52926	12.62147	0.10070	9.95313	0.0562156	0.17867628	3.1219416	20	4 17.0	20.7
353488 2011 SF_{65}	16.2	X	191.22246	82.47046	299.69420	7.35033	0.0928838	0.17663065	3.1459996	20	4 10.8	21.3
353489 2011 ST_{70}	16.1	X	264.88397	264.11252	131.40294	2.94152	0.0464613	0.20229605	2.8739405	20	7 30.2	19.8
353490 2011 SP_{71}	16.5	X	341.07278	108.77663	313.73804	8.63764	0.0651966	0.23906158	2.5711625	20	12 31.3	19.6
353491 2011 SZ_{71}	17.1	X	173.08998	355.31084	294.03536	4.30181	0.1713949	0.26388424	2.4072826	20	—	—
353492 2011 SJ_{72}	17.3	X	211.61663	93.21733	192.77857	5.97397	0.0924708	0.27356573	2.3501464	20	—	—
353493 2011 SP_{74}	15.9	X	253.24897	320.91854	343.65686	8.38997	0.0109417	0.17631450	3.1497593	20	3 23.6	20.3
353494 2011 SL_{80}	17.3	X	328.81753	211.75189	345.01309	5.07482	0.1059981	0.28028549	2.3124320	20	1 18.0	20.0
353495 2011 SQ_{82}	17.6	X	99.37626	193.47016	198.82397	3.35559	0.1412919	0.26593113	2.3949141	20	1 9.8	20.4
353496 2011 SU_{82}	16.3	X	201.07679	234.76980	177.13160	4.87017	0.1482469	0.18202333	3.0835525	20	5 29.4	21.4
353497 2011 SB_{84}	16.1	X	207.96456	208.82302	176.87149	6.60265	0.1648833	0.18379959	3.0636539	20	5 4.1	21.1
353498 2011 SA_{85}	16.4	X	72.89379	129.11142	112.30367	3.17273	0.0121251	0.20308750	2.8664690	20	8 27.6	20.4
353499 2011 SF_{86}	17.1	X	186.29165	208.67499	90.48809	4.57163	0.2046840	0.26506847	2.4001074	20	—	—
353500 2011 SK_{86}	16.1	X	167.68826	73.68391	114.87105	5.18537	0.0263293	0.21562542	2.7542461	20	10 21.5	20.0
353501 2011 SJ_{88}	16.7	X	37.11227	347.23777	301.26911	3.40448	0.0377832	0.21128364	2.7918504	20	9 13.1	20.4
353502 2011 SZ_{88}	16.1	X	18.72713	293.95373	2.59362	12.65822	0.1618699	0.21337386	2.7735877	20	9 16.7	19.3
353503 2011 SP_{89}	16.1	X	160.39108	213.12198	213.97630	9.78289	0.0827300	0.17734752	3.1375162	20	5 7.7	20.9
353504 2011 SK_{90}	16.2	X	300.65291	156.88069	227.85580	4.85140	0.0653337	0.20928976	2.8095541	20	8 30.9	19.8
353505 2011 SY_{90}	16.7	X	88.99270	24.04778	304.29192	1.78919	0.0542937	0.24073964	2.5592005	20	—	—
353506 2011 SD_{92}	16.2	X	341.35836	340.72428	12.63436	5.17497	0.1312768	0.21316951	2.7753600	20	9 24.9	19.2
353507 2011 SW_{97}	16.0	X	227.90667	6.43509	12.36006	11.20101	0.1199334	0.18804881	3.0173266	20	5 12.6	20.7
353508 2011 SG_{98}	17.1	X	298.41379	203.11296	8.05939	6.75987	0.0616473	0.27210684	2.3585391	20	1 4.6	20.2
353509 2011 SA_{100}	16.1	X	264.46390	282.98222	139.67808	6.63036	0.0309634	0.21204088	2.7851996	20	9 8.5	19.7
353510 2011 SR_{100}	17.6	X	300.93935	145.42127	25.92295	1.89829	0.1256074	0.26092122	2.4254730	20	—	—
353511 2011 SA_{111}	16.2	X	235.18941	19.84072	304.74928	9.60802	0.1296059	0.18131351	3.0915951	20	3 13.7	21.1
353512 2011 SK_{111}	17.2	X	101.21025	330.95386	18.10590	6.87745	0.1356260	0.25598531	2.4565523	20	—	—
353513 2011 SR_{111}	16.1	X	210.77943	91.62491	289.07975	8.87291	0.1270890	0.18317433	3.0706216	20	4 27.5	21.1
353514 2011 SV_{113}	16.7	X	6.38520	320.42971	5.87705	7.06480	0.0732099	0.22015470	2.7163397	20	9 26.8	20.1
353515 2011 SE_{115}	15.7	X	253.02104	151.73721	186.95410	12.26274	0.1387681	0.18694432	3.0291995	20	4 22.4	20.3
353516 2011 SV_{116}	17.1	X	160.02347	172.60934	161.13784	5.82801	0.1257971	0.27143378	2.3624364	20	1 6.4	20.4
353517 2011 SE_{120}	16.5	X	274.02354	308.69343	126.45294	3.58890	0.1664728	0.21761329	2.7374473	20	9 18.8	19.8
353518 2011 SZ_{121}	16.9	X	222.69704	263.76360	116.49643	1.64802	0.1246677	0.18501104	3.0502653	20	5 12.4	21.5
353519 2011 SS_{123}	16.6	X	174.91399	261.66827	185.29024	0.70061	0.0371214	0.18492329	3.0512302	20	6 15.9	21.0
353520 2011 SS_{126}	16.5	X	316.11473	344.84288	35.07345	4.85672	0.0783723	0.21390229	2.7690179	20	9 21.1	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353521 2011 SE_{128}	16.1	X	128.84580	307.93433	172.76459	5.64524	0.0550368	0.18348132	3.0671957	20	6 6.4	20.6
353522 2011 SW_{128}	16.8	X	189.85946	275.94032	146.32288	3.73831	0.1926129	0.18244772	3.0787689	20	5 30.9	22.1
353523 2011 SM_{131}	17.1	X	197.39839	194.81616	81.34375	3.10700	0.1966480	0.26428442	2.4048519	20	—	—
353524 2011 SJ_{133}	17.0	X	199.51541	287.39102	147.16966	3.80644	0.0895170	0.19067538	2.9895533	20	6 26.7	21.6
353525 2011 SB_{136}	16.5	X	14.38632	122.30019	212.21856	6.79193	0.1368802	0.22134644	2.7065809	20	10 28.6	19.4
353526 2011 SO_{136}	16.7	X	322.16221	42.72044	314.47504	2.78535	0.1101631	0.21256494	2.7806199	20	8 25.6	19.9
353527 2011 SF_{139}	17.1	X	163.57474	245.84116	10.33985	9.90295	0.0639652	0.24555284	2.5256475	20	—	—
353528 2011 SH_{141}	16.8	X	54.84878	99.49171	190.29209	4.56194	0.0910052	0.22003667	2.7173109	20	10 19.9	20.3
353529 2011 SQ_{142}	16.8	X	358.85267	294.30290	25.17978	4.00442	0.0936625	0.21089162	2.7953090	20	9 6.9	20.1
353530 2011 SE_{143}	15.5	X	17.81431	172.77659	24.14581	17.55736	0.0544757	0.17488330	3.1669205	20	4 17.5	19.7
353531 2011 SY_{143}	15.6	X	171.32764	19.23956	21.70954	16.23933	0.0846724	0.17281428	3.1921476	20	4 16.0	20.5
353532 2011 SC_{156}	16.7	X	254.90239	19.48815	30.77491	6.42334	0.0548002	0.20592107	2.8401124	20	8 7.3	20.7
353533 2011 SU_{157}	16.4	X	221.97594	148.92530	206.80285	4.20943	0.1703191	0.17904313	3.1176757	20	4 8.9	21.5
353534 2011 SU_{158}	16.3	X	219.04398	56.92992	344.27193	9.46527	0.0969861	0.18814361	3.0163130	20	6 3.7	21.0
353535 2011 SY_{166}	16.8	X	299.77523	234.98633	112.62593	3.05283	0.0866861	0.20381873	2.8596090	20	7 8.9	20.5
353536 2011 ST_{170}	16.5	X	69.58381	268.12261	5.04600	3.49025	0.0597327	0.21398120	2.7683371	20	10 10.6	20.2
353537 2011 SQ_{171}	16.4	X	183.45492	4.61466	227.13750	6.74471	0.1416944	0.23661403	2.5888629	20	12 24.0	20.4
353538 2011 SS_{171}	16.7	X	112.11417	229.78373	354.08237	3.65278	0.0444451	0.21002927	2.8029552	20	9 26.9	20.8
353539 2011 SU_{173}	17.5	X	163.20988	187.98903	127.79788	2.24994	0.1539565	0.26589675	2.3951205	20	—	—
353540 2011 SY_{174}	16.5	X	145.30189	254.29615	189.56294	9.91915	0.0961599	0.17901783	3.1179695	20	5 14.2	21.3
353541 2011 SE_{175}	16.5	X	298.05999	355.57658	30.41835	4.66224	0.1128117	0.21137675	2.7910304	20	8 27.8	19.9
353542 2011 SF_{175}	16.2	X	129.84475	52.63597	31.18045	5.39762	0.1715497	0.17181398	3.2045253	20	5 2.8	21.2
353543 2011 SA_{176}	16.0	X	188.27105	49.67018	326.60581	7.24814	0.2538186	0.17435955	3.1732593	20	4 2.1	21.6
353544 2011 SA_{179}	16.7	X	6.18802	349.51803	344.83896	4.43122	0.1182123	0.21813212	2.7331049	20	10 10.2	19.8
353545 2011 SE_{180}	16.5	X	29.45430	110.80531	211.93446	6.26966	0.0556199	0.21991609	2.7183041	20	10 23.0	20.0
353546 2011 SS_{181}	16.7	X	9.09154	47.31097	280.62545	2.76569	0.0976073	0.21439295	2.7647915	20	10 2.9	20.0
353547 2011 SW_{181}	16.6	X	339.07329	20.62317	342.88119	3.90614	0.1121466	0.21564930	2.7540428	20	10 3.4	19.7
353548 2011 SJ_{187}	16.4	X	297.34565	183.43270	208.59640	5.35096	0.0647511	0.21276515	2.7788753	20	9 5.9	20.0
353549 2011 SR_{188}	16.6	X	304.59834	41.71386	334.30742	5.73645	0.0628884	0.21049134	2.7988517	20	8 27.8	20.2
353550 2011 SB_{191}	15.6	X	221.69212	300.72135	63.45833	27.63125	0.1732084	0.17897220	3.1184995	20	4 28.6	20.9
353551 2011 SK_{194}	16.2	X	216.70472	213.97786	174.62112	9.27891	0.0920650	0.18639649	3.0351319	20	5 20.2	21.0
353552 2011 SD_{206}	16.4	X	232.99529	239.80005	142.02307	2.90299	0.1084602	0.18784495	3.0195092	20	5 26.6	21.0
353553 2011 SS_{208}	16.1	X	169.53491	87.07597	325.19256	8.91396	0.0892850	0.18064013	3.0992735	20	4 24.7	21.0
353554 2011 SN_{209}	16.7	X	337.98496	237.08299	124.44648	3.82128	0.1015430	0.21395582	2.7685560	20	10 1.3	19.8
353555 2011 SV_{211}	16.9	X	314.39506	172.87605	223.87031	2.22530	0.0923163	0.21787969	2.7352155	20	10 8.9	19.9
353556 2011 SP_{217}	15.9	X	159.65887	235.54575	181.16276	12.14500	0.1465817	0.17787022	3.1313664	20	4 28.9	21.0
353557 2011 SK_{218}	16.0	X	196.89254	303.39472	76.56901	10.28395	0.1491090	0.17745545	3.1362438	20	4 20.5	21.2
353558 2011 SX_{221}	16.7	X	192.25858	333.15541	63.40649	2.20055	0.1879824	0.18190217	3.0849215	20	5 1.9	21.7
353559 2011 SZ_{222}	16.0	X	233.74953	199.47920	153.01052	12.91129	0.1588266	0.18210244	3.0826593	20	4 20.5	21.1
353560 2011 SO_{223}	16.8	X	282.42484	356.28243	28.36253	2.22358	0.0914461	0.20575460	2.8416441	20	8 3.2	20.4
353561 2011 SN_{225}	16.1	X	163.21157	157.26827	258.33787	5.73931	0.0579903	0.17563584	3.1578679	20	4 23.4	20.8
353562 2011 SQ_{228}	16.8	X	60.78893	10.80359	281.22054	5.01650	0.0410105	0.22008178	2.7169396	20	10 20.2	20.5
353563 2011 SA_{229}	16.5	X	24.29752	48.09256	255.00616	3.94916	0.1033582	0.21049541	2.7988156	20	9 22.3	20.0
353564 2011 SU_{229}	16.1	X	217.65846	11.68319	336.91771	16.35240	0.2033737	0.17813562	3.1282554	20	3 21.8	21.6
353565 2011 SF_{230}	16.6	X	348.04779	188.79954	155.45847	6.42541	0.0366705	0.21557798	2.7546502	20	9 21.5	20.0
353566 2011 SC_{231}	16.5	X	288.82178	116.57744	305.09638	3.69232	0.0993114	0.21829129	2.7317762	20	9 29.9	19.8
353567 2011 SM_{231}	16.6	X	359.04069	0.55356	326.50497	2.86537	0.1664569	0.21584747	2.7523568	20	9 22.3	19.4
353568 2011 ST_{235}	16.5	X	264.47620	35.08934	316.76062	9.32586	0.1135670	0.18853164	3.0121728	20	5 20.9	21.1
353569 2011 SO_{245}	16.4	X	274.18069	254.50690	120.45834	3.10334	0.0825984	0.20077077	2.8884780	20	7 9.7	20.4
353570 2011 SA_{246}	16.6	X	131.49381	222.17368	329.49852	7.34972	0.1209915	0.21105449	2.7938708	20	9 11.8	20.9
353571 2011 SO_{249}	15.6	X	205.43140	311.38759	75.76517	10.76749	0.1060609	0.17920541	3.1157933	20	5 6.9	20.5
353572 2011 SA_{252}	15.8	X	177.64132	221.98457	170.50101	5.08651	0.1977042	0.17575121	3.1564857	20	4 16.3	21.1
353573 2011 SK_{254}	15.7	X	168.72454	158.66278	265.18156	7.64565	0.0172177	0.18638177	3.0352916	20	5 8.2	20.1
353574 2011 SX_{255}	16.8	X	259.93068	318.46267	151.47590	4.22685	0.0210196	0.22262403	2.6962160	20	11 6.7	20.5
353575 2011 SG_{256}	15.9	X	163.83586	254.48665	168.42797	3.50008	0.0880809	0.17534923	3.1613079	20	5 6.9	20.7
353576 2011 SM_{256}	16.0	X	215.46666	182.90306	192.34764	12.15928	0.1252635	0.17851519	3.1238195	20	4 30.4	21.0
353577 Gediminas	17.0	X	188.76212	246.48818	234.78205	1.10374	0.0610688	0.20267474	2.8703595	20	8 15.0	21.2
353578 2011 SY_{259}	16.7	X	145.57660	350.41092	225.25933	4.06637	0.0614271	0.21786861	2.7353083	20	10 26.9	20.8
353579 2011 SC_{262}	17.4	X	233.34817	216.88465	358.06358	5.60356	0.0511430	0.25767476	2.4458030	20	—	—
353580 2011 SD_{272}	16.1	X	226.61272	62.68165	311.04589	8.60668	0.1161777	0.18906105	3.0065471	20	5 5.2	20.9
353581 2011 SM_{272}	15.3	X	223.02089	98.58163	287.74422	9.76038	0.1046382	0.18420527	3.0591541	20	5 19.8	20.2
353582 2011 SP_{272}	15.4	X	186.46098	292.18152	112.28116	11.12082	0.2396075	0.17767862	3.1336171	20	5 9.9	21.0
353583 2011 ST_{274}	15.8	X	84.78658	100.23353	15.03095	7.51623	0.0682824	0.17372842	3.1809399	20	4 7.9	20.2
353584 2011 SD_{275}	17.2	X	199.01076	278.77457	3.27276	6.10442	0.1335170	0.26830018	2.3807954	20	—	—
353585 2011 TV	16.7	X	178.63201	141.07761	205.47630	12.15433	0.1381505	0.17030195	3.2234651	20	2 18.6	22.1
353586 2011 TT_{1}	16.9	X	215.98378	312.30159	98.17892	4.15007	0.0908110	0.19057401	2.9906134	20	6 14.2	21.4
353587 2011 TK_{2}	16.6	X	218.89001	215.14886	228.84010	1.17373	0.0354295	0.20401368	2.8577870	20	8 5.1	20.6
353588 2011 TN_{2}	15.9	X	226.22911	241.57184	170.88571	12.15931	0.0496668	0.19658233	2.9293622	20	7 1.8	20.3
353589 2011 TM_{3}	16.1	X	287.97536	254.78668	145.94834	6.42092	0.0545949	0.20817695	2.8195575	20	9 7.5	19.8
353590 2011 TG_{4}	15.1	X	218.49479	266.29316	85.15732	22.40524	0.1171833	0.17034693	3.2228977	20	4 16.1	20.5
353591 2011 TX_{7}	16.9	X	345.36039	165.38125	190.88874	2.48680	0.0790831	0.21874265	2.7280169	20	10 4.7	20.1
353592 2011 TY_{10}	17.0	X	267.76414	11.97561	78.32515	2.98203	0.0706316	0.22091815	2.7100780	20	10 15.2	20.5
353593 2011 TZ_{10}	16.1	X	199.76415	236.33248	153.90146	5.54038	0.1507136	0.18126824	3.0921097	20	5 3.0	21.1
353594 2011 TQ_{11}	15.5	X	178.58946	256.11831	156.80443	9.82926	0.0950915	0.18130726	3.0916661	20	5 11.7	20.4
353595 Grancanaria	16.0	X	189.91683	96.59076	270.78784	5.44330	0.1878046	0.17305920	3.1891351	20	3 24.3	21.4
353596 2011 TM_{13}	17.0	X	18.13567	244.20406	142.30106	6.88014	0.0797435	0.23803971	2.5785156	20	—	—
353597 2011 TO_{15}	16.2	X	158.45816	73.15574	183.72540	15.10459	0.0403691	0.24138920	2.5546074	20	—	—
353598 2011 TL_{16}	15.6	X	83.41157	240.52931	253.97229	4.08687	0.0787159	0.16785413	3.2547280	20	5 1.5	20.0
353599 2011 TN_{17}	15.5	X	265.33871	254.93259	92.75784	11.59917	0.0708484	0.18861634	3.0112710	20	5 26.8	19.8
353600 2011 UV	16.0	X	224.91320	120.69083	250.17957	6.10424	0.2526028	0.18252314	3.0779207	20	4 23.7	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353601 2011 UC_1	16.5	X	273.75942	5.96990	320.80147	3.75651	0.1483670	0.18510174	3.0492688	20	4 26.2	21.0
353602 2011 UF_1	15.5	X	229.23350	3.54722	358.12915	5.12884	0.1562238	0.17991037	3.1076487	20	4 22.2	20.4
353603 2011 UH_1	15.6	X	237.84011	11.05857	16.90477	10.51545	0.0891343	0.18817226	3.0160068	20	6 8.5	20.3
353604 2011 UJ_1	16.0	X	214.28292	160.76419	233.94899	8.97448	0.0899448	0.18256212	3.0774826	20	5 23.7	20.6
353605 2011 UK_1	16.7	X	260.00278	48.55162	242.11285	5.43152	0.2032517	0.28640062	2.2793976	20	2 12.3	20.2
353606 2011 US_9	16.3	X	215.36920	167.70782	221.51987	3.91173	0.1358538	0.17885684	3.1198402	20	5 15.3	21.2
353607 2011 UA_{11}	16.0	X	120.45998	252.76058	193.40290	13.67190	0.0898233	0.17613173	3.1519379	20	4 19.1	20.7
353608 2011 UH_{11}	17.2	X	262.88122	107.16846	316.86167	3.19999	0.0896778	0.21399212	2.7682429	20	8 28.5	21.0
353609 2011 UK_{11}	17.7	X	290.53112	350.78263	248.90873	2.27831	0.1085095	0.28442957	2.2899160	20	1 22.4	20.5
353610 2011 UM_{14}	15.2	X	188.32746	133.90909	251.99887	7.95193	0.0947154	0.17294211	3.1905745	20	4 13.8	20.2
353611 2011 UE_{15}	17.1	X	203.75246	13.26791	278.68241	3.69901	0.1598569	0.26413936	2.4057323	20	1 1.4	21.0
353612 2011 UQ_{21}	16.4	X	196.57990	5.67217	0.47310	8.90653	0.0937023	0.17500642	3.1654349	20	3 30.7	21.4
353613 2011 UJ_{23}	16.6	X	250.34159	307.84458	45.58443	5.14460	0.1656687	0.18673953	3.0314137	20	5 3.3	21.1
353614 2011 UE_{31}	15.0	X	242.96879	318.85901	53.51255	12.31841	0.0391090	0.18081540	3.0972702	20	5 31.9	19.4
353615 2011 UY_{32}	16.3	X	332.99634	55.18343	298.95251	5.10404	0.0614199	0.21224735	2.7833930	20	9 8.5	19.7
353616 2011 UN_{34}	17.2	X	104.57862	5.97966	306.59764	2.02609	0.1573563	0.24466223	2.5317730	20	—	—
353617 2011 UW_{34}	16.5	X	210.90883	193.27628	291.43491	2.35106	0.0392539	0.21243224	2.7817778	20	9 17.0	20.5
353618 2011 UD_{36}	15.8	X	147.32824	291.53602	224.35687	9.21643	0.0270028	0.19309254	2.9645519	20	8 6.9	20.3
353619 2011 UK_{37}	16.0	X	296.10961	198.47796	115.57535	12.21057	0.1721439	0.19022795	2.9942392	20	5 11.0	20.2
353620 2011 UX_{39}	16.8	X	328.15911	120.38514	242.59476	2.77316	0.1104424	0.21284556	2.7781754	20	9 12.4	19.9
353621 2011 UN_{40}	16.5	X	33.65507	95.08686	217.63269	4.03771	0.1108349	0.22077805	2.7112243	20	10 23.8	19.9
353622 2011 UF_{43}	16.5	X	196.34050	139.77390	252.80224	3.64561	0.1972817	0.17818495	3.1276780	20	4 29.4	21.9
353623 2011 UM_{48}	15.4	X	127.38299	264.71758	227.84767	9.24416	0.0313026	0.18193942	3.0845005	20	6 16.4	19.9
353624 2011 UC_{49}	15.7	X	27.62420	175.10222	42.16439	9.77444	0.0147037	0.17918566	3.1160222	20	5 24.5	20.0
353625 2011 UF_{50}	16.0	X	11.38250	166.04490	53.63709	10.04753	0.0272977	0.17388429	3.1790387	20	5 8.4	20.3
353626 2011 UH_{53}	17.2	X	203.89473	42.50234	247.44667	4.44349	0.2177978	0.26453134	2.4033552	20	—	—
353627 2011 UQ_{53}	16.6	X	108.99211	14.76615	298.41681	1.34276	0.0969107	0.23667927	2.5883872	20	—	—
353628 2011 UU_{54}	14.7	X	27.15127	89.70874	50.08700	10.57113	0.0347483	0.14868240	3.5288213	20	2 27.9	19.7
353629 2011 UT_{58}	17.1	X	177.64043	243.28628	37.79833	5.82867	0.2017952	0.26246700	2.4159405	20	—	—
353630 2011 UP_{59}	15.4	X	78.26709	64.51391	36.14825	9.63058	0.1072574	0.15320738	3.4589922	20	3 23.6	20.2
353631 2011 UE_{62}	15.6	X	24.25503	170.34149	67.99214	16.81268	0.1802219	0.17841424	3.1249977	20	7 2.4	19.3
353632 2011 UW_{71}	16.3	X	313.75768	38.27820	350.07633	4.02070	0.0763736	0.21327737	2.7744242	20	9 26.4	19.7
353633 2011 UP_{74}	16.5	X	241.85976	296.54438	50.80401	6.24245	0.1604610	0.18022005	3.1040876	20	4 19.3	21.4
353634 2011 UX_{75}	15.6	X	214.51959	146.83497	243.63295	8.97154	0.0221595	0.18003085	3.1062620	20	5 23.1	19.9
353635 2011 UB_{77}	15.7	X	78.46255	271.11929	234.13173	17.63428	0.1037867	0.16877014	3.2429404	20	5 13.0	20.1
353636 2011 UO_{77}	16.4	X	271.82224	114.13200	316.85618	3.45091	0.0436966	0.20985069	2.8045453	20	9 24.4	20.2
353637 2011 UL_{78}	16.5	X	337.07381	18.48536	7.09600	5.53616	0.0474358	0.21792127	2.7348676	20	10 28.7	19.9
353638 2011 UR_{78}	16.7	X	40.85021	20.37820	278.28613	3.28824	0.0533452	0.21187367	2.7866648	20	10 3.6	20.4
353639 2011 UQ_{81}	16.1	X	340.17482	61.15305	218.28667	9.23552	0.0484245	0.18368957	3.0648770	20	6 10.6	20.2
353640 2011 UJ_{82}	16.0	X	175.32032	55.45599	295.15158	4.61119	0.1084163	0.15417250	3.4445417	20	2 22.7	21.3
353641 2011 UF_{86}	16.3	X	275.76804	309.61918	76.88524	7.05942	0.0865509	0.20029085	2.8930902	20	7 28.2	20.3
353642 2011 UW_{93}	16.8	X	179.12458	351.77219	45.44964	0.18055	0.1309831	0.17403386	3.1772171	20	4 21.1	21.7
353643 2011 UD_{95}	16.0	X	14.46719	294.31894	36.38143	4.70588	0.1041048	0.21833498	2.7314117	20	10 18.8	19.1
353644 2011 UG_{100}	16.8	X	66.63505	204.03649	55.22838	5.23691	0.0239982	0.21014545	2.8019221	20	9 16.2	20.7
353645 2011 UP_{106}	16.1	X	222.68447	74.58995	299.93599	15.28936	0.1118403	0.18176151	3.0865129	20	4 30.4	21.2
353646 2011 UH_{107}	17.1	X	152.80372	50.73662	211.96175	4.73399	0.0816301	0.24210184	2.5495918	20	—	—
353647 2011 UT_{113}	16.6	X	78.14153	164.02081	129.24126	2.11216	0.0356512	0.21880935	2.7274626	20	11 14.4	20.4
353648 2011 UY_{115}	16.1	X	327.71005	293.73169	12.76378	12.96405	0.0370004	0.19292414	2.9662767	20	6 30.5	20.3
353649 2011 UL_{116}	16.5	X	326.47301	264.80603	93.87546	5.31485	0.1131586	0.21401591	2.7680377	20	9 7.8	19.7
353650 2011 UU_{116}	16.2	X	165.20918	154.02868	274.63919	3.80365	0.1208425	0.17632762	3.1496030	20	5 14.8	21.1
353651 2011 UE_{117}	16.3	X	244.95527	250.93529	194.44528	3.60821	0.0735695	0.20915057	2.8108005	20	9 3.6	20.2
353652 2011 UC_{125}	17.5	X	198.77986	107.22538	184.46646	2.17685	0.2156704	0.26888504	2.3773418	20	—	—
353653 2011 UT_{125}	16.6	X	165.59793	151.89302	296.82542	3.31823	0.0268428	0.18503091	3.0500469	20	6 6.6	21.0
353654 2011 UU_{126}	16.4	X	259.72378	327.89698	21.51488	5.45071	0.1544847	0.18341497	3.0679354	20	5 8.4	21.1
353655 2011 UM_{128}	15.8	X	173.74452	109.02031	242.33691	8.60389	0.0752695	0.15444357	3.4405101	20	2 18.5	21.2
353656 2011 UL_{131}	17.3	X	186.15642	78.62385	211.71582	5.33119	0.1159729	0.26767460	2.3845034	20	—	—
353657 2011 UT_{134}	16.1	X	233.57804	305.32443	49.67412	9.99787	0.0876296	0.17804220	3.1293496	20	4 26.7	20.8
353658 2011 US_{141}	16.0	X	9.75691	322.07953	284.88694	3.56467	0.1147346	0.17993257	3.1073931	20	6 13.1	19.6
353659 2011 UV_{150}	15.5	X	184.40725	204.58660	193.05207	11.28771	0.1346620	0.17830107	3.1263199	20	4 27.7	20.5
353660 2011 UB_{160}	15.9	X	298.10059	16.02211	304.63868	9.76798	0.1207140	0.18821475	3.0155528	20	5 23.9	20.0
353661 2011 UR_{164}	16.1	X	280.35437	322.88814	64.85499	11.22873	0.0732727	0.20020190	2.8939471	20	8 9.8	20.1
353662 2011 UE_{175}	16.6	X	15.33220	18.54408	335.29404	5.43724	0.0724151	0.22075853	2.7113841	20	11 13.6	20.1
353663 2011 UA_{176}	17.0	X	262.48830	289.62249	348.83458	6.61320	0.1624723	0.28302474	2.2974873	20	2 7.1	20.4
353664 2011 UF_{188}	16.3	X	310.38272	161.15118	227.19097	4.68562	0.0990216	0.21646029	2.7471596	20	9 18.4	19.5
353665 2011 UD_{190}	15.5	X	23.61218	94.39223	313.69900	2.44997	0.2560924	0.12437017	3.9748912	20	—	—
353666 2011 UJ_{190}	16.5	X	317.80403	245.80323	129.83211	9.96524	0.1772700	0.21179724	2.7873351	20	9 11.1	19.4
353667 2011 US_{193}	15.9	X	273.32205	205.96363	134.47849	8.46934	0.2445138	0.19179536	2.9779037	20	5 4.9	20.5
353668 2011 UB_{196}	16.4	X	279.18016	69.03795	278.94753	4.60845	0.0834031	0.18773907	3.0206445	20	6 10.2	20.4
353669 2011 UP_{196}	16.1	X	110.95180	342.05790	257.25474	6.92538	0.1722702	0.21283601	2.7782584	20	10 23.1	20.7
353670 2011 UX_{204}	15.1	X	338.84832	125.10747	138.69887	16.72156	0.1050620	0.17940692	3.1134598	20	5 20.3	19.3
353671 2011 UU_{205}	16.1	X	169.89903	317.18770	132.22663	11.86917	0.1049120	0.18322415	3.0700650	20	6 15.4	21.0
353672 2011 UB_{217}	16.5	X	240.43924	58.75268	53.73007	2.82426	0.0280225	0.21678444	2.7444204	20	10 12.8	20.1
353673 2011 UR_{219}	16.5	X	356.76491	270.27374	57.24045	4.07352	0.0665701	0.21077243	2.7963628	20	9 13.5	19.9
353674 2011 UA_{220}	16.4	X	332.01755	263.08809	87.31031	1.66753	0.0821948	0.20964522	2.8063774	20	9 4.2	19.7
353675 2011 UZ_{226}	16.6	X	218.39116	266.14964	106.14250	2.16978	0.1935686	0.18076455	3.0978511	20	4 25.3	21.7
353676 2011 UF_{229}	16.6	X	33.33969	155.12014	166.71590	2.58300	0.0666612	0.22117446	2.7079838	20	10 29.9	20.0
353677 2011 UV_{235}	15.3	X	129.91994	249.18914	240.74501	9.11114	0.0681855	0.18045146	3.1014333	20	6 19.6	20.0
353678 2011 UK_{254}	15.5	X	70.36079	303.48189	44.65586	5.94601	0.2799367	0.12540851	3.9529201	20	—	—
353679 2011 UF_{257}	16.9	X	198.15401	70.23058	84.44337	0.49762	0.0127813	0.21283688	2.7782508	20	10 14.1	20.7
353680 2011 US_{264}	16.4	X	350.89686	88.10495	296.25529	5.02881	0.0293877	0.22316871	2.6918273	20	11 15.7	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353681 2011 US_{285}	16.4	X	177.97067	181.38486	53.19984	8.23275	0.1750500	0.24006005	2.5640282	20	12 20.1	20.4
353682 2011 UJ_{286}	16.3	X	308.68764	88.85395	298.06418	7.97914	0.1617101	0.21495286	2.7599882	20	9 4.8	19.5
353683 2011 UH_{295}	16.8	X	340.71105	57.30689	296.38557	3.51055	0.0964026	0.21703813	2.7422815	20	9 21.7	20.0
353684 2011 UZ_{302}	16.1	X	99.25625	7.18069	230.39419	7.84654	0.1032028	0.21215485	2.7842020	20	10 3.6	20.3
353685 2011 UY_{304}	17.2	X	301.06897	44.29041	230.94648	6.29810	0.1050854	0.28939981	2.2636219	20	3 22.9	19.8
353686 2011 UK_{306}	16.5	X	310.91312	262.92525	129.94898	4.74299	0.1022193	0.21466649	2.7624423	20	9 29.2	19.7
353687 2011 UP_{306}	17.3	X	187.45176	289.43311	16.00886	4.52172	0.1413821	0.26702862	2.3883474	20	1 1.9	21.0
353688 2011 UT_{307}	16.0	X	134.17347	54.83534	71.92999	11.02863	0.0746752	0.18381415	3.0634920	20	6 21.0	20.5
353689 2011 UT_{309}	16.0	X	219.86230	36.66644	319.94851	9.65634	0.0718439	0.17150492	3.2083740	20	4 9.5	21.1
353690 2011 UK_{322}	16.4	X	217.15090	338.20024	127.23923	2.99785	0.0524021	0.20365767	2.8611165	20	8 30.1	20.3
353691 2011 UT_{325}	16.5	X	46.70590	281.97799	356.08337	6.20649	0.0268399	0.20516353	2.8470992	20	9 11.9	20.2
353692 2011 UA_{335}	15.3	X	39.68303	47.04302	348.27763	7.03198	0.2172389	0.12482533	3.9652226	20	—	—
353693 2011 US_{335}	16.9	X	311.40103	171.73016	210.91651	1.22869	0.0872948	0.21707999	2.7419289	20	9 14.8	20.2
353694 2011 UO_{336}	16.7	X	18.12853	194.96351	138.31096	2.78288	0.1119224	0.21878318	2.7276800	20	10 29.7	19.9
353695 2011 UL_{339}	16.8	X	188.72940	188.06708	96.68387	8.10660	0.1175508	0.26280684	2.4138574	20	—	—
353696 2011 UC_{347}	16.5	X	152.89032	119.65650	97.63871	5.59642	0.0175389	0.22506054	2.6767213	20	11 10.2	20.2
353697 2011 UZ_{359}	16.1	X	225.60389	161.51253	228.40490	7.40648	0.0613973	0.18441886	3.0567916	20	6 1.6	20.5
353698 2011 UP_{368}	16.3	X	252.38543	152.50507	200.58919	8.90854	0.0819399	0.18011763	3.1052643	20	5 15.9	20.8
353699 2011 UN_{379}	15.7	X	277.95556	222.15184	121.93564	10.92202	0.1262839	0.18583538	3.0412382	20	5 30.6	20.1
353700 2011 UX_{382}	16.1	X	167.14788	93.85627	351.55693	8.58288	0.0352255	0.18014396	3.1049617	20	6 3.2	20.7
353701 2011 UL_{385}	16.8	X	119.60862	228.93518	351.17575	2.16662	0.0205398	0.21359868	2.7716412	20	9 29.7	20.5
353702 2011 UY_{390}	16.0	X	186.69919	273.25773	135.92060	11.88046	0.1909194	0.17647177	3.1478876	20	5 15.7	21.5
353703 2011 UN_{392}	15.7	X	230.18387	353.12296	353.38025	9.12239	0.0852840	0.17476633	3.1683334	20	4 9.3	20.6
353704 2011 UK_{394}	15.4	X	340.13650	107.26661	90.19201	10.87447	0.0494737	0.15727199	3.3991353	20	3 5.0	20.2
353705 2011 UL_{400}	15.8	X	236.42884	67.65227	301.16924	13.52018	0.0684501	0.18235989	3.0797574	20	5 14.3	20.6
353706 2011 UD_{406}	16.0	X	150.45122	45.75724	13.57687	8.91110	0.2073076	0.17380568	3.1799973	20	4 23.3	21.3
353707 2011 UR_{407}	16.0	X	242.54474	37.90560	318.37957	9.38204	0.0470194	0.18062894	3.0994014	20	5 7.9	20.7
353708 2011 UZ_{407}	17.6	X	243.76296	153.02571	146.91658	3.19680	0.1574549	0.28421793	2.2910527	20	2 14.4	20.9
353709 2011 VM	15.4	X	90.21878	237.47333	290.04448	11.95649	0.1860432	0.17552698	3.1591733	20	7 6.5	20.1
353710 2011 VH_{1}	16.0	X	171.04095	118.39752	327.79691	9.11592	0.0766218	0.18221116	3.0814330	20	6 10.4	20.8
353711 2011 VK_{4}	16.4	X	31.00835	195.32614	99.70074	3.76033	0.0479787	0.20943848	2.8082239	20	9 17.9	20.1
353712 2011 VA_{6}	16.7	X	267.22731	191.08791	145.73196	4.58429	0.0815755	0.18362683	3.0655751	20	5 13.4	21.0
353713 2011 VC_{7}	15.0	X	143.99117	181.93482	253.54517	20.30323	0.0448800	0.16991038	3.2284156	20	4 23.8	20.0
353714 2011 VQ_{8}	15.5	X	204.47509	7.63542	354.87948	17.04196	0.3214362	0.18092495	3.0960199	20	3 27.5	21.3
353715 2011 VZ_{8}	16.3	X	253.97476	233.42586	133.02727	11.45487	0.1322407	0.18867693	3.0106263	20	5 29.7	21.0
353716 2011 VA_{10}	18.2	X	283.75350	97.47537	235.41512	1.53574	0.0306241	0.29998292	2.2100649	20	6 5.4	20.6
353717 2011 VN_{14}	15.9	X	153.47236	47.84760	42.91808	17.11416	0.1526452	0.17552080	3.1592475	20	5 29.6	21.2
353718 2011 VS_{21}	16.6	X	359.61909	45.84984	232.07206	7.29294	0.0204608	0.18925762	3.0044649	20	7 5.6	20.7
353719 2011 WM	16.7	X	315.90199	22.85950	322.02837	1.15147	0.1136049	0.20170386	2.8795629	20	7 27.4	20.2
353720 2011 WY	16.1	X	309.88708	270.93698	65.75253	4.68419	0.0601038	0.18724652	3.0259393	20	7 12.1	20.0
353721 2011 WR_{1}	13.6	X	206.73074	58.36918	77.23560	9.34414	0.0516275	0.08477930	5.1318760	20	9 14.8	20.7
353722 2011 WT_{19}	16.3	X	15.65391	51.52967	242.98079	4.76437	0.0601628	0.20196673	2.8770638	20	8 21.9	20.0
353723 2011 WK_{33}	15.4	X	313.36842	205.91535	74.33371	12.41440	0.0803780	0.17597165	3.1538491	20	5 4.3	19.6
353724 2011 WO_{33}	16.7	X	110.26220	164.29222	130.90249	3.90286	0.1590852	0.23419308	2.6066737	20	—	—
353725 2011 WV_{37}	17.2	X	38.04129	288.48666	96.17918	4.59707	0.2230590	0.23491398	2.6013381	20	—	—
353726 2011 WO_{54}	16.4	X	47.84379	236.86835	69.67719	6.11441	0.0454307	0.21670412	2.7450985	20	10 26.5	20.1
353727 2011 WF_{62}	14.4	X	210.00202	283.58963	212.23864	5.57580	0.1615245	0.08374595	5.1740050	20	9 4.9	21.9
353728 2011 WD_{98}	16.0	X	265.80396	252.66237	96.66971	4.02916	0.0656297	0.17770279	3.1333330	20	5 28.9	20.5
353729 2011 WT_{106}	15.5	X	212.34598	167.12021	206.87926	10.08034	0.0868108	0.17731430	3.1379080	20	4 26.8	20.3
353730 2011 WN_{114}	15.2	X	123.03108	56.54279	76.40835	21.95037	0.1122553	0.17369948	3.1812932	20	6 18.9	20.1
353731 2011 WR_{114}	16.1	X	266.12769	220.71837	148.90660	8.14237	0.2410552	0.19021000	2.9944276	20	6 1.5	20.7
353732 2011 WC_{124}	16.7	X	309.87998	137.03875	214.76584	9.37695	0.1200860	0.19988594	2.8969959	20	7 22.9	20.4
353733 2011 WC_{145}	16.7	X	191.21830	324.35437	276.07944	1.17204	0.0343135	0.23066233	2.6332066	20	—	—
353734 2011 WM_{147}	15.9	X	18.20715	331.74932	298.77312	9.04185	0.0715827	0.19163795	2.9795342	20	7 26.4	19.7
353735 2011 WL_{150}	15.4	X	270.41721	217.31632	124.21134	10.23492	0.0880348	0.17942886	3.1132059	20	5 23.8	19.9
353736 2011 WT_{152}	17.3	X	9.59689	248.62462	209.51935	14.55507	0.0760427	0.24384967	2.5373941	20	—	—
353737 2011 XO_{1}	13.0	X	229.72548	44.88936	80.25810	12.89759	0.1544631	0.08348274	5.1848747	20	9 18.9	20.4
353738 2011 YP	12.8	X	242.91675	353.97228	112.88333	9.93899	0.0806960	0.08157019	5.2656066	20	9 16.0	20.0
353739 2011 YN_{8}	13.7	X	296.72984	287.05410	133.71898	9.84062	0.0877145	0.08184672	5.2537395	20	9 23.8	20.4
353740 2011 YB_{18}	14.0	X	319.35706	295.97136	81.84113	8.68360	0.0665848	0.08406278	5.1609964	20	9 7.0	20.7
353741 2011 YC_{25}	15.4	X	162.67877	199.32913	299.79135	7.91344	0.0848399	0.17717692	3.1395298	20	8 6.1	20.3
353742 2011 YE_{28}	13.2	X	229.21810	187.47323	291.19670	21.75864	0.0989054	0.08261256	5.2212198	20	8 30.4	20.6
353743 2011 YN_{40}	13.4	X	279.26626	328.92281	100.65265	8.56991	0.0903828	0.08112985	5.2846425	20	9 12.9	20.3
353744 2011 YL_{45}	13.7	X	243.32053	338.73659	151.90408	8.29672	0.0495304	0.08303425	5.2035279	20	10 15.4	20.7
353745 2011 YE_{47}	15.8	X	237.36948	253.10327	149.13291	10.55688	0.1251756	0.18533488	3.0467111	20	6 23.9	20.5
353746 2011 YN_{49}	16.5	X	78.26573	153.14021	68.69494	3.69945	0.0432012	0.19127308	2.9833221	20	8 12.8	20.6
353747 2011 YK_{57}	13.4	X	300.34532	319.86559	97.90663	7.38342	0.0424763	0.07955882	5.3539851	20	9 30.1	20.3
353748 2011 YT_{65}	13.6	X	333.39448	254.11721	136.62372	15.93747	0.0751783	0.08353799	5.1825883	20	10 10.3	20.3
353749 2011 YP_{74}	13.1	X	289.09393	337.60422	103.69667	27.38709	0.0767227	0.08271824	5.2167719	20	10 19.1	20.2
353750 2012 AG_{11}	16.2	X	46.00906	39.11861	7.62209	11.36620	0.1816380	0.24083106	2.5585528	20	—	—
353751 2012 BS_{6}	16.4	X	124.93953	251.94852	328.49304	1.86231	0.0771004	0.18926376	3.0043999	20	10 6.4	21.0
353752 2012 BC_{16}	15.4	X	103.74571	253.72258	309.86755	9.22489	0.0338079	0.17593759	3.1542561	20	8 15.9	20.0
353753 2012 BU_{57}	13.7	X	305.90060	290.54507	126.61211	4.17177	0.0394504	0.08309559	5.2009667	20	10 4.9	20.5
353754 2012 BK_{82}	16.3	X	75.84328	302.38341	328.76785	4.60387	0.1124123	0.18738100	3.0244914	20	10 16.7	20.8
353755 2012 BW_{101}	14.0	X	266.80198	139.20056	316.82441	6.64444	0.1080276	0.08315831	5.1983510	20	9 20.4	20.9
353756 2012 BR_{102}	15.9	X	83.18328	222.46232	24.59932	1.56329	0.0685624	0.18477988	3.0528087	20	9 21.9	20.2
353757 2012 BO_{137}	17.3	X	3.68473	277.15088	324.77681	6.19667	0.1023502	0.26832244	2.3806637	20	5 23.9	19.7
353758 2012 BR_{151}	16.0	X	40.50743	154.25314	179.18817	1.60892	0.0824119	0.19890442	2.9065185	20	11 20.2	19.8
353759 2012 CE_{8}	15.3	X	58.32393	110.94776	145.29126	9.89873	0.0597528	0.17447477	3.1718621	20	8 31.3	19.6
353760 2012 CY_{23}	15.5	X	341.80041	117.69327	206.88418	5.28890	0.0721588	0.17182620	3.2043734	20	8 8.2	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353761 2012 CF_{52}	13.2	X	306.54192	112.03613	304.83106	8.41557	0.0951438	0.08450565	5.1429489	20	9 24.5	19.8
353762 2012 DR_{24}	15.7	X	157.63218	65.36951	154.71908	11.39353	0.0630460	0.18338863	3.0682290	20	11 12.0	20.5
353763 2012 DK_{55}	17.5	X	218.21692	326.14323	341.71402	18.40946	0.0406302	0.35886275	1.9611785	20	1 27.0	19.9
353764 2012 DX_{83}	16.2	X	188.22106	182.43273	126.76018	6.10143	0.1018581	0.21916523	2.7245092	20	1 11.5	20.5
353765 2012 FK_{1}	16.1	X	163.63839	61.93140	83.50375	0.13168	0.1305805	0.17020304	3.2247138	20	8 15.6	21.3
353766 2012 FQ_{28}	17.3	X	15.25728	184.78680	76.57015	3.16162	0.1732706	0.26675178	2.3899996	20	7 27.8	19.3
353767 2012 FF_{35}	16.9	X	192.54276	147.61884	162.43358	7.76383	0.0502904	0.22420216	2.6835489	20	1 13.6	20.8
353768 2012 GP_{22}	15.7	X	14.98521	320.96775	87.73926	10.26909	0.1004948	0.19175224	2.9783502	20	—	—
353769 2012 GC_{30}	18.0	X	164.02749	69.23468	41.23454	2.01061	0.1234978	0.27101012	2.3648978	20	7 8.3	21.6
353770 2012 HB_{4}	15.8	X	131.73438	212.84489	46.06566	11.10286	0.1905920	0.17678383	3.1441820	20	11 28.7	21.1
353771 2012 HZ_{17}	17.1	X	83.34068	206.49312	105.04759	8.27660	0.0154398	0.30167854	2.2017758	20	—	—
353772 2012 HM_{23}	17.3	X	57.85860	160.37612	74.56712	3.45904	0.1604408	0.26972806	2.3723857	20	8 30.4	20.1
353773 2012 HK_{25}	17.3	X	55.50143	166.14468	100.79213	5.20586	0.1839291	0.27712405	2.3299856	20	10 16.3	20.4
353774 2012 HF_{43}	15.8	X	129.53136	259.54749	35.06491	9.50362	0.0892399	0.18983732	2.9983453	20	—	—
353775 2012 HS_{56}	16.1	X	125.88252	93.52818	172.72661	10.57495	0.1578478	0.17482939	3.1675715	20	12 3.6	21.4
353776 2012 HU_{61}	16.2	X	220.97155	314.55339	175.38082	10.13080	0.2013618	0.17833968	3.1258687	20	9 14.9	21.2
353777 2012 HS_{74}	16.2	X	85.99900	31.01111	63.49097	13.11626	0.0989883	0.23306587	2.6150717	20	3 21.4	19.8
353778 2012 HA_{77}	15.5	X	246.82248	326.00097	207.54658	9.97306	0.0467512	0.18918139	3.0052720	20	12 25.7	19.9
353779 2012 HR_{78}	15.0	X	293.27131	263.55909	122.56552	8.99366	0.0315302	0.15111068	3.4909151	20	8 23.3	19.8
353780 2012 JP_{2}	18.0	X	114.52982	87.07169	198.75795	7.39099	0.2128314	0.29834205	2.2181610	20	—	—
353781 2012 JO_{23}	16.0	X	312.32706	86.29839	201.39276	13.65469	0.1688602	0.24122950	2.5557347	20	4 23.7	18.8
353782 2012 JB_{60}	17.5	X	294.45260	276.13456	99.11764	7.69097	0.1305573	0.26928090	2.3750113	20	8 10.7	19.9
353783 2012 KC_{21}	17.3	X	95.25219	151.93217	86.02829	5.64324	0.0748005	0.28239151	2.3009206	20	10 12.5	20.4
353784 2012 KM_{26}	16.4	X	69.51405	203.67957	142.18287	3.14493	0.0708513	0.18398026	3.0616478	20	—	—
353785 2012 KW_{30}	15.7	X	224.20601	219.48749	98.15914	10.13875	0.1602772	0.21826733	2.7319761	20	2 27.7	20.2
353786 2012 KZ_{45}	15.3	X	156.75886	46.97261	281.13992	10.34458	0.0834613	0.17993414	3.1073751	20	1 6.5	19.9
353787 2012 MQ_{7}	15.8	X	35.39334	140.10715	242.47380	24.01632	0.2273701	0.27975968	2.3153286	20	—	—
353788 2012 OK_{1}	16.2	X	285.51953	158.59242	191.13159	8.85123	0.0681682	0.22649663	2.6653948	20	6 24.3	19.8
353789 2012 PG_{15}	16.2	X	244.93278	58.18830	309.93673	12.59649	0.1852616	0.22362261	2.6881835	20	5 9.0	20.7
353790 2012 PE_{32}	16.8	X	17.21381	222.43394	92.55278	3.90638	0.1893124	0.25739761	2.4475583	20	10 24.6	19.4
353791 2012 PH_{43}	16.4	X	158.79307	299.88163	79.73824	2.95716	0.1134670	0.19532345	2.9419354	20	3 11.3	21.0
353792 2012 QR_{19}	16.9	X	29.93905	180.30301	131.67586	3.27915	0.2083344	0.25888717	2.4381609	20	11 11.7	19.8
353793 2012 QK_{25}	16.0	X	95.80362	57.73715	342.11666	11.06826	0.0787654	0.17519679	3.1631415	20	1 25.4	20.4
353794 2012 QO_{33}	16.1	X	192.94372	265.56537	183.60272	21.70475	0.0885065	0.22554126	2.6729164	20	7 7.6	20.6
353795 2012 QY_{41}	16.3	X	324.17586	184.04224	216.01214	8.46472	0.2174338	0.25670806	2.4519393	20	11 13.8	18.0
353796 2012 RR_{6}	13.0	X	255.97130	97.07352	227.90368	16.52923	0.1064210	0.08415705	5.1571414	20	4 14.1	20.1
353797 2012 RO_{20}	15.9	X	188.25109	212.28739	186.17465	12.28618	0.1919205	0.20689620	2.8311814	20	5 1.8	20.7
353798 2012 RL_{31}	15.0	X	217.27672	7.28622	275.88495	12.97745	0.0698230	0.17843189	3.1247916	20	1 14.1	19.7
353799 2012 ST_{16}	16.7	X	22.61889	64.97126	216.74897	11.20961	0.3028265	0.24338249	2.5406402	20	9 27.9	19.5
353800 2012 TP_{37}	15.9	X	149.78009	232.85248	135.34327	11.32641	0.1589480	0.17813577	3.1282537	20	2 22.7	20.8
353801 2012 TR_{52}	13.9	X	111.89805	140.23728	357.92843	17.93483	0.0181337	0.08144492	5.2710044	20	5 29.4	21.1
353802 2012 TP_{68}	16.7	X	289.44814	356.54799	38.81630	3.29213	0.2208376	0.23334023	2.6130214	20	8 11.8	19.5
353803 2012 TY_{99}	15.8	X	171.30332	14.78480	7.31341	10.95059	0.1169300	0.18844075	3.0131413	20	3 25.9	20.5
353804 2012 TM_{106}	16.8	X	197.02369	132.98301	241.41157	1.02876	0.1047189	0.19802530	2.9151144	20	4 9.3	21.4
353805 2012 TZ_{124}	16.7	X	250.48126	103.87897	274.36704	12.83973	0.2210357	0.21845864	2.7303809	20	5 27.4	21.1
353806 2012 TB_{132}	16.3	X	275.62347	112.37615	263.60906	4.92021	0.0355082	0.22052680	2.7132832	20	7 20.7	19.8
353807 2012 TY_{149}	17.5	X	57.90155	351.07861	28.51115	2.74222	0.2200995	0.27536986	2.3398703	20	—	—
353808 2012 TD_{200}	17.6	X	52.57926	172.76638	257.11714	2.79226	0.1990965	0.28772116	2.2724178	20	—	—
353809 2012 TF_{214}	16.9	X	319.30136	123.38099	216.19191	10.81233	0.2283241	0.23235297	2.6204180	20	7 11.3	19.5
353810 2012 TU_{215}	17.5	X	13.51205	300.67227	125.47067	1.86899	0.1680539	0.27243171	2.3566637	20	—	—
353811 2012 TM_{216}	17.6	X	27.81298	114.40365	258.12967	5.52900	0.2082185	0.26365907	2.4086530	20	—	—
353812 2012 TW_{222}	16.8	X	252.21346	45.88120	52.99034	5.53408	0.2009456	0.23499198	2.6007624	20	9 19.1	20.3
353813 2012 TY_{230}	15.1	X	240.52756	57.19797	240.52929	26.03347	0.0743818	0.18031294	3.1030215	20	2 13.7	20.3
353814 2012 TJ_{243}	17.0	X	241.15849	290.80167	87.17081	2.80917	0.0891331	0.21402225	2.7679831	20	6 1.4	20.8
353815 2012 TF_{309}	17.1	X	50.02325	235.94900	130.39598	12.49845	0.2737307	0.27152873	2.3618856	20	—	—
353816 2012 TH_{310}	16.0	X	114.01449	118.22914	306.77615	9.20694	0.0708436	0.18071747	3.0983892	20	3 9.2	20.6
353817 2012 TV_{310}	18.2	X	97.69087	127.68832	263.43009	1.22139	0.2099789	0.29286405	2.2457359	20	1 11.4	20.4
353818 2012 TF_{311}	16.5	X	188.34956	330.29298	3.39103	6.19104	0.1966906	0.18817210	3.0160085	20	2 17.0	21.6
353819 2012 TN_{312}	16.4	X	251.48800	230.74812	128.39489	8.87827	0.2365660	0.21189308	2.7864945	20	5 6.9	21.0
353820 2012 TC_{315}	16.1	X	139.11872	305.19456	130.18535	7.45972	0.3045404	0.18599820	3.0394632	20	5 12.5	21.5
353821 2012 TH_{317}	15.2	X	103.15960	333.78509	112.97409	17.86455	0.1626911	0.18048353	3.1010660	20	4 16.7	20.1
353822 2012 TJ_{317}	16.0	X	301.31220	250.98913	117.48531	15.36282	0.1013792	0.23001047	2.6381793	20	8 11.5	19.1
353823 2012 TC_{319}	17.0	X	283.37793	190.23577	148.65236	14.64754	0.3395851	0.22227505	2.6990374	20	5 2.2	21.3
353824 2012 UP_{38}	17.0	X	0.34696	80.28785	253.31890	5.47982	0.2188736	0.24401676	2.5362357	20	10 17.8	19.5
353825 2012 UU_{39}	18.0	X	144.83815	126.71671	244.79368	3.17466	0.1454580	0.30489759	2.1862512	20	2 4.1	20.8
353826 2012 UF_{56}	15.9	X	219.66455	308.26859	10.43967	3.89063	0.1064991	0.18356517	3.0662615	20	2 27.4	20.7
353827 2012 UJ_{56}	16.3	X	205.01343	73.40492	292.66042	2.49910	0.0637246	0.19243866	2.9712635	20	4 7.7	20.8
353828 2012 UE_{61}	16.9	X	262.81133	201.61836	268.69577	4.96257	0.1523048	0.22972783	2.6403428	20	10 20.7	20.2
353829 2012 UW_{88}	16.2	X	171.20344	345.21417	55.21616	1.29507	0.2081665	0.18935136	3.0034732	20	4 19.3	21.4
353830 2012 UX_{97}	15.7	X	135.26746	70.06628	341.77465	9.91466	0.1055697	0.18070929	3.0984826	20	3 22.5	20.3
353831 2012 UA_{102}	16.9	X	320.41446	259.09154	55.68923	4.33568	0.0556046	0.21625903	2.7488638	20	6 29.6	20.4
353832 2012 UX_{108}	16.9	X	258.95725	196.54979	233.14126	4.29383	0.1956615	0.23085030	2.6317770	20	8 15.0	20.6
353833 2012 UE_{122}	16.6	X	209.03067	71.54989	307.52034	4.57467	0.0913072	0.19605335	2.9346290	20	4 26.1	21.2
353834 2012 UX_{134}	16.4	X	234.93007	199.71762	252.80583	8.38202	0.1717262	0.22427089	2.6830007	20	8 17.4	20.6
353835 2012 UV_{135}	15.7	X	122.88257	271.01857	147.53369	11.97731	0.1382958	0.18009851	3.1054840	20	3 26.3	20.4
353836 2012 UV_{147}	16.9	X	218.16659	139.00148	279.01772	2.09282	0.0688531	0.21322226	2.7749022	20	6 28.7	21.0
353837 2012 UP_{150}	16.7	X	144.59792	239.41673	260.21128	2.31349	0.0308860	0.21467265	2.7623895	20	7 18.2	20.6
353838 2012 UE_{167}	16.3	X	264.85108	203.14204	261.90763	12.32648	0.1088763	0.24476330	2.5310760	20	10 24.9	19.6
353839 2012 VV_{16}	16.2	X	153.29440	322.37294	254.44022	11.74968	0.0730334	0.24421069	2.5348928	20	11 9.2	19.9
353840 2012 VX_{16}	16.0	X	11.44393	141.43989	74.81966	10.15046	0.0739826	0.18417186	3.0595240	20	5 6.6	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353841 2012 VF_{17}	16.6	X	5.88346	253.59963	123.56687	2.78375	0.0728255	0.24584590	2.5236400	20	12 9.6	19.5
353842 2012 VO_{19}	16.7	X	253.29811	351.49886	76.67683	7.27998	0.0120927	0.22237939	2.6981931	20	9 7.8	20.4
353843 2012 VD_{35}	15.9	X	133.04973	303.12810	114.73401	2.14880	0.0675167	0.18127537	3.0920287	20	3 26.8	20.4
353844 2012 VM_{35}	15.6	X	249.66755	215.40295	60.34517	10.30039	0.0512528	0.17370362	3.1812427	20	2 15.9	20.4
353845 2012 VU_{37}	15.4	X	189.61139	114.00944	243.88983	12.79483	0.1197516	0.17813673	3.1282423	20	3 9.5	20.7
353846 2012 VF_{39}	16.4	X	254.96785	137.14863	250.94684	11.84503	0.1733924	0.21629929	2.7485226	20	6 19.7	20.5
353847 2012 VH_{40}	16.1	X	205.36403	233.18597	247.06363	12.34321	0.0433731	0.22469899	2.6795918	20	8 31.2	20.1
353848 2012 VN_{42}	16.9	X	219.04212	132.52096	78.18393	5.34187	0.0553058	0.25866449	2.4395600	20	—	—
353849 2012 VZ_{42}	16.5	X	232.50145	23.23602	67.57026	10.18596	0.0914655	0.22227959	2.6990006	20	8 31.6	20.5
353850 2012 VE_{45}	16.4	X	39.71665	118.41780	224.84087	3.21127	0.0663144	0.24498203	2.5295692	20	12 9.8	19.6
353851 2012 VS_{51}	16.3	X	188.26219	296.21481	121.52784	3.16853	0.1059324	0.19557861	2.9393760	20	5 25.1	20.8
353852 2012 VE_{52}	16.4	X	146.38810	332.78323	233.50894	13.67993	0.0284432	0.23289474	2.6163525	20	10 16.2	20.2
353853 2012 VV_{78}	15.8	X	76.87513	58.55857	68.71953	12.99974	0.0979048	0.18005771	3.1059532	20	4 21.8	20.1
353854 2012 VS_{85}	18.1	X	53.01893	273.87071	218.09323	2.09100	0.0571039	0.30424757	2.1893640	20	2 28.5	20.3
353855 2012 VP_{90}	17.6	X	308.30782	25.46303	89.53161	3.57946	0.1520150	0.25800951	2.4436870	20	—	—
353856 2012 VX_{90}	17.2	X	266.29137	224.69568	170.30201	1.71716	0.0929486	0.21898456	2.7260075	20	7 25.2	20.8
353857 2012 VP_{92}	16.7	X	350.26967	217.86041	102.51021	4.06564	0.1110506	0.22513685	2.6761164	20	8 27.4	19.6
353858 2012 VE_{93}	17.7	X	1.78624	249.93332	217.72582	4.36411	0.1619466	0.27370027	2.3493762	20	—	—
353859 2012 VN_{93}	16.6	X	246.22426	22.29664	73.27306	14.76080	0.2173231	0.22842660	2.6503604	20	9 9.8	20.7
353860 2012 VU_{93}	17.5	X	3.04882	31.55530	96.55581	5.68419	0.1372363	0.28091097	2.3089981	20	—	—
353861 2012 VV_{96}	15.9	X	330.52929	214.30106	89.24172	9.48205	0.0738114	0.20868012	2.8150233	20	6 27.6	19.4
353862 2012 VV_{97}	15.4	X	176.07965	308.89309	78.68746	17.78792	0.1221264	0.18627496	3.0364519	20	4 14.9	20.5
353863 2012 VP_{98}	16.1	X	252.28931	169.68725	218.13193	14.36227	0.1427419	0.21591550	2.7517786	20	6 19.6	20.4
353864 2012 VF_{103}	15.6	X	89.45718	193.17494	265.03461	12.87124	0.0963459	0.17252407	3.1957264	20	3 21.7	20.4
353865 2012 VL_{104}	16.0	X	95.62142	77.18415	76.53586	6.73481	0.2977989	0.18937259	3.0032487	20	7 8.2	20.9
353866 2012 WN_{2}	16.6	X	104.67707	250.84745	209.96839	1.71320	0.1399974	0.18156853	3.0886995	20	4 24.2	21.0
353867 2012 WE_{3}	17.0	X	232.40549	73.61348	75.74312	4.38862	0.0518560	0.24467530	2.5316828	20	11 20.9	20.2
353868 2012 WG_{5}	18.7	X	26.89261	200.62359	233.42531	1.30009	0.1938942	0.27555050	2.3388475	20	—	—
353869 2012 WE_{8}	15.7	X	87.99449	339.15153	268.43504	10.78317	0.0865744	0.22817523	2.6523066	20	9 30.8	19.7
353870 2012 WJ_{9}	15.6	X	58.28133	261.65296	265.90080	7.69213	0.0771244	0.18368967	3.0648759	20	5 8.7	19.8
353871 2012 WO_{9}	16.2	X	90.31462	85.90609	76.96613	10.08800	0.1398113	0.18939882	3.0029714	20	6 24.5	20.5
353872 2012 WY_{14}	16.3	X	149.03239	312.32713	88.98902	6.19081	0.1662005	0.17846449	3.1244111	20	4 3.0	21.3
353873 2012 WF_{15}	16.5	X	238.74232	0.36252	80.33841	12.36791	0.1051851	0.22248608	2.6973305	20	8 23.8	20.5
353874 2012 WX_{15}	15.6	X	213.95845	287.63128	77.90584	11.48424	0.1340607	0.19289325	2.9665935	20	4 19.6	20.5
353875 2012 WC_{17}	17.0	X	28.47075	18.44525	91.60666	25.46112	0.2394385	0.28539363	2.2847562	20	—	—
353876 2012 WV_{21}	16.3	X	325.12276	350.51263	21.43930	3.16839	0.1834945	0.23607553	2.5927983	20	9 24.5	18.5
353877 2012 WD_{24}	16.2	X	137.87227	2.36193	86.19067	1.40238	0.1140238	0.18880616	3.0092523	20	5 12.1	20.6
353878 2012 WM_{24}	16.1	X	195.12673	68.87649	52.17081	15.37267	0.0417947	0.22172730	2.7034806	20	9 3.8	20.2
353879 2012 WF_{28}	15.7	X	140.65859	184.00631	254.00860	9.78783	0.1214634	0.18531242	3.0469573	20	4 30.8	20.6
353880 2012 WF_{33}	16.6	X	290.67597	343.80342	71.30046	12.93616	0.1735079	0.23274743	2.6174564	20	9 26.6	19.7
353881 2012 WX_{34}	15.7	X	165.48043	241.44762	131.63222	5.99327	0.1706607	0.17479925	3.1679356	20	3 14.7	20.8
353882 2012 XX_{2}	17.2	X	342.67358	201.20672	289.99318	5.92096	0.0492828	0.27595105	2.3365837	20	—	—
353883 2012 XH_{4}	16.3	X	353.44967	240.77088	118.68488	10.25981	0.2815904	0.24455572	2.5325080	20	11 27.2	18.6
353884 2012 XP_{4}	16.5	X	281.28839	210.96576	152.33214	4.55906	0.1139213	0.21392561	2.7688166	20	6 29.4	20.3
353885 2012 XC_{8}	15.5	X	170.51538	333.63626	73.10229	11.14197	0.1089782	0.18856062	3.0118641	20	4 26.9	20.3
353886 2012 XY_{9}	15.9	X	146.28652	177.00980	285.67600	4.43509	0.1751842	0.19175930	2.9782770	20	6 10.5	20.6
353887 2012 XD_{14}	17.0	X	259.37945	19.96301	4.38743	3.41225	0.1998759	0.21572561	2.7533932	20	6 16.6	21.1
353888 2012 XF_{16}	16.1	X	327.62703	267.62385	78.43726	15.32799	0.2402494	0.23184023	2.6242801	20	8 21.2	18.6
353889 2012 XJ_{17}	15.3	X	20.21334	108.58930	72.12796	13.00549	0.0709145	0.17704256	3.1411181	20	4 8.2	19.5
353890 2012 XF_{29}	16.5	X	321.97497	2.60981	303.33117	1.15904	0.0366179	0.20509607	2.8477235	20	6 20.9	20.0
353891 2012 XX_{33}	16.3	X	82.67396	58.30617	88.18395	4.77815	0.0624986	0.18563416	3.0434357	20	5 14.7	20.4
353892 2012 XA_{35}	15.3	X	246.99640	245.04755	74.64463	17.88623	0.0957957	0.18401318	3.0612826	20	4 5.6	20.2
353893 2012 XK_{37}	16.5	X	167.02873	295.12580	93.85829	6.27288	0.1466409	0.17986010	3.1082277	20	4 3.6	21.5
353894 2012 XV_{37}	15.9	X	229.22371	93.27166	247.84726	7.97794	0.0562899	0.18309841	3.0714704	20	4 3.1	20.5
353895 2012 XQ_{38}	16.2	X	126.94452	324.06326	178.62188	1.90760	0.0077941	0.20235929	2.8733418	20	6 27.2	20.2
353896 2012 XM_{39}	16.8	X	176.68366	207.75725	186.82778	1.52508	0.1696539	0.18620787	3.0371812	20	4 16.2	21.8
353897 2012 XP_{41}	16.1	X	281.71062	49.26372	270.96995	1.05488	0.0380439	0.19380918	2.9572394	20	5 14.9	20.1
353898 2012 XU_{46}	15.4	X	149.13998	110.59813	243.41344	15.33320	0.1842010	0.16374476	3.3089568	20	2 2.4	21.0
353899 2012 XB_{48}	17.0	X	32.26521	11.65966	69.04184	10.18330	0.1334443	0.27157504	2.3616171	20	—	—
353900 2012 XE_{53}	16.3	X	280.80273	100.68831	284.21309	6.96565	0.0639288	0.20849829	2.8166597	20	8 3.3	20.0
353901 2012 XJ_{53}	17.1	X	107.35079	306.91434	99.83970	7.03704	0.1039489	0.28680082	2.2772766	20	2 2.5	19.6
353902 2012 XM_{53}	17.0	X	264.75038	136.50630	100.50280	9.12604	0.0656472	0.27420426	2.3464966	20	—	—
353903 2012 XN_{58}	15.6	X	29.85433	306.44124	236.55202	8.37020	0.0357015	0.18307750	3.0717042	20	4 14.2	19.8
353904 2012 XJ_{67}	15.6	X	165.53867	276.19448	99.67503	15.95206	0.1977970	0.17756682	3.1349323	20	3 24.6	21.1
353905 2012 XT_{76}	16.8	X	214.27759	287.06052	199.17401	1.99422	0.1315302	0.22810113	2.6528810	20	9 15.6	20.8
353906 2012 XY_{84}	16.1	X	132.02093	288.77722	117.59951	16.04660	0.2227242	0.17363845	3.1820387	20	4 2.0	21.5
353907 2012 XP_{104}	16.5	X	59.45058	190.18231	105.12043	12.99648	0.0751437	0.22228973	2.6989186	20	11 5.0	20.4
353908 2012 XR_{105}	17.2	X	243.47007	83.68989	37.27934	5.92562	0.1605637	0.22657634	2.6647697	20	10 10.3	20.7
353909 2012 XB_{110}	17.8	X	93.57122	144.63767	272.72049	6.76249	0.0829660	0.28513110	2.2861584	20	1 22.3	20.2
353910 2012 XH_{116}	18.0	X	122.65596	155.43394	282.09531	3.93184	0.1087458	0.30185883	2.2008991	20	4 1.8	20.7
353911 2012 XQ_{116}	16.8	X	322.96470	251.25313	174.20600	5.75095	0.1819033	0.24709790	2.5151082	20	12 14.9	19.1
353912 2012 XL_{118}	17.2	X	58.86263	35.19321	44.13214	6.11280	0.1345397	0.28095071	2.3087804	20	1 3.3	19.2
353913 2012 XY_{120}	15.9	X	166.36277	279.18932	122.98071	10.22837	0.1650105	0.18547179	3.0452116	20	4 20.4	21.0
353914 2012 XG_{122}	16.4	X	232.11800	272.98643	112.58946	11.94601	0.0911362	0.20213206	2.8754947	20	6 2.5	20.7
353915 2012 XN_{125}	16.3	X	355.51853	205.74284	160.61194	7.43329	0.1826423	0.24345917	2.5401067	20	11 24.2	19.0
353916 2012 XL_{133}	16.8	X	306.46784	358.49922	40.63048	3.71201	0.1738810	0.23450487	2.6043627	20	9 26.8	19.4
353917 2012 XP_{135}	15.4	X	285.41555	47.72858	244.43818	14.88710	0.0183310	0.18631197	3.0360497	20	4 13.8	19.8
353918 2012 XL_{139}	16.7	X	357.17650	124.79796	240.65699	3.75220	0.1000641	0.24038104	2.5617451	20	11 11.9	19.6
353919 2012 XQ_{144}	15.9	X	161.03172	119.73644	287.55373	14.79962	0.2218562	0.17672847	3.1448386	20	4 13.5	21.5
353920 2012 XL_{146}	17.5	X	274.16543	231.85769	210.85320	1.22322	0.1755954	0.23589315	2.5941346	20	9 29.5	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
353921 2012 XW_{147}	17.0	X	356.02465	336.28384	93.15107	7.29630	0.1125396	0.26165851	2.4209146	20	—	—
353922 2012 XN_{149}	15.6	X	241.78409	222.03082	83.60553	14.10854	0.0800785	0.17814099	3.1281926	20	3 13.4	20.5
353923 4531 $P–L$	17.9	X	53.86667	345.24978	31.42567	2.76099	0.2058787	0.26703326	2.3883198	20	—	—
353924 6756 $P–L$	17.6	X	115.76330	181.08387	171.40488	2.39398	0.2507928	0.26928261	2.3750013	20	—	—
353925 1199 $T–2$	16.9	X	330.69709	33.26264	315.61857	1.61602	0.2691861	0.22999071	2.6383305	20	8 24.4	18.6
353926 1101 $T–3$	17.3	X	84.16309	115.29268	312.83171	6.54321	0.2074489	0.28503276	2.2866842	20	2 12.3	19.3
353927 1992 ED_{2}	16.9	X	247.81210	5.67423	158.69173	13.91817	0.2101341	0.23355609	2.6114112	20	12 6.1	20.6
353928 1995 DW_{5}	15.5	X	112.51609	100.02402	349.29696	14.23346	0.1033181	0.16121177	3.3435274	20	4 10.2	20.6
353929 1995 FZ_{10}	16.6	X	249.63604	114.06450	11.27113	13.07228	0.2610571	0.21879419	2.7275886	20	10 6.2	20.5
353930 1995 OX_{17}	14.0	X	294.79186	159.09776	259.75768	7.81273	0.0391815	0.08256944	5.2230375	20	9 18.4	20.9
353931 1995 QL_{4}	17.4	X	338.84272	60.82711	325.30803	4.29743	0.3119057	0.23804348	2.5784885	20	11 30.9	19.0
353932 1995 WZ_{13}	16.3	X	305.21465	254.23308	89.21536	9.04060	0.0778177	0.18707309	3.0278091	20	7 11.9	20.2
353933 1995 WM_{19}	16.0	X	208.45949	354.40454	68.23184	17.73208	0.1016141	0.18403425	3.0610489	20	6 19.2	20.8
353934 1995 WB_{36}	16.8	X	216.14270	327.47668	55.46483	1.57792	0.1808658	0.18225944	3.0808888	20	5 5.9	21.8
353935 1996 RB_{3}	17.2	X	128.69469	339.93975	353.82764	31.20555	0.0582158	0.38678742	1.8656113	20	—	—
353936 1997 EJ_{29}	15.3	X	4.33453	277.61731	358.88386	12.89410	0.1240408	0.18047583	3.1011541	20	7 18.7	19.2
353937 1997 SO_{14}	17.9	X	192.44410	345.86053	351.45185	6.21813	0.2038597	0.28106178	2.3081721	20	2 16.4	21.6
353938 1998 QR_{15}	18.1	X	252.83353	56.95286	320.15486	9.45661	0.5591041	0.21430955	2.7655087	20	4 27.9	23.8
353939 1998 QH_{61}	15.6	X	98.58588	193.51576	154.99155	14.87291	0.1276019	0.24061614	2.5600761	20	—	—
353940 1998 QG_{85}	17.3	X	225.61529	77.68188	257.64526	7.08803	0.2371204	0.29990776	2.2104341	20	3 5.2	21.1
353941 1998 SD_{40}	17.8	X	167.38979	281.57616	350.51111	3.00340	0.1276453	0.23923793	2.5698988	20	—	—
353942 1998 SR_{176}	17.1	X	199.48628	205.30532	143.08847	8.64777	0.2342500	0.29711067	2.2242856	20	3 6.0	20.8
353943 1998 TU_{29}	16.9	X	304.88938	242.54679	146.32523	14.91061	0.3483077	0.22045554	2.7138679	20	8 3.6	19.5
353944 1998 XO_{6}	18.0	X	86.19585	343.06681	117.34090	2.18626	0.1700842	0.28950312	2.2630834	20	3 28.9	20.4
353945 1998 YH_{14}	16.6	X	6.81950	145.81852	228.62466	6.30447	0.0483274	0.22459134	2.6804480	20	11 28.6	19.9
353946 1999 AQ_{28}	16.5	X	302.13000	127.97003	279.14742	4.05928	0.0633649	0.21468201	2.7623092	20	10 3.5	20.0
353947 1999 CT_{8}	18.8	X	162.94926	40.05531	337.12885	44.49744	0.3939567	0.70559694	1.2495825	20	2 24.2	18.6
353948 1999 FH_{5}	18.4	X	331.99413	233.33735	352.16295	0.67081	0.1548578	0.28029372	2.3123868	20	2 23.5	20.6
353949 1999 FL_{93}	17.6	X	135.91142	180.09293	157.89115	8.19788	0.1211950	0.26781262	2.3836841	20	—	—
353950 1999 RP_{30}	15.9	X	208.11921	318.38576	342.30447	22.78713	0.2133641	0.26017081	2.4301347	20	1 24.4	20.3
353951 1999 RE_{39}	16.5	X	11.78396	121.47628	262.22914	15.42187	0.2012220	0.24222219	2.5487472	20	—	—
353952 1999 RL_{84}	15.5	X	300.36928	2.49949	346.36095	14.78072	0.1676129	0.18142685	3.0903074	20	6 30.6	19.7
353953 1999 SC_{21}	15.9	X	291.98226	339.12843	350.35186	9.71714	0.1420444	0.17919203	3.1159483	20	5 22.7	20.3
353954 1999 TH_{73}	16.1	X	292.03265	333.40517	352.81771	10.03401	0.0961924	0.17835630	3.1256744	20	5 25.6	20.5
353955 1999 TG_{87}	17.0	X	320.76573	1.16002	57.22738	8.50690	0.1799876	0.23550565	2.5969794	20	11 23.9	19.3
353956 1999 TQ_{232}	17.6	X	42.48287	185.41931	178.32550	20.47023	0.0837991	0.38579564	1.8688072	20	—	—
353957 1999 TE_{264}	15.8	X	343.03431	236.72298	32.21910	9.49067	0.0628357	0.17361754	3.1822942	20	5 29.2	20.1
353958 1999 TF_{304}	16.3	X	295.96559	333.23443	4.21644	10.53550	0.0678441	0.17682706	3.1436696	20	6 21.3	20.7
353959 1999 UC_{23}	17.7	X	285.61832	252.62522	213.61507	9.55131	0.3932388	0.23441567	2.6050234	20	10 13.3	20.1
353960 1999 UG_{40}	18.0	X	352.61990	91.78389	312.65378	2.31731	0.2672940	0.23965400	2.5669235	20	—	—
353961 1999 VD_{71}	16.5	X	341.26401	353.07804	54.84898	12.83889	0.1722039	0.23698366	2.5861703	20	12 20.1	19.2
353962 1999 VB_{89}	17.0	X	359.65943	343.26473	46.91189	10.75039	0.2054688	0.23821897	2.5772219	20	—	—
353963 1999 VG_{95}	16.8	X	321.62146	20.64720	39.09305	6.07611	0.2665260	0.23685084	2.5871370	20	11 30.1	18.4
353964 1999 VY_{152}	17.5	X	78.14732	266.74725	93.74364	3.47977	0.1149993	0.24416648	2.5351988	20	—	—
353965 1999 WU_{5}	15.4	X	22.31608	211.04431	30.98879	16.74608	0.1700030	0.17779888	3.1322039	20	7 4.3	19.3
353966 1999 XO_{41}	17.2	X	328.77892	255.68486	165.14308	2.47294	0.2976714	0.23638564	2.5905302	20	12 27.0	18.7
353967 1999 XM_{136}	15.7	X	317.63122	87.59668	317.16631	26.46926	0.4202587	0.23133564	2.6280947	20	9 9.3	17.4
353968 1999 XP_{227}	17.2	X	58.75000	75.58283	281.34423	19.53814	0.0847726	0.38051449	1.8860589	20	—	—
353969 1999 XG_{244}	16.8	X	356.34798	1.12739	53.93440	5.93300	0.1027832	0.23923300	2.5699341	20	—	—
353970 1999 YT_{17}	16.8	X	306.93263	70.12274	347.08831	28.65270	0.3585292	0.23249658	2.6193388	20	9 18.9	18.6
353971 2000 AE_{210}	12.5	X	64.52898	22.69272	266.58995	26.81764	0.0138769	0.08388049	5.1684710	20	9 15.6	19.8
353972 2000 AD_{218}	17.1	X	278.84095	192.10326	289.82693	3.92272	0.1701451	0.23224657	2.6212182	20	11 30.8	19.9
353973 2000 BS_{39}	17.1	X	198.59368	122.98918	128.35562	4.82808	0.1801345	0.23497608	2.6008798	20	—	—
353974 2000 CY_{2}	17.1	X	29.67761	94.76231	311.68050	19.72368	0.1019081	0.38155007	1.8826446	20	—	—
353975 2000 CY_{58}	17.3	X	128.18469	309.60790	145.02994	25.81730	0.2321315	0.30549572	2.1833966	20	5 25.8	21.3
353976 2000 CU_{107}	17.6	X	341.86652	75.60605	315.35412	0.87225	0.0918548	0.22746464	2.6578275	20	11 17.8	20.5
353977 2000 CC_{142}	16.8	X	320.47884	299.44819	130.04395	7.92091	0.1675776	0.23146191	2.6271389	20	12 9.4	19.4
353978 2000 DJ_{32}	16.4	X	170.52224	63.46513	152.14556	17.42886	0.1476782	0.22424089	2.6832399	20	11 24.1	21.0
353979 2000 DH_{97}	16.6	X	215.54403	238.26163	327.17866	11.69688	0.1299738	0.22957733	2.6414965	20	12 27.5	20.4
353980 2000 EB_{1}	16.1	X	203.07536	267.44570	322.28872	12.79484	0.1142185	0.23188646	2.6239313	20	—	—
353981 2000 ER_{9}	17.0	X	180.88388	45.25993	176.94972	5.32591	0.2515673	0.22458521	2.6804967	20	12 1.7	21.6
353982 2000 EZ_{13}	16.7	X	110.29060	321.13349	342.25706	52.62413	0.1353450	0.37402330	1.9078180	20	—	—
353983 2000 GM_{43}	18.1	X	333.09879	207.50651	28.57248	1.88982	0.1563994	0.29355343	2.2422186	20	3 10.5	20.3
353984 2000 GN_{84}	16.4	X	221.77609	50.24617	158.61421	18.26587	0.2215376	0.22715226	2.6602636	20	12 25.8	20.7
353985 2000 JW_{60}	17.9	X	351.32232	344.00113	271.86406	1.90398	0.3029001	0.29546796	2.2325222	20	5 3.6	18.2
353986 2000 LV_{1}	16.4	X	308.17603	175.69563	91.58583	26.34566	0.2150386	0.28987325	2.2611565	20	3 21.5	19.8
353987 2000 OQ_{19}	17.2	X	211.07843	168.09566	139.64116	7.98688	0.3023869	0.27793580	2.3254467	20	1 25.9	21.4
353988 2000 QD_{115}	17.3	X	163.09851	25.35543	305.23026	4.66150	0.2585737	0.27177577	2.3604541	20	1 17.9	21.1
353989 2000 QJ_{238}	18.4	X	32.12675	62.11949	52.26852	2.08917	0.1427761	0.27390429	2.3482094	20	1 4.7	20.3
353990 2000 QB_{245}	18.3	X	63.13820	37.44855	340.27980	0.88362	0.1990125	0.26286107	2.4135254	20	—	—
353991 2000 RL_{19}	15.7	X	281.52598	357.31988	331.93091	22.66427	0.1566802	0.18684596	3.0302624	20	4 27.6	20.5
353992 2000 RJ_{59}	17.8	X	89.76513	49.14255	314.57401	2.16628	0.2188994	0.26210799	2.4181461	20	—	—
353993 2000 SU_{18}	16.2	X	190.46062	178.76952	220.32031	4.81130	0.2687737	0.17990104	3.1077562	20	5 2.6	21.6
353994 2000 SL_{56}	16.8	X	78.58284	35.62978	356.65302	5.89455	0.1608775	0.26444575	2.4038738	20	—	—
353995 2000 SG_{70}	16.3	X	243.56035	241.39327	101.45461	0.88449	0.3332482	0.18299446	3.0726334	20	4 1.9	21.6
353996 2000 SB_{106}	17.6	X	109.37852	95.69195	253.65987	1.36441	0.2311390	0.26382460	2.4076454	20	—	—
353997 2000 SA_{184}	17.0	X	215.62449	59.55960	256.07139	5.51233	0.1483801	0.27608650	2.3358194	20	2 6.6	20.7
353998 2000 SJ_{210}	16.8	X	102.75011	216.15000	148.03890	8.69370	0.2081177	0.26398397	2.4066763	20	—	—
353999 2000 SZ_{256}	17.4	X	35.23841	252.72841	171.59041	6.77309	0.2110322	0.26112112	2.4242350	20	—	—
354000 2000 SS_{329}	17.8	X	116.47128	24.60794	356.17809	3.67349	0.1077304	0.26914923	2.3757859	20	1 14.1	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354001 2000 SX_{371}	17.2	X	292.65177	294.62433	118.93887	5.38715	0.2870360	0.24394047	2.5367645	20	9 4.1	19.6
354002 2000 TR_{4}	17.8	X	42.16186	236.33112	189.90168	3.62728	0.2003445	0.26244761	2.4160596	20	—	—
354003 2000 TR_{44}	17.2	X	63.77060	284.24774	118.94171	5.24003	0.2337741	0.26296299	2.4129017	20	—	—
354004 2000 WE_{65}	17.7	X	15.20058	24.94858	66.13219	3.39376	0.1712574	0.25745353	2.4472039	20	—	—
354005 2000 WW_{90}	16.9	X	40.06733	336.43396	60.45847	3.16398	0.2111808	0.25537535	2.4604624	20	—	—
354006 2001 DX_{11}	15.9	X	337.91926	71.98761	342.53081	11.76518	0.3162796	0.24330289	2.5411943	20	—	—
354007 2001 DC_{41}	16.3	X	251.17374	208.11445	349.50672	12.55992	0.1483603	0.24424883	2.5346290	20	—	—
354008 2001 DQ_{55}	13.7	X	312.63333	83.82298	335.76143	9.86784	0.1128793	0.08423683	5.1538848	20	10 4.2	20.2
354009 2001 DF_{80}	18.3	X	117.03815	31.74607	157.11206	31.76856	0.1878895	0.32682423	2.0873401	20	9 11.9	21.4
354010 2001 FN_{29}	16.8	X	237.18819	67.28587	149.98243	12.08691	0.2238215	0.24214309	2.5493022	20	—	—
354011 2001 FK_{68}	17.2	X	272.10361	108.42054	48.21871	6.20745	0.2484760	0.24169957	2.5524199	20	12 30.0	19.5
354012 2001 FG_{75}	16.1	X	200.92094	215.71413	14.35505	28.57243	0.1344708	0.23886501	2.5725729	20	—	—
354013 2001 FG_{128}	16.5	X	209.50019	105.21461	133.32783	10.06624	0.1665506	0.23829401	2.5766809	20	—	—
354014 2001 HB_{20}	16.4	X	210.56683	133.40290	124.62681	16.94385	0.2062950	0.24016033	2.5633144	20	—	—
354015 2001 LQ_{6}	17.1	X	150.18320	328.19717	292.55765	5.81460	0.3363081	0.22863415	2.6487562	20	12 21.5	22.1
354016 2001 OX_{10}	17.5	X	180.84508	345.09024	356.55652	6.09545	0.2492138	0.29047875	2.2580132	20	2 13.4	21.2
354017 2001 OH_{11}	15.9	X	139.24575	158.22874	110.87493	14.18671	0.2374049	0.22549618	2.6732726	20	12 25.1	20.7
354018 2001 OX_{60}	17.7	X	195.05718	9.34574	329.33865	4.25687	0.2573402	0.29222267	2.2490207	20	2 19.1	21.6
354019 2001 PY_{44}	16.0	X	194.32811	160.05928	225.01848	12.00301	0.4006931	0.18949401	3.0019657	20	4 16.7	21.9
354020 2001 QV_{52}	17.1	X	219.63436	25.84856	340.59468	8.00933	0.2205457	0.29836552	2.2180447	20	4 9.7	20.9
354021 2001 QZ_{106}	17.3	X	232.05518	172.20374	268.94743	17.89556	0.0874138	0.36321918	1.9454655	20	8 18.0	19.9
354022 2001 QP_{136}	17.4	X	210.26589	62.06343	278.17957	5.74157	0.1690175	0.29134167	2.2535523	20	3 1.1	21.1
354023 2001 QP_{176}	16.8	X	95.78280	328.71808	326.67817	4.83025	0.0949239	0.22004587	2.7172352	20	12 12.4	20.9
354024 2001 QU_{176}	17.3	X	278.28870	206.43995	174.92577	2.08920	0.0795824	0.20196634	2.8770675	20	7 24.1	21.1
354025 2001 QN_{234}	17.6	X	100.02082	328.78899	344.81704	19.83068	0.0576395	0.37823642	1.8936243	20	—	—
354026 2001 QL_{242}	17.1	X	160.07939	197.64382	168.01802	6.91730	0.2466049	0.28746077	2.2737899	20	2 23.8	20.7
354027 2001 QJ_{249}	17.7	X	125.13648	318.43479	358.81101	22.53600	0.0886523	0.38081425	1.8850690	20	—	—
354028 2001 QO_{266}	16.6	X	1.97216	26.90799	294.53119	13.46299	0.2631970	0.21007498	2.8025486	20	9 22.5	19.5
354029 2001 RK_{16}	17.5	X	204.26718	181.44578	142.98627	6.94508	0.2030205	0.28994209	2.2607986	20	2 8.2	21.2
354030 2001 RB_{18}	18.5	X	65.47120	175.31265	198.25547	4.17626	0.5388075	0.27371622	2.3492849	20	—	—
354031 2001 RJ_{47}	17.8	X	315.33375	262.88326	168.75863	22.71510	0.0952405	0.37262764	1.9125788	20	—	—
354032 2001 RA_{55}	17.8	X	183.62652	9.05993	346.82979	6.87774	0.1712995	0.29100194	2.2553059	20	2 29.0	21.3
354033 2001 RL_{57}	16.5	X	2.23417	188.13511	159.59179	10.58405	0.1949700	0.21065979	2.7973595	20	11 3.6	19.6
354034 2001 RC_{110}	17.8	X	117.11276	249.92377	156.92312	7.48215	0.2208313	0.28630970	2.2798801	20	3 3.7	20.6
354035 2001 RD_{125}	18.0	X	152.97513	17.59204	6.48142	7.50382	0.1532378	0.28912497	2.2650562	20	3 6.2	21.2
354036 2001 RW_{132}	17.5	X	266.95153	310.43706	24.59449	7.45917	0.1989132	0.30075477	2.2062820	20	4 18.8	20.6
354037 2001 RQ_{137}	16.8	X	68.21399	115.10251	162.60909	9.41878	0.1922827	0.21354044	2.7721451	20	11 4.1	21.0
354038 2001 RK_{142}	18.1	X	12.76376	43.30839	5.34756	21.60565	0.0734725	0.37724335	1.8969461	20	—	—
354039 2001 RN_{145}	15.2	X	155.18717	102.78227	210.62444	5.59753	0.2784690	0.12532118	3.9547563	20	1 7.9	21.8
354040 2001 SC_{3}	17.7	X	137.26506	18.79011	7.85854	8.22409	0.2143480	0.28562553	2.2835194	20	2 29.6	21.0
354041 2001 SW_{5}	17.6	X	93.61178	40.32936	350.59550	24.15490	0.2401344	0.27993314	2.3143720	20	1 23.2	20.6
354042 2001 SB_{28}	17.7	X	283.06737	310.79591	15.29279	6.34258	0.2267391	0.30168113	2.2017632	20	4 20.9	20.6
354043 2001 SA_{29}	18.0	X	153.87292	4.56898	15.77136	5.06913	0.1825822	0.28775538	2.2722376	20	3 4.9	21.3
354044 2001 SS_{92}	17.9	X	161.26448	101.31275	260.08600	2.12675	0.1996747	0.28765508	2.2727658	20	2 15.9	21.3
354045 2001 SH_{145}	18.0	X	155.25477	162.32254	196.29461	6.17298	0.2031136	0.28626057	2.2801409	20	2 6.2	21.5
354046 2001 SY_{151}	17.6	X	126.61530	170.48730	214.21858	3.32917	0.2343786	0.28372246	2.2937192	20	2 14.6	20.7
354047 2001 SP_{156}	16.0	X	46.11287	352.21244	316.17337	7.30802	0.2115481	0.21261076	2.7802204	20	11 14.7	20.0
354048 2001 SH_{162}	17.3	X	47.74991	27.31292	5.90779	21.50789	0.0206287	0.37909983	1.8907480	20	—	—
354049 2001 SC_{190}	17.8	X	332.50777	136.50619	160.35679	4.39240	0.1093294	0.30572234	2.1823175	20	6 22.5	19.6
354050 2001 SM_{255}	18.1	X	93.90800	225.64580	173.25086	4.31793	0.1765038	0.27977106	2.3152658	20	1 13.0	20.4
354051 2001 SP_{296}	16.7	X	133.69564	293.73314	341.65253	12.12447	0.1379551	0.22134516	2.7065914	20	12 28.4	21.2
354052 2001 SC_{314}	17.5	X	146.09675	221.72222	167.35804	9.80823	0.2217477	0.28627833	2.2800466	20	3 10.7	21.0
354053 2001 SL_{325}	17.4	X	148.34790	219.64883	166.81517	9.87379	0.2050260	0.28658349	2.2784278	20	3 7.9	20.8
354054 2001 SF_{329}	16.1	X	171.80665	235.53457	345.64786	25.03820	0.0973578	0.21906848	2.7253113	20	11 21.6	20.8
354055 2001 TA_{33}	17.9	X	54.92740	102.59864	323.44271	4.49518	0.2587683	0.27494074	2.3423043	20	—	—
354056 2001 TJ_{39}	17.5	X	313.97685	191.21204	236.93940	19.22279	0.0793703	0.36652312	1.9337566	20	—	—
354057 2001 TM_{53}	17.9	X	120.48794	359.89594	45.95410	3.92764	0.2204347	0.28478189	2.2880269	20	3 7.9	21.0
354058 2001 TT_{56}	17.6	X	279.93959	119.88813	23.42294	24.35472	0.0577318	0.37595076	1.9012916	20	—	—
354059 2001 TR_{97}	15.7	X	283.02219	6.24628	1.51060	9.52554	0.1180581	0.19704762	2.9247489	20	7 8.4	19.8
354060 2001 TJ_{103}	17.6	X	38.36811	93.83517	17.20339	23.08268	0.2708041	0.27886143	2.3202979	20	1 21.4	19.6
354061 2001 TL_{108}	16.4	X	277.46368	80.59583	292.10366	4.74058	0.1420152	0.19827829	2.9126341	20	7 2.1	20.2
354062 2001 TU_{115}	17.3	X	135.21590	12.39679	5.92848	3.67535	0.3166947	0.28307489	2.2972159	20	2 26.2	20.9
354063 2001 TD_{119}	16.7	X	207.59396	331.88570	357.27586	23.43717	0.1546854	0.28889234	2.2662720	20	2 24.8	20.4
354064 2001 TF_{120}	17.5	X	153.23449	65.67055	289.46690	8.66599	0.2561079	0.28446448	2.2897287	20	2 4.8	21.1
354065 2001 TV_{132}	16.1	X	275.48559	108.84880	285.55681	10.24901	0.1726511	0.20029935	2.8930083	20	7 22.4	19.9
354066 2001 TS_{152}	16.2	X	198.76086	339.21392	79.52124	7.83677	0.3309117	0.18970975	2.9996893	20	5 30.3	21.8
354067 2001 TQ_{177}	17.8	X	79.49156	85.82316	357.17507	2.92817	0.2227629	0.28237530	2.3010086	20	3 1.7	20.0
354068 2001 TF_{185}	17.3	X	145.02765	137.37862	240.22488	4.06963	0.0886552	0.28511794	2.2862288	20	2 7.5	20.3
354069 2001 TS_{252}	18.3	X	91.46808	290.90436	124.47694	3.17224	0.1868245	0.28187376	2.3037373	20	2 4.0	20.5
354070 2001 UQ_{53}	17.4	X	107.37635	25.04995	45.81803	7.78214	0.0909845	0.28508212	2.2864203	20	3 8.4	20.2
354071 2001 UD_{83}	17.6	X	122.80878	329.94731	64.09039	5.00434	0.1748914	0.28248290	2.3004243	20	2 18.5	20.6
354072 2001 UX_{97}	17.6	X	46.49241	219.92527	206.28566	7.61167	0.2044446	0.27507863	2.3415215	20	—	—
354073 2001 UN_{113}	18.2	X	78.69778	218.90519	182.54955	2.05815	0.2230774	0.27743434	2.3282480	20	—	—
354074 2001 UY_{167}	17.5	X	110.59779	77.54951	315.37171	7.01380	0.2529249	0.28009682	2.3134703	20	2 10.9	20.4
354075 2001 UB_{170}	18.1	X	115.03845	103.18282	270.87759	1.68803	0.2005098	0.27993884	2.3143406	20	1 14.6	20.7
354076 2001 UK_{179}	17.1	X	141.00264	98.51364	280.42707	6.42876	0.2154005	0.28505511	2.2865647	20	2 18.6	20.6
354077 2001 UY_{216}	18.3	X	83.00299	58.70418	27.20191	4.62499	0.1872446	0.28200940	2.3029985	20	3 7.3	20.6
354078 2001 UQ_{226}	17.9	X	263.87626	156.35748	162.99305	5.83419	0.1940773	0.29715656	2.2240566	20	3 27.5	21.0
354079 2001 VH_{41}	17.7	X	130.40438	310.86083	68.90300	3.33680	0.2323900	0.28073204	2.3099791	20	2 15.2	20.9
354080 2001 VX_{60}	17.3	X	88.49585	169.86139	261.07910	6.02030	0.1506941	0.28102973	2.3083476	20	2 12.5	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354081 2001 VX_{76}	16.3	X	147.00704	264.11213	89.76615	23.46964	0.2689539	0.28152469	2.3056412	20	2 4.0	20.2
354082 2001 VH_{104}	15.8	X	34.81525	302.14686	40.09358	8.27954	0.3228584	0.21156889	2.7893404	20	12 30.5	19.9
354083 2001 WB_{16}	16.8	X	174.07702	205.72388	230.87834	10.65506	0.2669407	0.18540246	3.0459707	20	6 4.1	22.2
354084 2001 WZ_{20}	17.7	X	83.62792	223.29409	228.26532	2.39387	0.1341349	0.28357801	2.2944980	20	3 3.9	20.0
354085 2001 WO_{25}	18.2	X	73.51755	2.69570	82.67992	3.02829	0.1688355	0.28095365	2.3087643	20	2 15.2	20.2
354086 2001 WZ_{45}	18.0	X	58.60311	227.69001	236.35427	1.88282	0.1851508	0.27958180	2.3163105	20	2 14.4	19.7
354087 2001 WR_{57}	18.5	X	89.27900	6.26201	25.79120	2.67834	0.2151070	0.27783010	2.3260365	20	1 3.1	20.5
354088 2001 WY_{70}	17.9	X	129.06111	321.22807	82.52840	3.43974	0.1053971	0.28405803	2.2919123	20	2 28.7	20.8
354089 2001 XK_{15}	16.1	X	238.65976	147.25046	233.78214	5.62292	0.2252254	0.19095370	2.9866477	20	5 20.2	21.1
354090 2001 XE_{17}	17.0	X	118.91836	53.30693	334.80406	5.38488	0.2569477	0.27961935	2.3161032	20	2 15.8	20.0
354091 2001 XH_{19}	15.7	X	204.62536	335.10316	75.46220	14.63899	0.2273955	0.18631432	3.0360242	20	5 28.1	20.9
354092 2001 XY_{55}	17.7	X	57.60576	356.65105	86.59366	10.21511	0.1881880	0.27606056	2.3359658	20	1 12.9	19.4
354093 2001 XO_{132}	17.8	X	68.95978	221.84284	212.87922	1.79932	0.1930801	0.27719900	2.3295656	20	1 23.5	19.5
354094 2001 XY_{188}	16.3	X	189.51801	305.46715	114.08870	9.93934	0.2292917	0.18366931	3.0651023	20	5 28.2	21.7
354095 2001 XX_{219}	17.8	X	40.47431	84.78510	28.31651	4.01139	0.1701737	0.27783483	2.3260100	20	1 20.5	19.6
354096 2001 XK_{230}	17.5	X	84.21931	10.07649	76.89240	3.60901	0.1675471	0.28062888	2.3105452	20	3 7.8	19.9
354097 2001 XY_{231}	17.5	X	98.12179	154.55792	268.53757	5.82168	0.1137414	0.27991480	2.3144731	20	2 10.8	20.3
354098 2001 XF_{248}	16.2	X	93.30322	259.04445	287.17440	9.69105	0.0156213	0.18529752	3.0471206	20	7 10.9	20.3
354099 2001 XJ_{248}	15.9	X	49.52383	330.14269	289.54330	9.42617	0.1358310	0.18919153	3.0051646	20	8 31.8	20.0
354100 2001 XH_{264}	16.7	X	223.39643	295.50594	96.55769	7.05488	0.2608505	0.18980342	2.9987023	20	5 19.7	22.0
354101 2001 YF_{1}	19.2	X	347.74975	289.88616	279.47264	20.01748	0.3392979	0.54402323	1.4861333	20	—	—
354102 2001 YN_{16}	17.1	X	45.42215	26.93652	85.69994	4.72403	0.2008353	0.27628650	2.3346921	20	2 2.6	18.6
354103 2001 YK_{26}	16.1	X	233.15456	315.15175	60.71479	12.37603	0.2115632	0.18886874	3.0085876	20	5 11.2	20.9
354104 2001 YE_{34}	18.2	X	39.38820	142.92256	335.77744	1.28585	0.1336383	0.27740621	2.3284054	20	1 25.3	20.0
354105 2001 YS_{79}	17.2	X	63.18328	161.91552	300.12463	6.12101	0.1538184	0.27668159	2.3324690	20	2 16.3	19.3
354106 2001 YD_{88}	17.2	X	12.89805	45.93465	100.30741	4.97982	0.1937862	0.27351770	2.3504216	20	1 8.7	19.0
354107 2001 YT_{98}	15.9	X	188.81258	325.87671	93.40660	12.97584	0.1104602	0.18556487	3.0441931	20	5 28.8	20.8
354108 2001 YT_{101}	17.4	X	41.57403	205.82407	266.38332	4.98559	0.1840050	0.27541142	2.3396349	20	1 20.2	19.2
354109 2001 YQ_{112}	16.0	X	224.21558	264.78789	114.72139	16.46616	0.2942429	0.18458469	3.0549605	20	5 8.7	21.7
354110 2002 AB_{3}	16.7	X	16.94315	70.03051	64.47600	23.01688	0.2757164	0.27291416	2.3538855	20	—	—
354111 2002 AU_{13}	15.7	X	180.18381	152.05031	299.73479	13.38985	0.0907408	0.18455505	3.0552876	20	6 28.8	20.5
354112 2002 AS_{17}	16.4	X	97.10881	88.69855	296.64480	20.69689	0.3021689	0.27380700	2.3487656	20	1 21.7	19.0
354113 2002 AZ_{28}	17.4	X	126.19221	179.77254	114.25951	23.73136	0.0441413	0.36773128	1.9295187	20	—	—
354114 2002 AJ_{52}	17.0	X	80.45139	316.61398	127.33469	4.62194	0.1700304	0.27622236	2.3350535	20	2 26.2	19.3
354115 2002 AS_{93}	15.9	X	177.64503	17.40953	102.05638	6.75499	0.0823120	0.18787048	3.0192357	20	7 30.8	20.4
354116 2002 AA_{101}	16.6	X	161.40873	147.32621	291.45788	7.29577	0.1726974	0.18128879	3.0918761	20	5 24.8	21.7
354117 2002 AL_{113}	15.6	X	147.24746	2.57434	106.44551	11.34542	0.0642634	0.18097201	3.0954831	20	6 13.8	20.2
354118 2002 AV_{114}	16.0	X	116.56326	36.97063	122.17711	25.28126	0.2325049	0.18091755	3.0961043	20	7 26.7	21.1
354119 2002 AC_{147}	15.5	X	251.24999	113.19191	294.81922	9.20208	0.0725306	0.18960441	3.0008003	20	7 23.8	19.7
354120 2002 AM_{149}	16.1	X	218.25205	130.57283	316.65688	7.67703	0.0601395	0.18946779	3.0022426	20	8 5.4	20.5
354121 2002 AA_{163}	15.2	X	74.94849	60.67027	147.67621	15.65692	0.2472239	0.18043432	3.1016298	20	8 17.4	19.8
354122 2002 AD_{165}	17.5	X	47.35283	186.78789	277.86226	4.85821	0.1852527	0.27301440	2.3533093	20	1 22.7	19.1
354123 2002 AR_{172}	17.9	X	7.28651	66.90073	86.22226	3.03406	0.1793804	0.27268071	2.3552288	20	1 9.7	20.0
354124 2002 AO_{181}	17.3	X	89.46264	1.14864	52.49830	3.60835	0.1886860	0.27498355	2.3420612	20	2 1.1	19.7
354125 2002 AR_{198}	15.5	X	187.06323	32.58710	48.23497	12.10184	0.1219267	0.18328249	3.0694135	20	6 19.6	20.5
354126 2002 AV_{201}	17.3	X	44.80525	50.51172	52.05249	6.91778	0.1757942	0.27332791	2.3515094	20	1 15.2	19.2
354127 2002 BP_{26}	19.2	X	83.41967	202.78053	347.34903	30.25094	0.3944111	0.44593345	1.6967688	20	9 7.9	21.8
354128 2002 BF_{28}	17.2	X	84.58765	341.00183	91.46548	5.45135	0.1104095	0.27483005	2.3429332	20	2 7.6	19.7
354129 2002 CD_{19}	15.6	X	115.07356	349.30118	123.93207	16.47324	0.1200959	0.17494342	3.1661949	20	5 23.8	20.6
354130 2002 CF_{21}	16.0	X	195.58171	272.64227	134.45572	13.61176	0.3429350	0.18343544	3.0677071	20	5 18.2	21.9
354131 2002 CK_{32}	17.1	X	312.22600	154.67142	64.09697	5.56562	0.1707044	0.27135064	2.3629189	20	1 16.3	20.1
354132 2002 CX_{34}	15.3	X	93.98911	209.48009	339.66821	16.59308	0.1525529	0.18166055	3.0876564	20	8 6.9	20.0
354133 2002 CY_{48}	16.0	X	105.12034	257.08643	300.81247	8.45714	0.2847853	0.18415669	3.0596920	20	9 2.6	21.3
354134 2002 CU_{52}	17.6	X	327.78617	110.09358	307.30024	18.36679	0.0693918	0.36264470	1.9475196	20	—	—
354135 2002 CM_{63}	15.1	X	29.49671	111.60569	115.10763	17.05155	0.0295411	0.17788089	3.1312412	20	6 12.9	19.5
354136 2002 CA_{67}	16.0	X	85.92556	84.31212	125.66758	7.84420	0.1031803	0.18495369	3.0508959	20	8 14.4	20.3
354137 2002 CL_{70}	15.7	X	185.82714	296.65256	125.51779	11.01219	0.0978990	0.17958658	3.1113829	20	5 30.0	20.7
354138 2002 CZ_{71}	17.1	X	71.36654	95.54156	329.08092	10.83784	0.2627955	0.27307582	2.3529564	20	1 28.5	18.9
354139 2002 CR_{73}	17.2	X	43.04795	333.52755	128.96858	8.87123	0.1641371	0.27162194	2.3613452	20	1 9.5	19.2
354140 2002 CF_{82}	17.4	X	356.36040	168.75329	335.40943	4.65017	0.1165335	0.26814507	2.3817134	20	—	—
354141 2002 CV_{85}	15.7	X	60.77915	255.28969	315.90897	14.51524	0.1761126	0.17940458	3.1134868	20	7 26.2	19.9
354142 2002 CP_{89}	17.9	X	26.42450	127.04910	357.31740	2.87850	0.1177259	0.27059483	2.3673169	20	1 10.9	20.2
354143 2002 CK_{93}	17.6	X	350.53334	18.51982	135.72906	2.85022	0.1441619	0.26858085	2.3791364	20	—	—
354144 2002 CB_{94}	12.9	X	119.37251	255.28297	340.46592	22.96492	0.0399013	0.08278541	5.2139497	20	9 24.6	20.1
354145 2002 CF_{109}	15.9	X	147.65710	119.39847	334.86963	15.91184	0.1830292	0.17689276	3.1428912	20	5 30.1	21.4
354146 2002 CY_{111}	16.8	X	71.42023	82.50940	346.44621	9.90959	0.2801408	0.27112357	2.3642380	20	2 8.9	18.7
354147 2002 CG_{117}	16.2	X	103.41142	346.55158	137.32405	5.98191	0.0867074	0.17482257	3.1676538	20	5 16.5	20.8
354148 2002 CU_{122}	16.0	X	136.20386	225.66974	268.44768	3.76380	0.1192159	0.18056993	3.1000767	20	7 5.9	20.8
354149 2002 CH_{125}	17.8	X	32.50751	290.98767	166.32032	5.44655	0.2916843	0.27021458	2.3695372	20	—	—
354150 2002 CZ_{127}	16.0	X	118.72120	157.41521	314.91360	16.82485	0.1758575	0.17626085	3.1503984	20	5 24.7	21.2
354151 2002 CH_{132}	15.9	X	87.80037	195.90450	330.20295	16.42640	0.1418824	0.17558712	3.1584520	20	6 28.0	20.7
354152 2002 CN_{138}	17.5	X	37.70424	296.48981	178.51158	5.32137	0.2068548	0.27264801	2.3554171	20	1 16.3	19.1
354153 2002 CQ_{143}	17.9	X	10.74357	275.17607	247.68251	1.56783	0.1496883	0.27442986	2.3452104	20	2 2.7	19.8
354154 2002 CM_{148}	15.4	X	4.93160	82.28213	147.36760	26.56609	0.1929610	0.17249264	3.1961145	20	5 21.2	19.5
354155 2002 CT_{148}	17.1	X	55.10240	106.70697	312.76302	9.58770	0.1301871	0.26706446	2.3881337	20	—	—
354156 2002 CV_{179}	16.0	X	169.84374	135.60658	313.16945	11.97759	0.0843632	0.18086177	3.0967409	20	6 13.1	20.9
354157 2002 CT_{188}	16.8	X	139.35922	74.25703	45.16763	1.83734	0.1245666	0.17933262	3.1143197	20	6 21.4	21.5
354158 2002 CF_{190}	17.1	X	329.57934	81.15700	119.10191	7.42773	0.0617476	0.27345834	2.3507616	20	1 31.3	19.9
354159 2002 CK_{192}	16.6	X	182.42320	306.06694	119.33538	2.50592	0.1706346	0.18054622	3.1003480	20	5 28.3	21.8
354160 2002 CM_{200}	15.6	X	186.45244	104.54206	333.55459	15.33178	0.0011597	0.17934558	3.1141696	20	6 19.9	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354161 2002 CA_{208}	16.3	X	126.03589	112.19755	115.37002	2.28136	0.2585702	0.18832516	3.0143741	20	10 25.5	21.6
354162 2002 CW_{209}	17.6	X	349.63801	134.24292	29.34864	1.58552	0.1077379	0.26925450	2.3751665	20	1 4.6	20.0
354163 2002 CX_{217}	17.4	X	339.88732	79.05424	340.24308	18.54269	0.0821146	0.36107479	1.9531605	20	—	—
354164 2002 CT_{218}	17.1	X	313.25861	176.35798	358.00256	5.42737	0.1604562	0.26394542	2.4069106	20	—	—
354165 2002 CU_{219}	15.2	X	72.68847	56.56533	156.16251	17.87644	0.1865272	0.17800043	3.1298392	20	8 11.1	19.7
354166 2002 CJ_{254}	17.5	X	9.30727	354.03207	147.58152	2.56844	0.1383415	0.27106353	2.3645872	20	1 1.7	19.9
354167 2002 CZ_{254}	17.2	X	339.93495	348.13316	208.39722	5.02236	0.1509707	0.27331681	2.3515731	20	1 25.9	19.8
354168 2002 CS_{265}	17.8	X	67.22403	110.12273	327.65707	1.49628	0.1501809	0.27320607	2.3522085	20	1 20.8	20.0
354169 2002 CH_{267}	18.2	X	65.31818	97.21254	327.14643	3.64371	0.1679888	0.26994941	2.3710887	20	—	—
354170 2002 CO_{269}	16.2	X	308.34262	304.42092	329.13358	10.62276	0.0350920	0.17335741	3.1854767	20	4 16.4	20.8
354171 2002 CF_{276}	15.0	X	96.08171	267.64414	296.30566	23.92873	0.2504026	0.18111805	3.0938190	20	8 22.9	20.3
354172 2002 CG_{282}	16.3	X	94.74407	210.10401	310.47063	3.83749	0.0953583	0.17765435	3.1339026	20	6 20.8	20.7
354173 2002 CG_{293}	18.1	X	357.94490	344.87780	169.68186	1.03250	0.1282787	0.26961314	2.3730598	20	1 2.1	20.3
354174 2002 CQ_{293}	17.9	X	37.11551	320.79731	152.88494	2.56330	0.1589929	0.27103613	2.3647465	20	1 14.1	19.7
354175 2002 CD_{296}	16.0	X	81.34027	223.78272	337.81684	9.39436	0.0448358	0.18028907	3.1032953	20	7 21.6	20.4
354176 2002 CK_{296}	17.2	X	59.08468	302.93251	125.57120	2.01079	0.1645047	0.26820848	2.3813380	20	—	—
354177 2002 CV_{299}	17.9	X	10.15588	45.61576	132.84499	0.79957	0.1448700	0.27365975	2.3496081	20	2 27.1	19.9
354178 2002 CS_{314}	13.8	X	247.36151	151.67390	306.16326	19.37676	0.1120752	0.08436953	5.1484793	20	8 28.1	21.0
354179 2002 CR_{315}	16.2	X	295.51790	176.08492	159.40962	15.97005	0.0958252	0.17951512	3.1122086	20	6 15.8	20.7
354180 2002 CC_{318}	13.8	X	280.10316	303.01665	135.43011	7.38375	0.0345819	0.08650121	5.0635439	20	9 30.6	20.5
354181 2002 DG	15.7	X	135.40135	121.34443	317.62015	10.99390	0.1335895	0.17359542	3.1825644	20	4 24.7	20.8
354182 2002 DU_{3}	20.7	X	255.82753	245.53906	0.68169	8.70062	0.2381925	0.80409260	1.1453336	20	—	—
354183 2002 DD_{6}	16.7	X	79.96587	159.61911	250.05533	7.01396	0.2896172	0.27400952	2.3476082	20	1 23.6	18.7
354184 2002 DT_{14}	16.0	X	164.20197	282.57358	155.09934	14.07043	0.2487874	0.17964023	3.1107635	20	5 31.3	21.7
354185 2002 EC_{1}	16.2	X	115.03312	97.36727	38.16788	25.82614	0.2812574	0.17667929	3.1454222	20	6 28.9	21.9
354186 2002 EV_{13}	16.9	X	348.41711	241.01535	274.74668	4.41255	0.1733240	0.26761754	2.3848423	20	—	—
354187 2002 EY_{29}	15.1	X	72.88309	254.15561	350.27077	21.08621	0.2272163	0.18098429	3.0953431	20	9 22.9	19.8
354188 2002 EY_{31}	16.1	X	103.69290	348.91730	154.92113	11.70655	0.1117060	0.17542047	3.1604521	20	6 13.5	20.9
354189 2002 EX_{36}	15.7	X	22.22732	59.04393	143.23043	5.82454	0.0844195	0.17017047	3.2251252	20	5 5.5	19.8
354190 2002 EZ_{43}	15.4	X	89.03407	334.39375	174.33804	17.93344	0.1232715	0.17273391	3.1931377	20	6 4.6	20.3
354191 2002 EU_{48}	17.3	X	306.46619	33.44466	177.95507	4.33859	0.1280033	0.26674066	2.3900660	20	1 5.1	20.4
354192 2002 EG_{52}	16.5	X	142.13778	72.69183	115.52955	3.00664	0.2791702	0.18666786	3.0321895	20	9 22.5	21.9
354193 2002 EY_{55}	15.5	X	66.47779	42.13601	162.07525	20.04694	0.2121809	0.17795359	3.1303884	20	7 26.9	20.1
354194 2002 EL_{67}	17.2	X	323.05784	211.60656	330.04927	4.65753	0.1806252	0.26536085	2.3983440	20	—	—
354195 2002 EL_{92}	17.1	X	5.42983	335.85202	180.59535	11.26218	0.1849777	0.26864721	2.3787447	20	1 9.5	19.6
354196 2002 EY_{92}	15.6	X	45.27284	261.86514	343.89670	13.75180	0.2006642	0.17977835	3.1091699	20	8 23.1	19.6
354197 2002 EN_{96}	18.1	X	327.87918	193.63466	336.12854	0.68189	0.1252117	0.26487843	2.4012552	20	—	—
354198 2002 EW_{96}	17.5	X	331.53456	202.28533	15.23161	1.64124	0.1162910	0.27108149	2.3644827	20	2 19.5	20.2
354199 2002 EJ_{102}	15.5	X	109.17113	228.41637	263.82318	8.80107	0.1745589	0.17444138	3.1722668	20	6 11.1	20.2
354200 2002 EU_{109}	18.2	X	17.94775	43.86318	86.03489	2.02431	0.1346060	0.26837250	2.3803677	20	1 1.9	20.5
354201 2002 EV_{111}	17.8	X	337.61800	98.37074	73.36900	0.99195	0.1449375	0.26808493	2.3820696	20	—	—
354202 2002 EF_{120}	13.6	X	316.22924	234.12235	169.11518	9.01169	0.0251869	0.08325480	5.1943339	20	10 2.2	20.3
354203 2002 EW_{120}	15.2	X	289.95724	4.58597	345.04532	26.68836	0.0921288	0.17919468	3.1159177	20	6 30.8	20.0
354204 2002 ER_{128}	17.4	X	51.65380	11.73677	75.65392	1.85549	0.1790111	0.26921380	2.3754059	20	1 6.9	19.1
354205 2002 ES_{129}	16.2	X	7.90416	111.81702	176.14781	13.33543	0.2890944	0.17488211	3.1669348	20	8 19.2	19.2
354206 2002 EC_{133}	17.2	X	335.40583	177.10581	343.52680	4.88224	0.0591022	0.26483967	2.4014895	20	—	—
354207 2002 EV_{134}	15.8	X	99.97560	355.11284	185.72310	11.17866	0.1303717	0.17816277	3.1279376	20	7 24.7	20.6
354208 2002 FT	15.4	X	33.91512	236.87130	7.80625	16.59099	0.2635392	0.17441004	3.1726468	20	8 18.4	19.4
354209 2002 FG_{6}	15.7	X	58.41648	118.41692	125.84905	21.09540	0.4510564	0.17658844	3.1465009	20	10 15.8	21.1
354210 2002 FY_{16}	15.5	X	47.74758	225.75457	358.24019	14.26018	0.0601140	0.17545994	3.1599780	20	7 8.6	20.0
354211 2002 FB_{41}	15.2	X	72.54092	142.44105	78.95684	18.25474	0.1822231	0.17660157	3.1463450	20	8 29.9	20.1
354212 2002 FG_{41}	16.5	X	38.83211	110.15295	127.33694	2.05819	0.1325152	0.17460308	3.1703080	20	7 20.0	20.3
354213 2002 FN_{41}	13.7	X	227.92697	307.16993	188.05562	7.25293	0.1060090	0.08173320	5.2586028	20	9 25.9	21.0
354214 2002 GK_{27}	16.6	X	67.77345	51.26666	168.83098	0.52617	0.1079946	0.18014863	3.1049080	20	8 4.1	20.8
354215 2002 GS_{44}	17.6	X	251.28762	9.72715	206.49876	2.32656	0.1514286	0.25717163	2.4489919	20	—	—
354216 2002 GW_{51}	17.6	X	292.57327	201.10665	18.44434	1.24212	0.1354205	0.26379760	2.4078097	20	—	—
354217 2002 GP_{58}	16.7	X	330.96153	307.29586	203.57279	6.55275	0.1497123	0.26122045	2.4236204	20	—	—
354218 2002 GN_{92}	16.7	X	234.55962	213.15084	22.19402	8.58702	0.0073025	0.25738093	2.4476641	20	—	—
354219 2002 GX_{103}	17.2	X	245.12235	249.46630	14.27834	6.28361	0.1458114	0.26222902	2.4174020	20	1 5.9	21.0
354220 2002 GF_{122}	17.1	X	281.57806	158.79879	74.78641	3.32687	0.1611845	0.26323179	2.4112588	20	1 2.3	20.4
354221 2002 GY_{160}	17.3	X	278.82368	158.61275	80.55293	4.09713	0.1581811	0.26443649	2.4039299	20	1 6.6	20.8
354222 2002 GL_{180}	16.9	X	310.90667	281.23466	251.46161	4.52241	0.1680241	0.26040390	2.4286843	20	—	—
354223 2002 GE_{182}	15.9	X	96.28020	75.60119	151.22554	16.74635	0.1834197	0.18032324	3.1029034	20	9 26.5	20.9
354224 2002 GV_{184}	17.6	X	331.13622	39.69067	128.28031	3.28740	0.1343143	0.26442689	2.4039881	20	—	—
354225 2002 HY	15.0	X	27.03324	249.68357	357.67399	25.16154	0.3551572	0.17440289	3.1727335	20	8 27.9	18.7
354226 2002 JK_{9}	17.9	X	334.57564	345.94871	154.22945	0.31279	0.1679022	0.25833911	2.4416080	20	—	—
354227 2002 JR_{119}	15.4	X	85.83162	91.11438	130.67228	13.44936	0.1999216	0.17834535	3.1258024	20	9 11.8	20.3
354228 2002 JV_{139}	15.9	X	75.55902	166.63700	25.73546	7.64685	0.1390033	0.17240170	3.1972384	20	7 15.2	20.5
354229 2002 KC_{16}	16.7	X	204.45390	72.67031	197.22732	7.98280	0.1808964	0.25271203	2.4777193	20	—	—
354230 2002 LR	15.8	X	74.11760	89.11923	131.70428	30.64189	0.3477382	0.17384803	3.1794808	20	9 17.1	21.2
354231 2002 MS_{5}	16.4	X	106.17915	290.03547	43.00326	6.40617	0.1999752	0.23995982	2.5647421	20	—	—
354232 2002 ND_{45}	16.7	X	70.28332	176.02739	146.13742	13.55434	0.1823455	0.23242178	2.6199007	20	12 29.7	20.9
354233 2002 NF_{48}	16.6	X	125.24168	161.73517	123.09067	16.39919	0.3092994	0.23838303	2.5760393	20	—	—
354234 2002 NB_{50}	16.6	X	81.90290	341.61671	328.67896	7.42465	0.2072463	0.23401424	2.6080016	20	12 28.9	20.8
354235 2002 NM_{74}	16.2	X	52.38747	212.62343	150.24140	22.04164	0.0853844	0.23521028	2.5991531	20	—	—
354236 2002 ND_{75}	17.1	X	78.26436	167.24112	166.94157	9.34957	0.1790041	0.23489964	2.6014440	20	—	—
354237 2002 OL_{11}	16.1	X	137.57355	19.54266	306.63528	11.01393	0.1660728	0.24372096	2.5382874	20	—	—
354238 2002 OR_{27}	17.1	X	147.40951	166.37805	123.23925	4.96804	0.1776041	0.24231118	2.5481232	20	—	—
354239 2002 OZ_{29}	17.1	X	120.09631	158.15438	137.39135	9.62132	0.1561888	0.23823153	2.5771313	20	—	—
354240 2002 PH_{1}	16.3	X	77.11353	13.06344	307.27159	14.50206	0.2634001	0.23085463	2.6317441	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354241 2002 PD_4	16.8	X	154.46307	154.12894	153.13197	15.57329	0.1440948	0.24474345	2.5312129	20	—	—
354242 2002 PV_6	16.5	X	142.61688	345.81397	290.11790	18.42819	0.1330365	0.23844292	2.5756080	20	—	—
354243 2002 PR_{13}	16.5	X	67.51967	41.44144	299.04292	8.31154	0.1541097	0.23570622	2.5955059	20	—	—
354244 2002 PT_{33}	16.8	X	42.06318	350.78566	331.92063	9.02423	0.1164830	0.22706479	2.6609468	20	11 16.4	20.6
354245 2002 PF_{77}	16.7	X	137.83511	278.40350	7.04072	5.60915	0.1974416	0.23965432	2.5669212	20	—	—
354246 2002 PL_{81}	16.9	X	134.21892	116.65138	187.44902	8.70550	0.1273135	0.24085983	2.5583491	20	—	—
354247 2002 PK_{100}	16.5	X	158.79804	180.36280	121.67790	10.07311	0.2275049	0.24348862	2.5399018	20	—	—
354248 2002 PR_{101}	16.7	X	115.60297	103.75648	204.00240	8.11162	0.1677285	0.23820144	2.5773484	20	—	—
354249 2002 PM_{103}	16.6	X	71.98924	22.61915	295.60738	10.68502	0.1857800	0.23214315	2.6219967	20	12 27.2	20.6
354250 2002 PU_{131}	16.5	X	17.12638	45.54494	309.02124	13.42703	0.1426079	0.22846046	2.6500985	20	11 29.3	20.0
354251 2002 PR_{186}	16.7	X	335.14855	299.44976	91.33213	3.44355	0.1082419	0.22632354	2.6667536	20	11 8.4	19.5
354252 2002 PN_{193}	16.4	X	72.96283	48.53393	296.38876	9.54121	0.0710778	0.23640740	2.5903712	20	—	—
354253 2002 QX_{11}	16.6	X	40.14958	42.68476	315.66099	12.60066	0.1752616	0.23136102	2.6279025	20	—	—
354254 2002 QM_{22}	17.0	X	162.11422	98.59044	178.19903	6.12983	0.1721628	0.24095845	2.5576509	20	—	—
354255 2002 QA_{27}	16.7	X	21.36744	18.56250	339.42170	13.03858	0.1715594	0.22831346	2.6512359	20	12 15.6	20.3
354256 2002 QZ_{27}	16.9	X	75.76417	168.24875	142.34966	14.21176	0.1672468	0.23146246	2.6271347	20	12 20.4	21.1
354257 2002 QH_{28}	16.5	X	334.37881	27.57717	339.20741	7.89981	0.2513534	0.22040856	2.7142536	20	9 30.1	18.5
354258 2002 QC_{83}	17.3	X	142.40005	62.81171	205.73289	3.38839	0.1845191	0.23724861	2.5842445	20	12 28.8	21.5
354259 2002 QN_{83}	17.0	X	168.15359	48.77842	215.60247	2.69277	0.1676748	0.24027853	2.5624736	20	—	—
354260 2002 QA_{114}	16.7	X	183.76550	302.72231	281.48953	7.99639	0.1353145	0.23555025	2.5966515	20	12 15.9	20.7
354261 2002 QS_{140}	17.1	X	326.31600	92.85967	300.45141	10.10727	0.1865125	0.22287895	2.6941598	20	10 19.3	19.9
354262 2002 QJ_{143}	16.2	X	263.01520	332.68436	143.39058	22.52716	0.0353757	0.22786626	2.6547036	20	11 23.1	20.2
354263 2002 QK_{143}	16.5	X	67.66441	300.82884	41.21584	10.59077	0.1009613	0.23304310	2.6152420	20	—	—
354264 2002 QL_{145}	17.0	X	285.12896	290.18584	101.39387	6.53869	0.3197267	0.21431517	2.7654604	20	7 10.4	20.3
354265 2002 QD_{150}	16.5	X	145.93315	186.79926	105.88444	5.48620	0.1499574	0.24018108	2.5631667	20	—	—
354266 2002 QW_{152}	16.7	X	128.32668	171.71878	107.78459	6.04591	0.2087816	0.23649436	2.5897362	20	12 30.2	21.0
354267 2002 QY_{153}	16.5	X	183.07927	43.87240	177.97140	5.91843	0.0829144	0.23696433	2.5863109	20	12 17.5	20.2
354268 2002 QC_{154}	16.3	X	160.03477	221.49646	32.45088	5.42384	0.2361836	0.23733244	2.5836359	20	12 24.4	20.8
354269 2002 RA_{21}	16.5	X	334.93260	245.68630	156.07235	10.97379	0.2312837	0.22385535	2.6863199	20	12 2.0	19.0
354270 2002 RL_{76}	16.4	X	313.86171	239.03349	164.36556	15.51593	0.1666296	0.22174172	2.7033635	20	10 18.1	19.3
354271 2002 RC_{111}	17.0	X	332.02186	52.84750	330.58832	10.33195	0.2060274	0.22048271	2.7136449	20	10 16.8	19.7
354272 2002 RY_{138}	16.4	X	349.97129	235.94483	115.38463	9.76599	0.2636671	0.22077633	2.7112384	20	10 27.8	18.8
354273 2002 RO_{179}	17.0	X	338.41238	19.65773	358.51931	5.91636	0.0372578	0.22166968	2.7039491	20	10 21.0	20.4
354274 2002 RV_{186}	16.8	X	102.45234	346.67952	319.91412	12.62475	0.1762229	0.23233386	2.6205616	20	—	—
354275 2002 RK_{207}	18.5	X	208.82719	65.93307	328.78543	2.75522	0.1426375	0.31512698	2.1386793	20	5 11.9	21.4
354276 2002 RV_{214}	16.6	X	113.45077	319.65314	353.08993	4.82662	0.2282757	0.23707496	2.5855062	20	—	—
354277 2002 RU_{223}	15.7	X	254.78900	279.61497	50.56452	7.82724	0.1555590	0.20347316	2.8628458	20	4 11.8	20.0
354278 2002 RV_{237}	16.8	X	283.78394	277.21580	155.83586	11.77333	0.2593638	0.22042463	2.7141216	20	9 16.5	19.9
354279 2002 RD_{241}	16.1	X	268.79155	285.22241	153.23566	22.19940	0.0478958	0.22294101	2.6936598	20	10 7.9	19.9
354280 2002 RP_{242}	17.2	X	42.34898	126.15650	195.06968	5.81418	0.1386778	0.22657375	2.6647900	20	11 22.0	20.7
354281 2002 RN_{246}	16.5	X	345.19159	48.34673	338.39713	13.76716	0.1873176	0.22671012	2.6637212	20	11 21.8	19.5
354282 2002 RV_{254}	16.9	X	74.26960	343.04810	325.90149	4.30845	0.1458018	0.22954406	2.6417518	20	12 13.2	20.9
354283 2002 RC_{257}	17.2	X	173.04853	98.15552	154.40057	3.36451	0.2503018	0.23879277	2.5730917	20	—	—
354284 2002 RO_{257}	17.0	X	87.99151	254.61243	65.06461	5.82640	0.2415293	0.23495067	2.6010673	20	—	—
354285 2002 RQ_{263}	16.9	X	271.68395	199.29705	210.44073	6.13616	0.1704232	0.21472840	2.7619113	20	8 7.1	20.7
354286 2002 RG_{269}	16.6	X	286.33830	168.37110	340.63150	7.20886	0.1389774	0.23692631	2.5865876	20	—	—
354287 2002 RO_{271}	17.1	X	212.51891	49.05232	159.05918	18.11752	0.0740639	0.23618267	2.5920141	20	—	—
354288 2002 RT_{273}	17.4	X	298.47619	67.57736	346.94813	5.97262	0.0661795	0.22367223	2.6877859	20	10 9.9	20.7
354289 2002 RX_{282}	17.2	X	316.38752	189.19392	196.64071	5.99693	0.0762953	0.21864713	2.7288115	20	9 28.1	20.3
354290 2002 RM_{290}	16.6	X	11.66778	246.24349	116.43300	10.70819	0.0977818	0.22734147	2.6587874	20	11 29.4	20.0
354291 2002 RO_{290}	16.6	X	223.18078	141.11993	107.03536	8.08343	0.1619561	0.24574080	2.5243595	20	—	—
354292 2002 SK_{12}	15.9	X	74.47846	297.50056	23.07166	15.04963	0.1374420	0.22850197	2.6497775	20	12 26.6	20.2
354293 2002 SD_{72}	16.5	X	199.12988	241.89445	338.38543	14.15755	0.1168274	0.23519700	2.5992509	20	12 31.1	20.5
354294 2002 TL_{60}	16.7	X	318.15480	246.57524	136.17417	10.91894	0.3846239	0.21698696	2.7427126	20	8 23.7	18.2
354295 2002 TA_{71}	16.1	X	289.37375	189.44700	239.55158	10.17478	0.2346514	0.21772021	2.7365511	20	9 17.8	19.5
354296 2002 TO_{73}	16.5	X	278.92783	180.18410	225.61444	8.87260	0.2791267	0.21220965	2.7837227	20	7 24.6	20.4
354297 2002 TE_{108}	15.8	X	260.46581	154.16508	271.44977	11.23790	0.3038852	0.20935960	2.8089292	20	7 25.2	20.1
354298 2002 TX_{110}	16.3	X	257.75850	185.46447	232.96947	9.94352	0.2202472	0.21121201	2.7924816	20	7 23.4	20.5
354299 2002 TK_{114}	16.3	X	300.97509	133.84104	266.34684	8.23755	0.1850089	0.21693411	2.7431580	20	9 5.6	19.5
354300 2002 TW_{127}	16.0	X	287.04860	210.51957	214.47541	13.54743	0.1552602	0.21869846	2.7283845	20	9 22.5	19.4
354301 2002 TB_{148}	16.2	X	329.27265	138.03990	258.95979	8.60425	0.1612375	0.22408166	2.6845109	20	11 4.3	19.0
354302 2002 TQ_{171}	16.5	X	133.74012	311.10960	344.36484	31.03364	0.2032893	0.23651062	2.5896175	20	—	—
354303 2002 TO_{178}	15.9	X	63.56389	92.76840	236.57946	12.87657	0.1013176	0.22545716	2.6735811	20	12 20.3	19.8
354304 2002 TK_{229}	16.9	X	89.65365	106.13293	216.35238	3.15772	0.2421142	0.23242820	2.6198525	20	—	—
354305 2002 TD_{236}	16.2	X	307.83949	37.49444	326.85435	12.64187	0.1931590	0.21302719	2.7765960	20	8 2.6	19.2
354306 2002 TK_{243}	16.7	X	253.70199	68.01075	27.61437	5.71146	0.0659683	0.21712677	2.7415350	20	10 2.8	20.3
354307 2002 TD_{279}	16.4	X	300.30884	33.90812	331.43745	7.24290	0.2428463	0.21210760	2.7846155	20	7 11.9	19.6
354308 2002 TT_{310}	17.0	X	167.37694	166.32990	58.46555	12.83694	0.1403891	0.22616377	2.6680094	20	11 28.1	21.1
354309 2002 TY_{314}	16.7	X	242.17134	328.07590	136.67549	10.58850	0.1731667	0.21387489	2.7692544	20	9 15.7	20.7
354310 2002 TJ_{316}	16.4	X	340.84877	208.49069	126.95569	10.51825	0.2881609	0.21540859	2.7560940	20	9 1.2	18.2
354311 2002 TS_{341}	17.0	X	1.90067	286.56448	73.26450	5.39128	0.1063686	0.22166340	2.7040002	20	11 9.0	20.1
354312 2002 UN_{1}	16.3	X	268.37726	215.83213	257.86134	4.48389	0.0293010	0.22132900	2.7067231	20	11 19.3	19.8
354313 2002 UP_{37}	15.9	X	235.06972	59.78065	36.68318	10.52475	0.1468579	0.21138445	2.7909626	20	9 2.7	20.1
354314 2002 US_{47}	16.6	X	319.86698	171.34067	209.72766	2.80839	0.2009271	0.21588126	2.7520697	20	9 18.4	19.0
354315 2002 UU_{51}	16.6	X	152.56853	320.81042	297.17402	12.83535	0.0699939	0.23466992	2.6031414	20	12 29.9	20.4
354316 2002 UZ_{77}	16.8	X	292.09563	159.46670	231.80008	2.55828	0.1252091	0.21177099	2.7875655	20	8 20.3	20.1
354317 2002 VW_{47}	16.4	X	225.10089	167.26177	230.78881	12.85296	0.2965070	0.20137864	2.8826624	20	5 24.9	21.4
354318 2002 VX_{69}	16.2	X	273.55205	326.19962	66.39454	9.10585	0.2325416	0.21046288	2.7991041	20	7 10.5	20.1
354319 2002 VF_{139}	16.2	X	239.45869	155.70650	308.79272	7.19794	0.1813874	0.21210695	2.7846211	20	9 5.8	20.4
354320 2002 VG_{139}	16.2	X	76.76683	324.03527	359.53650	9.53846	0.1353402	0.22553496	2.6729662	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354321 2002 VB_{144}	16.0	X	74.52528	214.64987	60.45694	10.19653	0.1354307	0.21783643	2.7355776	20	11 1.0	20.0
354322 2002 VA_{146}	16.9	X	260.40666	297.22300	164.24999	3.92640	0.0587094	0.21660380	2.7459461	20	10 20.5	20.4
354323 2002 VC_{147}	16.4	X	340.33324	292.39893	57.74181	0.81890	0.0831004	0.21380410	2.7698656	20	9 17.7	19.8
354324 2002 VF_{147}	16.1	X	308.18116	347.34362	359.19832	9.81020	0.1803015	0.21028336	2.8006969	20	7 9.9	19.5
354325 2002 WM_{1}	16.9	X	274.83722	146.43541	256.83140	7.78318	0.2062138	0.21002524	2.8029911	20	7 27.6	20.8
354326 2002 WL_{3}	16.0	X	254.66133	202.33209	245.03852	11.66281	0.0572564	0.21225906	2.7832906	20	9 17.1	20.1
354327 2002 WO_{30}	16.8	X	273.38151	15.70874	65.78204	4.33778	0.0671342	0.21410356	2.7672822	20	10 11.1	20.3
354328 2002 WR_{31}	15.3	X	195.87810	272.46082	252.64527	11.48939	0.1323997	0.21426026	2.7659329	20	10 9.7	19.7
354329 2002 XB_{12}	16.3	X	335.99723	9.77783	2.21503	7.59374	0.3305436	0.21712616	2.7415401	20	10 16.7	17.8
354330 2002 YL_{16}	16.2	X	258.63401	353.44257	76.37368	15.23365	0.1457421	0.20901558	2.8120105	20	8 29.1	20.4
354331 2002 YP_{34}	17.6	X	116.87458	354.47920	95.63028	7.94290	0.1015065	0.29819830	2.2188738	20	4 17.9	20.4
354332 2003 AD_{1}	18.1	X	359.93308	44.73787	117.52306	27.13303	0.3227498	0.40159954	1.8194519	20	—	—
354333 2003 AK_{4}	16.7	X	243.83537	341.30996	108.05196	6.38014	0.0754261	0.20605940	2.8388412	20	9 10.5	20.7
354334 2003 AR_{74}	16.6	X	189.08989	89.29394	64.23228	7.81420	0.2482640	0.20408967	2.8570776	20	9 19.8	21.6
354335 2003 BC_{7}	17.3	X	160.13378	288.93020	126.56853	5.06756	0.2166403	0.30183641	2.2010080	20	4 27.3	20.8
354336 2003 BW_{45}	16.5	X	195.96221	293.80408	139.33486	6.74281	0.0237857	0.19071281	2.9891621	20	6 24.2	20.8
354337 2003 DV_{4}	16.9	X	178.90470	159.02090	324.93145	9.20457	0.2916311	0.19712257	2.9240075	20	8 3.6	22.2
354338 2003 EB_{4}	18.0	X	222.14868	256.62438	335.33259	20.41265	0.0681297	0.38813109	1.8613031	20	—	—
354339 2003 EZ_{38}	18.6	X	354.54872	196.94483	18.37710	4.77061	0.0813272	0.29194601	2.2504413	20	3 27.9	20.7
354340 2003 FM_{7}	17.2	X	354.41971	192.30103	2.79893	22.96310	0.1842264	0.28655469	2.2785805	20	2 24.6	19.5
354341 2003 FW_{80}	15.3	X	50.23084	43.41860	156.56458	16.26708	0.1938756	0.18080962	3.0973363	20	6 27.7	19.5
354342 2003 FB_{85}	13.0	X	120.61364	316.63065	267.20560	6.47925	0.0327137	0.08323382	5.1952068	20	9 16.2	20.1
354343 2003 FO_{90}	16.7	X	39.74674	256.87340	307.07259	4.56442	0.1787536	0.29458997	2.2369559	20	6 16.2	18.6
354344 2003 FS_{96}	17.8	X	250.27791	125.96536	186.77523	5.62004	0.2160840	0.28665769	2.2780346	20	3 2.5	21.3
354345 2003 FB_{101}	17.7	X	11.02566	203.42595	5.66157	5.21464	0.1268623	0.29157814	2.2523337	20	4 14.9	19.4
354346 2003 FK_{103}	17.7	X	12.94095	161.95964	1.49468	6.00616	0.1110264	0.28573929	2.2829132	20	2 11.6	19.7
354347 2003 FJ_{109}	16.0	X	102.29148	171.44070	36.52265	16.28137	0.1688619	0.19055573	2.9908046	20	9 14.3	20.9
354348 2003 FL_{132}	16.7	X	91.83944	79.14692	158.49656	3.82556	0.1684858	0.19298660	2.9656367	20	10 3.1	21.2
354349 2003 FN_{133}	17.7	X	15.47954	228.02169	321.86413	2.67547	0.1011259	0.28904961	2.2654499	20	3 24.6	19.6
354350 2003 GE	17.6	X	283.20057	328.59745	183.49389	23.28018	0.0453416	0.38298340	1.8779445	20	—	—
354351 2003 GY_{24}	13.4	X	331.87147	330.91385	56.92813	9.63373	0.0476989	0.08263290	5.2203634	20	10 4.9	20.1
354352 2003 GR_{28}	17.7	X	12.22448	62.70376	131.13317	10.10132	0.0805023	0.28882246	2.2666375	20	3 31.3	20.1
354353 2003 GT_{48}	16.0	X	53.58974	78.66786	160.17160	10.48089	0.0723662	0.18694610	3.0291802	20	8 3.5	20.1
354354 2003 GV_{53}	13.1	X	227.87040	58.81154	81.18326	9.99040	0.0341398	0.08344759	5.1863304	20	10 13.1	20.1
354355 2003 GT_{54}	15.9	X	76.18404	88.71665	145.43335	5.57316	0.0947800	0.19009759	2.9956080	20	9 1.5	20.0
354356 2003 HU_{6}	17.8	X	341.30220	211.18711	25.77326	6.66300	0.1894399	0.28878436	2.2668369	20	3 24.1	19.5
354357 2003 HT_{12}	15.6	X	44.83729	171.18027	70.98968	10.76089	0.0659831	0.18316773	3.0706954	20	7 29.0	19.8
354358 2003 HQ_{15}	16.8	X	340.51878	58.20267	157.95450	22.14060	0.1603461	0.28470699	2.2884282	20	2 22.1	18.8
354359 2003 HR_{34}	16.0	X	314.36991	68.03210	203.34746	12.00677	0.1627290	0.17277232	3.1926644	20	4 9.3	20.2
354360 2003 HW_{50}	17.6	X	308.08925	167.46679	70.31775	11.08938	0.2001882	0.28176372	2.3043371	20	2 1.5	20.7
354361 2003 HS_{58}	17.6	X	278.23420	132.93399	154.51379	23.15778	0.1987365	0.28117009	2.3075793	20	3 1.2	21.0
354362 2003 KT_{1}	15.9	X	24.03175	152.43596	127.47830	12.12623	0.1929758	0.18185040	3.0855070	20	9 3.1	19.5
354363 2003 KK_{13}	15.4	X	268.63907	251.74652	68.44677	11.93445	0.0299690	0.17314445	3.1880882	20	5 3.1	19.9
354364 2003 KG_{25}	14.5	X	139.78270	96.43918	121.92958	1.45910	0.0216133	0.08340372	5.1881488	20	10 3.4	21.4
354365 2003 LX_{2}	17.5	X	317.44036	106.75882	172.97542	6.32995	0.4149916	0.28410095	2.2916815	20	3 4.1	20.2
354366 2003 OV_{1}	17.1	X	239.16852	339.49659	304.55425	12.89663	0.2339700	0.27119959	2.3637962	20	1 20.4	21.2
354367 2003 OY_{31}	17.2	X	139.18294	342.06585	303.63380	17.48194	0.0719591	0.37060467	1.9195325	20	—	—
354368 2003 QS_{4}	18.1	X	304.59977	51.83708	204.28212	4.35471	0.2964190	0.27750681	2.3278426	20	2 4.2	21.4
354369 2003 QX_{12}	17.1	X	271.43081	227.55109	58.39561	3.30883	0.2066587	0.27451656	2.3447166	20	2 22.1	20.5
354370 2003 QS_{25}	17.1	X	10.11178	209.69258	182.67101	7.81674	0.2567785	0.24240268	2.5474819	20	—	—
354371 2003 QM_{40}	16.5	X	232.04536	350.71658	317.59708	9.81366	0.2498106	0.27227659	2.3575587	20	2 11.4	20.4
354372 2003 QA_{58}	17.3	X	35.62169	221.65641	131.95586	4.77503	0.2410296	0.24255940	2.5463845	20	—	—
354373 2003 RX_{1}	17.7	X	147.94705	112.24305	159.93154	22.62483	0.0683714	0.36753737	1.9301974	20	—	—
354374 2003 RR_{8}	17.1	X	348.72853	76.70786	281.17305	7.64932	0.4258923	0.23328693	2.6134194	20	12 3.9	18.8
354375 2003 SO_{4}	16.9	X	326.56949	0.61260	27.41195	5.05507	0.2973271	0.23341999	2.6124261	20	10 21.2	18.1
354376 2003 SC_{16}	17.7	X	275.08454	36.94897	198.28014	2.54113	0.1427675	0.26453459	2.4033355	20	—	—
354377 2003 SL_{29}	17.6	X	195.14787	331.19119	200.04103	20.72446	0.0422198	0.35460432	1.9768484	20	11 28.9	20.0
354378 2003 SR_{37}	17.8	X	321.07058	160.84285	235.00439	3.60743	0.3193663	0.23286758	2.6165560	20	10 12.9	19.0
354379 2003 SZ_{71}	17.1	X	180.72096	355.82593	319.26936	6.11946	0.1291706	0.26034106	2.4290751	20	1 7.8	20.7
354380 2003 SK_{116}	17.3	X	347.21443	212.00679	162.60068	5.67611	0.3202493	0.23509411	2.6000092	20	12 6.9	19.4
354381 2003 SR_{120}	17.1	X	2.10834	321.43410	36.43214	9.55995	0.2290301	0.23689975	2.5867809	20	11 25.6	19.8
354382 2003 SH_{123}	17.2	X	46.87013	70.74242	312.58043	3.86469	0.1503436	0.24600026	2.5225842	20	—	—
354383 2003 SE_{149}	17.7	X	324.82580	232.25009	183.76254	5.72292	0.2708820	0.23489419	2.6014842	20	12 4.6	19.5
354384 2003 SP_{170}	17.2	X	328.85685	242.02144	154.77254	10.40270	0.3262084	0.23290022	2.6163115	20	11 20.1	18.8
354385 2003 SR_{184}	17.5	X	169.89920	22.49622	182.67461	22.30156	0.0652815	0.35610672	1.9712843	20	12 10.6	20.3
354386 2003 SG_{234}	17.4	X	5.91063	283.64218	114.97155	3.80312	0.2164731	0.24060127	2.5601816	20	—	—
354387 2003 SY_{261}	17.8	X	17.30740	192.60313	174.74982	7.15054	0.1418883	0.23945095	2.5683744	20	12 21.1	21.1
354388 2003 SD_{268}	17.2	X	240.10479	276.23270	3.77813	3.89304	0.1233500	0.26394018	2.4069424	20	1 22.1	20.7
354389 2003 ST_{301}	16.8	X	252.16640	246.00354	328.50258	6.56873	0.0586353	0.25393704	2.4697444	20	—	—
354390 2003 SM_{305}	17.7	X	23.99684	331.75140	349.75593	18.20920	0.0878144	0.35046623	1.9923789	20	11 8.0	20.2
354391 2003 SX_{323}	17.1	X	199.05828	298.10605	4.71144	6.92240	0.1337180	0.26215353	2.4178661	20	1 11.2	20.9
354392 2003 SC_{326}	17.6	X	277.26057	268.60548	350.15949	2.18125	0.1837172	0.26862995	2.3788465	20	1 26.7	21.1
354393 2003 SH_{328}	17.2	X	190.49903	338.43747	330.34366	6.03449	0.1339923	0.26178031	2.4201637	20	1 9.9	20.9
354394 2003 SP_{332}	17.2	X	1.51739	301.13921	101.13071	8.16356	0.1052308	0.23949619	2.5680510	20	—	—
354395 2003 SA_{380}	17.5	X	295.96620	70.93242	127.62959	2.05492	0.1298638	0.25824338	2.4422114	20	—	—
354396 2003 TM_{36}	16.8	X	289.22050	260.34016	211.94922	12.66378	0.2228733	0.23619127	2.5919512	20	12 2.7	19.3
354397 2003 TJ_{57}	17.2	X	346.10671	126.66070	285.24761	10.80043	0.1168542	0.23909404	2.5709298	20	12 29.7	19.9
354398 2003 UD_{20}	16.4	X	326.67745	180.27279	230.87112	12.51225	0.1159256	0.23262483	2.6183760	20	11 23.2	19.2
354399 2003 UZ_{30}	17.4	X	240.39350	308.47949	326.72807	1.52326	0.1613456	0.26214669	2.4179081	20	1 14.2	21.1
354400 2003 UA_{66}	16.7	X	353.30349	322.06328	73.98500	13.62017	0.1719545	0.23726629	2.5841161	20	12 25.8	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354401 2003 UP_{77}	17.1	X	26.00996	76.65238	323.58595	5.63598	0.1380651	0.24301414	2.5432069	20	—	—
354402 2003 UG_{108}	17.5	X	4.21582	355.90712	28.44308	4.37429	0.1951139	0.23678619	2.5876079	20	—	—
354403 2003 UB_{150}	17.5	X	332.54633	234.85970	169.50940	4.65345	0.2334386	0.23505843	2.6002723	20	12 3.8	19.6
354404 2003 UV_{158}	17.1	X	318.20315	22.68497	44.10766	2.24939	0.1945896	0.23339219	2.6126336	20	11 30.1	19.2
354405 2003 UW_{166}	17.4	X	335.08882	34.99585	18.70692	7.92641	0.1735043	0.23619127	2.5919512	20	12 16.6	20.1
354406 2003 UJ_{181}	17.2	X	33.83907	286.63636	91.05676	3.89851	0.1901536	0.24088437	2.5581753	20	—	—
354407 2003 UP_{204}	17.1	X	8.17619	2.80401	55.17100	5.42236	0.1806988	0.24139982	2.5545324	20	—	—
354408 2003 UR_{205}	16.5	X	321.64068	159.51337	232.20368	9.24709	0.3967201	0.22996815	2.6385029	20	9 21.9	17.5
354409 2003 UB_{239}	17.1	X	163.19163	331.89623	0.84913	4.04527	0.1807971	0.25796679	2.4439568	20	1 16.9	20.8
354410 2003 UH_{242}	17.5	X	350.68935	320.54331	69.30476	4.26118	0.2080097	0.23507206	2.6001718	20	12 17.4	19.9
354411 2003 UB_{273}	17.1	X	339.26217	328.92915	85.35353	5.48632	0.2572208	0.23499317	2.6007537	20	—	—
354412 2003 UX_{331}	18.3	X	11.63405	96.82296	303.87016	3.65979	0.1832913	0.24335963	2.5407993	20	—	—
354413 2003 UU_{339}	17.1	X	310.25494	249.40883	225.46425	6.33539	0.0841365	0.24206630	2.5498414	20	—	—
354414 2003 VA	16.8	X	357.95107	161.15643	244.95230	7.71492	0.1071726	0.23748267	2.5825462	20	—	—
354415 2003 VT_{11}	17.0	X	322.32012	35.79537	10.16812	13.23362	0.2881381	0.23166945	2.6255696	20	11 1.7	18.7
354416 2003 WM_{1}	17.1	X	345.63373	335.70024	49.32106	4.19926	0.1959491	0.23265997	2.6181123	20	11 27.7	19.4
354417 2003 WD_{10}	17.0	X	29.92695	70.64151	281.73285	8.22162	0.2214463	0.23634007	2.5908631	20	12 29.5	20.3
354418 2003 WO_{12}	17.0	X	356.17096	313.17981	46.02117	20.87745	0.0424773	0.34819767	2.0010233	20	11 19.9	18.8
354419 2003 WY_{21}	16.5	X	304.93621	182.69501	255.76817	9.05059	0.1960724	0.23111124	2.6297957	20	11 16.0	19.0
354420 2003 WX_{22}	17.1	X	46.35577	263.35255	107.75167	2.11548	0.2052971	0.24115867	2.5562351	20	—	—
354421 2003 WR_{53}	16.7	X	308.83543	199.18701	261.33161	7.59149	0.0873186	0.23735533	2.5834698	20	12 31.4	19.6
354422 2003 WW_{55}	16.7	X	70.65031	355.87782	13.88863	6.36248	0.1786981	0.24386760	2.5372698	20	—	—
354423 2003 WC_{71}	16.8	X	21.57746	80.45878	299.97366	13.60677	0.2136764	0.23849442	2.5752372	20	—	—
354424 2003 WB_{75}	16.8	X	162.57964	205.81177	124.72885	3.20296	0.2242430	0.25534314	2.4606693	20	1 16.4	20.7
354425 2003 WG_{84}	16.8	X	341.63615	304.59850	114.12118	4.51810	0.2463632	0.23600746	2.5932969	20	—	—
354426 2003 WP_{84}	16.7	X	272.55635	206.59146	262.95640	11.43272	0.2441575	0.22968244	2.6406906	20	10 17.3	20.1
354427 2003 WN_{122}	17.6	X	332.19972	34.23149	21.53888	4.54054	0.2867925	0.23354517	2.6114925	20	12 25.6	19.5
354428 2003 WH_{130}	16.7	X	316.68392	19.74882	39.02997	7.23157	0.2542897	0.23030120	2.6359586	20	11 10.9	18.4
354429 2003 WB_{134}	16.4	X	331.69902	359.90305	62.77185	15.59156	0.1803263	0.23396489	2.6083684	20	12 21.9	19.0
354430 2003 WU_{145}	17.1	X	297.28540	219.71171	237.43981	5.67249	0.2504096	0.23220392	2.6215392	20	11 22.5	19.1
354431 2003 WU_{166}	17.2	X	340.36151	208.41987	225.92197	9.06746	0.1798829	0.23870546	2.5737191	20	—	—
354432 2003 WU_{192}	17.3	X	332.14318	256.24122	150.41797	3.52251	0.2874062	0.23260855	2.6184981	20	12 10.5	19.0
354433 2003 XO_{12}	16.9	X	290.29782	80.79121	326.34325	11.52168	0.2652842	0.22356292	2.6886620	20	8 19.5	19.6
354434 2003 YL_{10}	16.0	X	31.20338	67.61014	305.96531	9.96222	0.2675643	0.23788919	2.5796032	20	—	—
354435 2003 YA_{14}	16.6	X	15.57512	55.26254	316.21802	12.62310	0.2874980	0.23344492	2.6122401	20	—	—
354436 2003 YW_{19}	16.2	X	255.20330	144.48385	300.31849	12.09862	0.0802900	0.21921838	2.7240688	20	9 11.2	20.1
354437 2003 YW_{36}	16.6	X	187.69943	16.42463	91.27825	10.24989	0.1286068	0.21062351	2.7976807	20	7 26.8	21.1
354438 2003 YN_{68}	16.2	X	284.73643	339.63664	112.80123	18.26354	0.1354560	0.22527313	2.6750370	20	11 11.4	19.7
354439 2003 YS_{88}	17.0	X	291.81608	311.75190	135.03105	5.29554	0.2096061	0.22740450	2.6582960	20	11 1.1	19.6
354440 2003 YG_{89}	16.0	X	284.06538	328.16183	112.82477	14.69403	0.2250222	0.22329695	2.6907965	20	10 11.3	19.3
354441 2003 YX_{105}	16.2	X	331.97411	141.19165	275.82340	11.79956	0.2183895	0.23243699	2.6197864	20	12 18.5	18.3
354442 2003 YS_{108}	17.1	X	336.78163	340.80543	43.45152	3.80003	0.2185531	0.23015272	2.6370921	20	11 8.6	19.0
354443 2003 YE_{112}	16.5	X	344.33883	357.08457	34.14132	6.06159	0.2374337	0.23168811	2.6254287	20	12 8.6	18.8
354444 2003 YN_{114}	16.5	X	351.82530	294.25578	101.68262	5.41106	0.2252475	0.23087425	2.6315950	20	12 29.2	19.0
354445 2003 YG_{129}	16.2	X	274.94128	12.09782	87.75389	15.16049	0.2134742	0.22426501	2.6830476	20	10 24.3	19.6
354446 2003 YT_{142}	16.7	X	299.69087	353.49278	48.80858	9.88476	0.3164267	0.22418627	2.6836757	20	8 27.1	19.5
354447 2003 YB_{145}	16.3	X	344.16208	45.78072	343.81280	11.67212	0.2733346	0.22864407	2.6486796	20	12 9.0	18.8
354448 2003 YP_{167}	16.2	X	321.87236	12.17982	41.55319	13.61296	0.1581043	0.23154692	2.6264958	20	11 16.2	18.9
354449 2004 AQ_{23}	17.5	X	221.23182	261.19718	262.24567	3.00250	0.1214155	0.22355703	2.6887092	20	11 9.8	21.2
354450 2004 BB_{7}	17.0	X	2.27542	350.71834	37.09439	3.79019	0.1891862	0.23036951	2.6354375	20	12 30.4	19.9
354451 2004 BF_{10}	16.4	X	234.92520	29.07163	116.85464	14.07907	0.1019011	0.22222299	2.6994589	20	11 12.5	20.4
354452 2004 BM_{13}	16.1	X	178.34014	128.52086	103.41907	5.26249	0.1418858	0.22603275	2.6690404	20	12 17.6	20.1
354453 2004 BO_{16}	16.3	X	269.91491	181.27579	315.97686	13.39006	0.1898766	0.22954839	2.6417186	20	12 1.5	19.6
354454 2004 BC_{17}	17.0	X	257.14813	69.58774	45.24679	7.74163	0.2317162	0.22322004	2.6914146	20	10 9.6	20.5
354455 2004 BF_{25}	16.6	X	237.57086	224.06123	305.69915	11.78182	0.0559080	0.22777786	2.6553903	20	12 19.3	20.2
354456 2004 BA_{28}	16.3	X	146.49706	269.24548	316.70163	8.64881	0.1733511	0.21820324	2.7325110	20	11 6.4	21.1
354457 2004 BH_{36}	16.4	X	344.44474	277.50962	116.74513	7.75643	0.0659661	0.22440631	2.6819212	20	11 25.8	19.8
354458 2004 BY_{61}	16.3	X	10.42810	259.80078	121.09178	14.77446	0.1546743	0.22982210	2.6396207	20	12 28.5	19.5
354459 2004 BW_{72}	17.0	X	205.58660	85.34089	123.17717	12.94936	0.2443559	0.22513542	2.6761277	20	12 7.9	21.4
354460 2004 BO_{86}	16.3	X	298.17764	315.19573	114.41163	12.55630	0.1635735	0.22270488	2.6955634	20	10 28.4	19.5
354461 2004 BV_{87}	15.6	X	193.68901	222.02417	338.69115	25.71686	0.2925254	0.21837379	2.7310881	20	10 30.9	20.9
354462 2004 BT_{94}	16.3	X	236.75684	244.81972	248.98155	11.98096	0.1254644	0.21977125	2.7194984	20	10 17.9	20.4
354463 2004 BE_{117}	16.1	X	284.21388	117.83047	336.22371	20.89003	0.1123384	0.22342441	2.6897730	20	10 26.3	19.9
354464 2004 BU_{137}	17.2	X	172.45424	237.68465	4.80417	2.84205	0.2077451	0.22571639	2.6715337	20	12 20.4	21.6
354465 2004 BF_{152}	16.8	X	204.11533	256.56558	308.19802	6.75875	0.1888545	0.22521537	2.6754943	20	12 4.8	21.0
354466 2004 BF_{154}	16.7	X	63.96687	25.03303	311.92305	8.19500	0.0436830	0.22782068	2.6550576	20	12 24.9	20.4
354467 2004 CZ_{52}	16.7	X	336.43472	70.24224	311.41270	11.60222	0.2762722	0.22406832	2.6846175	20	10 29.8	18.9
354468 2004 CU_{55}	16.1	X	193.93603	33.56757	162.97240	14.95799	0.1281066	0.22000518	2.7175703	20	11 23.4	20.5
354469 2004 CT_{56}	16.2	X	220.11564	69.76377	103.15670	13.33380	0.0959788	0.22360691	2.6883093	20	11 27.2	20.1
354470 2004 CH_{57}	16.3	X	231.59510	117.66805	358.68920	12.94813	0.1370748	0.21743917	2.7389085	20	9 20.9	20.1
354471 2004 CT_{76}	17.0	X	282.46919	136.24765	316.45955	11.48362	0.2411148	0.22374330	2.6872167	20	10 7.5	20.4
354472 2004 CZ_{82}	16.4	X	213.62491	141.56010	337.39342	8.54439	0.1157059	0.21359600	2.7716643	20	9 5.5	20.6
354473 2004 CR_{93}	16.2	X	172.50056	285.37785	286.20184	8.90274	0.1514037	0.21980885	2.7191882	20	11 14.2	20.7
354474 2004 CE_{102}	16.2	X	154.25626	352.16222	242.93045	9.25693	0.0670905	0.22119138	2.7078457	20	11 30.2	20.1
354475 2004 CE_{103}	16.0	X	167.10589	300.08622	311.07089	14.08240	0.2928445	0.22053909	2.7131825	20	12 22.6	21.0
354476 2004 CS_{128}	15.9	X	28.42526	1.87264	342.37094	12.29916	0.1286855	0.21956840	2.7211731	20	11 25.9	19.7
354477 2004 DM_{14}	15.8	X	233.15809	160.94687	345.33847	21.90175	0.0927025	0.21808173	2.7335259	20	10 25.6	20.1
354478 2004 DT_{40}	17.1	X	154.58138	68.15179	135.93989	8.37654	0.2441187	0.21229644	2.7829640	20	10 23.6	22.1
354479 2004 ES	16.5	X	230.83385	118.75624	22.87064	13.45894	0.2629634	0.21814481	2.7329989	20	10 8.2	20.6
354480 2004 EY_{5}	15.9	X	214.86245	207.44642	10.75489	15.64853	0.2052838	0.22377869	2.6869334	20	12 31.7	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354481 2004 ET_{12}	16.4	X	166.65178	228.72215	358.70246	8.79251	0.1575052	0.21798375	2.7343450	20	11 26.9	21.0
354482 2004 EV_{15}	16.3	X	260.15755	213.31104	247.66788	2.27660	0.1467461	0.21799792	2.7342265	20	10 4.2	19.9
354483 2004 EK_{25}	17.0	X	219.87630	337.29160	174.74315	9.81743	0.1493104	0.21724640	2.7405285	20	10 23.2	21.1
354484 2004 EB_{30}	16.9	X	183.93358	340.29084	152.28256	2.63215	0.0224749	0.20665464	2.8333873	20	8 26.8	20.9
354485 2004 ES_{58}	16.7	X	160.83791	305.20073	255.32304	10.14310	0.2370516	0.21226353	2.7832516	20	10 17.9	21.8
354486 2004 ED_{75}	16.4	X	265.68811	87.10831	357.27589	9.34927	0.1688699	0.21598214	2.7512127	20	9 17.4	20.1
354487 2004 EC_{76}	15.8	X	191.30811	170.30197	353.78721	17.16411	0.1623142	0.21452825	2.7636289	20	10 2.2	20.3
354488 2004 EK_{82}	16.2	X	226.31220	47.96765	122.44941	13.90083	0.2233348	0.21928865	2.7234868	20	11 16.0	20.5
354489 2004 FB_{13}	16.4	X	195.90334	309.26561	200.33588	13.94777	0.1425400	0.21157322	2.7893023	20	9 21.7	20.8
354490 2004 FD_{32}	16.6	X	188.46761	105.01499	88.60721	19.02601	0.2076943	0.21524069	2.7575271	20	11 11.4	21.4
354491 2004 FJ_{54}	16.4	X	319.38033	255.87344	182.38655	12.71010	0.2495641	0.22536513	2.6743089	20	12 18.4	18.8
354492 2004 FQ_{119}	16.9	X	187.50498	173.25321	17.21246	5.36810	0.1012303	0.21511803	2.7585753	20	11 6.6	21.2
354493 2004 FA_{124}	15.7	X	174.10607	124.00946	137.44496	15.62819	0.2431141	0.22044988	2.7139144	20	—	—
354494 2004 FX_{158}	16.0	X	222.41759	58.07657	107.15003	14.94351	0.0514090	0.22093664	2.7099267	20	11 26.6	20.0
354495 2004 GX_{4}	16.7	X	198.47288	50.71121	129.44755	3.34529	0.2420324	0.21423048	2.7661892	20	10 27.4	21.4
354496 2004 JT_{9}	15.9	X	207.15125	325.77007	79.57651	11.65510	0.1129992	0.18783815	3.0195822	20	5 28.8	20.6
354497 2004 JE_{54}	15.5	X	259.83553	87.75485	222.32911	16.23773	0.1244794	0.17785098	3.1315923	20	3 22.5	20.4
354498 2004 KG_{6}	16.7	X	177.89793	139.09239	96.63180	4.61861	0.1802424	0.21467184	2.7623964	20	12 16.9	21.3
354499 2004 NL_{19}	17.6	X	188.19281	77.74503	256.73857	4.45249	0.2434887	0.28482947	2.2877722	20	2 7.5	21.5
354500 2004 OO_{14}	15.9	X	13.94689	173.10881	114.07665	12.77835	0.2205238	0.18635599	3.0355716	20	8 30.9	19.3
354501 2004 PW_{5}	15.1	X	280.26463	57.01441	309.18066	18.06826	0.0477696	0.18008906	3.1055926	20	7 12.9	19.4
354502 2004 PN_{13}	17.8	X	158.02416	223.44198	133.49993	3.69638	0.1887636	0.28080309	2.3095895	20	2 8.1	21.3
354503 2004 PN_{16}	17.2	X	93.98706	34.25001	340.35412	6.33357	0.3005940	0.26949627	2.3737458	20	1 4.3	19.5
354504 2004 PY_{28}	17.4	X	67.37664	55.54755	333.15507	6.82988	0.2855863	0.26686366	2.3893316	20	—	—
354505 2004 PX_{37}	17.0	X	186.49420	10.71275	322.62660	5.47586	0.2130601	0.28199685	2.3030668	20	2 5.8	20.7
354506 2004 PT_{45}	17.7	X	204.25785	293.80111	20.99702	2.36162	0.1847389	0.28541511	2.2846416	20	1 28.5	21.3
354507 2004 PW_{48}	17.5	X	142.57644	327.15570	36.50164	3.00032	0.2214948	0.27961407	2.3161323	20	2 5.8	20.8
354508 2004 PE_{57}	15.6	X	322.11169	130.48794	163.19976	11.66097	0.0571758	0.17624089	3.1506362	20	6 4.2	20.0
354509 2004 PY_{61}	16.9	X	203.25459	207.39585	128.81648	5.67028	0.2707872	0.28331899	2.2958963	20	2 23.9	20.8
354510 2004 PV_{66}	14.9	X	299.85957	204.91002	119.84035	30.90901	0.2184134	0.17587890	3.1549578	20	5 29.7	19.6
354511 2004 PH_{114}	18.0	X	220.62847	308.25371	20.92048	5.64987	0.2288174	0.28799622	2.2709707	20	2 29.5	21.9
354512 2004 QR_{8}	15.1	X	272.82732	291.02876	19.06331	19.59093	0.1492181	0.17120219	3.2121551	20	4 7.3	19.8
354513 2004 QD_{25}	16.3	X	252.78892	2.85662	317.93835	24.41887	0.1908674	0.29043740	2.2582275	20	3 6.5	20.1
354514 2004 RG_{5}	17.2	X	44.87334	304.59285	100.67732	5.94832	0.2001975	0.26505916	2.4001636	20	—	—
354515 2004 RX_{7}	17.9	X	107.24277	307.30035	74.51016	3.52432	0.2076799	0.27549648	2.3391533	20	1 17.0	20.5
354516 2004 RK_{44}	16.1	X	352.55630	110.72057	180.46572	10.49718	0.1798052	0.18026800	3.1035372	20	7 12.5	19.6
354517 2004 RC_{46}	15.6	X	29.27661	122.46131	163.06333	22.05492	0.1731205	0.18508943	3.0494041	20	9 15.3	19.3
354518 2004 RM_{47}	17.6	X	141.50830	167.86152	170.77483	3.43871	0.2166183	0.27420125	2.3465137	20	1 2.9	20.8
354519 2004 RM_{51}	18.0	X	117.76417	309.47567	48.13804	2.01134	0.2060053	0.27205879	2.3588168	20	—	—
354520 2004 RX_{53}	17.8	X	76.65368	1.65365	46.09370	3.19613	0.2113201	0.27079663	2.3661406	20	1 3.5	19.7
354521 2004 RJ_{60}	17.1	X	151.81095	24.73217	335.67558	5.64830	0.1671212	0.27855088	2.3220221	20	2 5.3	20.4
354522 2004 RV_{77}	16.9	X	215.00767	276.01743	44.26070	5.52430	0.1670935	0.28258321	2.2998798	20	2 15.6	20.5
354523 2004 RF_{80}	18.0	X	92.67361	173.72703	202.82645	1.32258	0.2305810	0.27101027	2.3648969	20	—	—
354524 2004 RP_{84}	17.6	X	137.70833	124.27940	223.00657	6.53471	0.1406878	0.27458430	2.3443309	20	—	—
354525 2004 RZ_{90}	17.6	X	1.03657	76.25211	228.58019	5.78038	0.2468275	0.30995425	2.1624080	20	9 25.9	19.0
354526 2004 RU_{99}	17.6	X	202.85223	24.17296	316.33698	6.31079	0.2147120	0.28521093	2.2857318	20	2 26.1	21.4
354527 2004 RJ_{152}	15.5	X	340.49474	31.89273	240.85813	9.93219	0.2235317	0.17752953	3.1353713	20	5 19.4	18.8
354528 2004 RZ_{157}	15.5	X	320.98906	301.94435	334.20589	14.90459	0.0870855	0.17029267	3.2235822	20	4 28.7	20.1
354529 2004 RZ_{176}	15.4	X	341.79499	81.75733	228.34825	9.51921	0.1321676	0.17931398	3.1145355	20	7 17.9	19.3
354530 2004 RG_{180}	17.1	X	198.61266	16.62829	322.29325	6.06497	0.1299441	0.28374198	2.2936140	20	2 20.2	20.6
354531 2004 RT_{180}	17.3	X	186.81481	77.20611	253.09527	5.78000	0.1379907	0.27992032	2.3144427	20	1 28.2	20.8
354532 2004 RH_{183}	17.7	X	82.32173	83.56450	305.97080	2.08118	0.2288267	0.26888790	2.3773249	20	—	—
354533 2004 RB_{184}	17.7	X	172.71912	109.67722	224.52031	3.25400	0.1739460	0.27791298	2.3255740	20	1 22.8	21.2
354534 2004 RU_{193}	17.1	X	108.61005	24.07643	333.35737	5.01340	0.2247251	0.26921559	2.3753954	20	—	—
354535 2004 RB_{211}	15.4	X	347.73189	331.41702	324.15882	17.47435	0.1680255	0.17796857	3.1302127	20	7 14.6	19.0
354536 2004 RA_{218}	17.3	X	134.86945	78.13367	283.68427	8.88720	0.2426650	0.27384941	2.3485231	20	1 27.2	20.7
354537 2004 RU_{223}	17.8	X	181.84774	337.82792	8.12181	6.79646	0.1363698	0.28170891	2.3046359	20	2 15.9	21.2
354538 2004 RS_{229}	17.5	X	156.01242	90.45827	246.39411	0.99610	0.2222901	0.27453589	2.3446065	20	1 15.6	21.0
354539 2004 RC_{239}	18.1	X	165.57372	199.86926	182.06916	3.38218	0.0596205	0.28434126	2.2903901	20	3 7.6	21.1
354540 2004 RA_{250}	17.9	X	165.28324	51.85287	285.26773	1.36944	0.2246102	0.27751476	2.3277982	20	1 24.2	21.4
354541 2004 RP_{251}	17.8	X	16.71932	275.84436	128.83792	23.51504	0.1608847	0.38566246	1.8692374	20	—	—
354542 2004 RV_{256}	17.9	X	85.74528	254.91443	155.61559	6.02850	0.1839863	0.27335981	2.3513265	20	1 18.6	20.3
354543 2004 RP_{265}	16.7	X	337.35871	195.23971	120.94894	2.29938	0.1687494	0.17940979	3.1134266	20	7 18.9	20.2
354544 2004 RY_{294}	15.4	X	300.04010	338.41128	348.13376	12.17017	0.0480442	0.17229067	3.1986119	20	6 14.8	20.0
354545 2004 RE_{356}	16.9	X	123.43578	299.47099	78.69666	7.18364	0.1104360	0.27473761	2.3434587	20	1 19.4	19.8
354546 2004 SM_{36}	15.6	X	306.13192	359.54471	316.29117	9.46966	0.0118353	0.17275979	3.1928187	20	6 14.2	20.2
354547 2004 SE_{39}	17.4	X	94.50485	329.79083	40.56693	3.23941	0.2012949	0.26766584	2.3845554	20	—	—
354548 2004 SO_{43}	17.8	X	45.89727	109.90439	290.31864	3.82698	0.2192821	0.26394387	2.4069200	20	—	—
354549 2004 SZ_{53}	17.8	X	135.56799	179.30689	186.64513	3.70595	0.2078378	0.27521886	2.3407260	20	1 29.3	21.1
354550 2004 SS_{54}	17.1	X	104.21572	279.78818	110.28573	6.61903	0.2745986	0.27043895	2.3682264	20	2 4.9	19.9
354551 2004 TY_{12}	17.3	X	86.44981	309.72844	70.73967	3.42257	0.2124925	0.26753217	2.3853496	20	—	—
354552 2004 TD_{21}	17.8	X	100.45977	194.88293	193.52350	0.93333	0.1993064	0.27031636	2.3689424	20	1 15.1	20.3
354553 2004 TA_{24}	17.6	X	134.51219	178.20077	206.75832	4.30211	0.1224616	0.27734454	2.3287506	20	2 10.1	20.8
354554 2004 TL_{33}	17.8	X	355.92101	244.52822	223.56847	4.14081	0.1811578	0.26287150	2.4134616	20	—	—
354555 2004 TV_{36}	17.4	X	159.97446	307.43540	17.41584	2.62157	0.2253392	0.27362537	2.3498049	20	1 5.4	20.9
354556 2004 TN_{54}	18.1	X	76.92937	231.87261	188.26896	1.80384	0.1881751	0.26878614	2.3779249	20	1 18.8	20.3
354557 2004 TO_{59}	17.7	X	19.05804	293.28470	135.74999	1.71958	0.1709350	0.26250818	2.4156879	20	—	—
354558 2004 TK_{70}	17.6	X	19.53292	276.86022	157.62770	2.40133	0.3677608	0.26194879	2.4191258	20	—	—
354559 2004 TQ_{71}	17.3	X	52.51746	222.32924	202.90489	6.27644	0.1827993	0.26702283	2.3883820	20	—	—
354560 2004 TK_{72}	17.6	X	182.39487	266.76820	58.62153	1.52692	0.1450542	0.27688387	2.3313328	20	1 20.6	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354561 2004 TQ_{75}	17.2	X	220.96745	42.54496	261.49706	2.72008	0.2456745	0.28054524	2.3110044	20	1 28.1	21.2
354562 2004 TJ_{86}	18.0	X	43.34952	240.44492	189.03312	2.18966	0.1690789	0.26681182	2.3896411	20	—	—
354563 2004 TW_{90}	17.9	X	51.64951	151.29900	263.81670	1.65147	0.1931896	0.26491968	2.4010059	20	—	—
354564 2004 TU_{92}	17.0	X	45.92167	272.94536	208.32881	5.66544	0.0729220	0.27552078	2.3390157	20	2 5.7	19.6
354565 2004 TA_{98}	17.4	X	67.31970	234.20385	189.10335	6.22642	0.1142498	0.26944131	2.3740686	20	—	—
354566 2004 TG_{107}	17.5	X	126.66614	286.76026	72.28949	2.15947	0.2020860	0.27225711	2.3576711	20	1 11.4	20.6
354567 2004 TB_{110}	17.3	X	108.39676	261.13544	125.32387	7.01378	0.2251762	0.27096722	2.3651474	20	1 28.0	20.1
354568 2004 TK_{121}	17.5	X	88.76365	57.84689	343.84534	1.12443	0.1806372	0.26970406	2.3725264	20	1 12.4	19.7
354569 2004 TT_{133}	16.7	X	68.58847	0.59411	49.48381	11.57718	0.1867085	0.26598511	2.3945900	20	—	—
354570 2004 TA_{143}	17.9	X	193.80742	305.40221	28.55856	4.65644	0.2102344	0.28056117	2.3109170	20	2 14.2	21.7
354571 2004 TN_{150}	17.0	X	351.67380	209.80616	11.85164	8.14907	0.0803578	0.28670117	2.2778043	20	4 1.5	18.9
354572 2004 TJ_{181}	15.9	X	319.82966	230.92759	64.52123	2.68995	0.1360055	0.17204943	3.2016012	20	5 23.2	19.7
354573 2004 TS_{202}	17.5	X	126.06004	332.48216	19.22434	5.52833	0.1357118	0.26697131	2.3886892	20	—	—
354574 2004 TP_{275}	18.2	X	20.16690	6.65614	41.97098	1.79693	0.1896567	0.25724639	2.4485174	20	—	—
354575 2004 TN_{279}	17.8	X	96.45943	296.07918	80.01245	2.33013	0.2027360	0.27045954	2.3681062	20	—	—
354576 2004 TA_{342}	17.7	X	64.31145	354.79476	49.24848	3.37127	0.1855387	0.26508883	2.3999844	20	—	—
354577 2004 TW_{366}	17.8	X	60.17436	350.25109	35.76834	3.19168	0.2115636	0.26189930	2.4194305	20	—	—
354578 2004 TK_{367}	17.1	X	90.93452	308.81292	107.19671	4.85240	0.1424251	0.27241234	2.3567754	20	1 29.9	19.6
354579 2004 VJ_{6}	17.7	X	29.63050	343.97970	93.87199	2.96575	0.1938893	0.26211921	2.4180771	20	—	—
354580 2004 VX_{10}	16.6	X	300.73758	116.91606	274.20787	13.40363	0.2191520	0.24142251	2.5543724	20	8 19.3	19.4
354581 2004 VW_{18}	17.6	X	60.72744	123.82347	273.65718	1.69583	0.1734656	0.26341101	2.4101650	20	—	—
354582 2004 VT_{21}	17.7	X	108.55383	326.53235	62.12609	3.19982	0.2326530	0.27012871	2.3700394	20	2 2.5	20.5
354583 2004 VX_{32}	17.1	X	229.04103	247.84057	80.88398	6.91653	0.1902147	0.28300481	2.2975951	20	3 10.1	20.8
354584 2004 VP_{52}	17.3	X	145.98559	131.55846	212.36129	5.77754	0.1862057	0.27021979	2.3695067	20	1 10.5	20.8
354585 2004 VA_{59}	16.4	X	314.44475	348.87481	56.85611	16.17999	0.1296436	0.24425358	2.5345961	20	10 31.2	19.0
354586 2004 WY_{11}	17.2	X	77.58176	95.30345	282.97420	3.47919	0.2429674	0.26432196	2.4046243	20	—	—
354587 2004 XE_{12}	17.1	X	22.38401	33.86615	59.80278	5.36173	0.1578590	0.26069816	2.4268564	20	—	—
354588 2004 XU_{19}	17.2	X	3.30259	18.63357	53.18098	2.14402	0.1599247	0.25459063	2.4655157	20	—	—
354589 2004 XW_{24}	17.1	X	17.44484	321.93602	107.92009	3.39344	0.1872610	0.25628088	2.4546632	20	—	—
354590 2004 XW_{27}	17.2	X	299.30133	20.87027	61.18756	5.39535	0.1479086	0.24456493	2.5324444	20	11 19.2	19.5
354591 2004 XT_{51}	17.0	X	27.55023	205.05467	243.23853	5.34180	0.0573074	0.26230325	2.4169459	20	—	—
354592 2004 XS_{81}	16.3	X	211.40465	8.45770	94.65741	13.01237	0.1491513	0.22979431	2.6398335	20	8 16.0	20.5
354593 2004 XJ_{104}	17.6	X	21.57597	18.56456	58.18389	2.18822	0.1637180	0.25866210	2.4395751	20	—	—
354594 2004 YF_{8}	17.4	X	38.92238	319.36141	87.29787	2.69196	0.1654199	0.25921336	2.4361150	20	—	—
354595 2004 YE_{15}	17.7	X	348.00121	29.45534	84.43224	3.57360	0.1612209	0.25382118	2.4704960	20	—	—
354596 2004 YP_{29}	17.5	X	5.97779	238.75257	197.74197	2.53327	0.2000739	0.25458328	2.4655632	20	—	—
354597 2005 AG_{3}	17.5	X	265.47922	208.69244	306.72622	19.36385	0.0581214	0.37347727	1.9096771	20	—	—
354598 2005 AD_{20}	15.9	X	336.92979	98.44792	282.34990	11.27113	0.1998695	0.24002281	2.5642934	20	11 1.5	18.4
354599 2005 AM_{23}	16.5	X	274.49090	4.39533	109.80079	7.31459	0.2252691	0.23950225	2.5680077	20	11 9.4	19.2
354600 2005 AT_{38}	16.6	X	288.05724	282.39584	272.94051	6.47835	0.0670042	0.25551262	2.4595811	20	—	—
354601 2005 AN_{75}	17.3	X	24.22996	127.39097	307.77931	5.11112	0.0494254	0.25287315	2.4766667	20	—	—
354602 2005 AH_{81}	17.4	X	6.55274	20.79373	355.83938	19.32368	0.0786626	0.36754954	1.9301547	20	—	—
354603 2005 BU_{12}	17.8	X	33.37461	300.24766	120.58653	3.55871	0.1628544	0.25504471	2.4625884	20	—	—
354604 2005 CG_{8}	17.6	X	333.43062	172.90664	322.59925	5.31460	0.1633010	0.25341157	2.4731574	20	—	—
354605 2005 CA_{25}	16.3	X	178.84605	261.88545	285.83388	11.67161	0.1490572	0.23178013	2.6247337	20	10 21.2	20.7
354606 2005 CS_{25}	17.5	X	250.21010	5.37537	151.89881	23.74969	0.0410160	0.36907585	1.9248296	20	—	—
354607 2005 CT_{40}	17.7	X	196.07129	226.95676	24.11169	3.72508	0.0998378	0.24690959	2.5163869	20	—	—
354608 2005 CB_{74}	17.3	X	267.50502	215.85226	331.23872	9.46071	0.0836870	0.24644342	2.5195592	20	—	—
354609 2005 EW_{24}	16.7	X	290.21036	144.26207	358.74432	19.41441	0.0848790	0.37172912	1.9156596	20	—	—
354610 2005 EN_{33}	17.5	X	4.11288	51.78885	351.67392	18.28002	0.1206329	0.36922975	1.9242948	20	—	—
354611 2005 EC_{47}	17.0	X	253.55784	3.38204	173.29152	7.51668	0.1423356	0.24018507	2.5631384	20	—	—
354612 2005 EL_{51}	17.0	X	259.37453	163.48525	14.37927	9.32440	0.1665673	0.24076407	2.5590274	20	—	—
354613 2005 EE_{70}	16.2	X	272.31888	166.42550	19.45344	39.05550	0.2301360	0.24228539	2.5483040	20	—	—
354614 2005 EA_{79}	17.9	X	151.91801	285.65397	343.78719	19.33057	0.0729877	0.36751755	1.9302667	20	—	—
354615 2005 EY_{89}	16.7	X	217.05990	62.47233	147.99794	18.31984	0.1542859	0.24114897	2.5563037	20	—	—
354616 2005 EL_{93}	17.0	X	227.90676	48.41860	177.30282	6.94050	0.2605739	0.23971862	2.5664622	20	—	—
354617 2005 EV_{109}	17.4	X	226.93964	212.74618	346.77281	3.34849	0.1381509	0.24068184	2.5596102	20	—	—
354618 2005 EM_{125}	17.3	X	150.68399	60.92100	179.59646	2.25896	0.1504832	0.22927100	2.6438489	20	12 2.8	21.5
354619 2005 EZ_{126}	17.5	X	274.81809	242.37316	334.09831	4.68535	0.1602591	0.25302518	2.4756746	20	—	—
354620 2005 EO_{143}	18.1	X	284.31144	140.04819	14.45280	2.76315	0.1229417	0.24254556	2.5464813	20	—	—
354621 2005 EE_{144}	17.8	X	258.28069	176.30698	10.99924	3.41488	0.1621000	0.24219991	2.5489035	20	—	—
354622 2005 EN_{157}	17.4	X	322.01264	244.57730	180.54569	7.81300	0.0541116	0.23334155	2.6130115	20	12 4.3	20.7
354623 2005 EC_{175}	17.3	X	204.76234	31.52685	199.58132	6.10824	0.1144744	0.23893978	2.5720362	20	—	—
354624 2005 EL_{181}	17.0	X	204.17462	96.90478	159.57174	13.22820	0.3115961	0.23974978	2.5662398	20	—	—
354625 2005 EV_{184}	16.8	X	348.47744	82.01269	358.89050	11.31380	0.0361146	0.23792406	2.5793512	20	—	—
354626 2005 EY_{235}	15.4	X	297.49068	181.38058	26.70621	2.92253	0.1247718	0.12450224	3.9720795	20	1 15.8	20.9
354627 2005 EO_{250}	15.9	X	175.08359	117.49730	151.59914	30.26354	0.2315638	0.23206751	2.6225664	20	—	—
354628 2005 ET_{251}	17.0	X	318.24763	27.71574	28.25445	22.18746	0.1122296	0.36064782	1.9547018	20	—	—
354629 2005 EY_{311}	17.9	X	324.01150	91.80952	347.53137	11.76941	0.1694213	0.24120310	2.5559212	20	—	—
354630 2005 FR_{1}	16.9	X	261.85821	79.56263	117.41819	8.68799	0.1967112	0.24403408	2.5361157	20	—	—
354631 2005 GD_{24}	17.8	X	247.44544	155.33479	359.08332	1.31341	0.1304700	0.23535281	2.5981036	20	12 2.8	21.1
354632 2005 GJ_{43}	16.2	X	265.97258	165.51303	347.62788	14.14251	0.1378825	0.23712720	2.5851265	20	12 30.4	19.4
354633 2005 GD_{53}	16.4	X	169.35907	202.77771	37.43174	13.38106	0.1276299	0.22944120	2.6425413	20	12 19.2	20.6
354634 2005 GK_{53}	17.1	X	276.77522	103.48492	44.06728	4.77617	0.1196279	0.23495351	2.6010463	20	—	—
354635 2005 GA_{55}	17.2	X	12.39281	193.94522	198.36465	3.56585	0.1628658	0.23521961	2.5990843	20	—	—
354636 2005 GJ_{64}	16.2	X	199.45657	147.10723	121.63648	14.38919	0.1793745	0.24262200	2.5459465	20	—	—
354637 2005 GX_{64}	16.4	X	247.81312	61.77008	146.88900	15.13700	0.0459108	0.24360480	2.5390942	20	—	—
354638 2005 GT_{78}	16.6	X	195.94079	108.61260	128.78753	12.30208	0.1854898	0.23508605	2.6000687	20	—	—
354639 2005 GX_{90}	17.2	X	224.49395	161.08259	357.54825	6.58734	0.0862988	0.22934429	2.6432856	20	11 11.9	20.9
354640 2005 GC_{91}	16.8	X	125.56993	325.40974	321.92752	2.93878	0.0896755	0.23162516	2.6259043	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354641 2005 GP_{95}	17.1	X	257.08986	106.88617	65.60352	3.95033	0.1292608	0.23704850	2.5856986	20	—	—
354642 2005 GG_{102}	16.4	X	286.05817	36.20968	51.68714	12.90208	0.1629686	0.22801412	2.6535558	20	10 29.6	19.2
354643 2005 GP_{218}	18.0	X	270.35048	326.92424	180.90913	6.85636	0.1081093	0.23897585	2.5717774	20	—	—
354644 2005 HH_{8}	17.6	X	197.02188	137.11702	78.82974	25.08909	0.0635425	0.36332344	1.9450933	20	—	—
354645 2005 JO_{8}	17.0	X	154.29844	262.65729	35.04522	7.74727	0.1871826	0.23586539	2.5943381	20	—	—
354646 2005 JW_{20}	16.5	X	195.75122	124.72416	86.58285	15.17793	0.1135836	0.23048115	2.6345863	20	12 13.9	20.4
354647 2005 JD_{27}	16.9	X	15.72646	189.16375	134.49675	5.07452	0.2033671	0.21169902	2.7881972	20	10 25.8	20.1
354648 2005 JT_{30}	16.7	X	223.43042	355.40648	204.23418	6.60803	0.1466315	0.23358942	2.6111627	20	12 26.6	20.4
354649 2005 JJ_{44}	16.3	X	143.46597	206.21568	54.21207	10.26328	0.1193900	0.22687958	2.6623947	20	12 19.0	20.5
354650 2005 JR_{45}	16.2	X	295.55825	301.19348	133.47908	22.57643	0.0405485	0.22639347	2.6662045	20	11 14.7	20.2
354651 2005 JG_{100}	16.6	X	71.95568	207.54321	96.53993	10.51019	0.1617577	0.21891825	2.7265580	20	12 5.8	20.8
354652 2005 JY_{103}	16.6	X	256.74509	44.69104	50.02611	6.91362	0.0467251	0.22021772	2.7158214	20	10 10.3	20.2
354653 2005 JV_{129}	16.8	X	88.44979	234.83355	59.72727	12.36079	0.0624210	0.22368453	2.6876874	20	11 30.9	20.6
354654 2005 JB_{131}	16.6	X	350.60028	250.13732	110.39794	9.10334	0.0898069	0.21632342	2.7483183	20	10 23.7	20.0
354655 2005 JM_{147}	16.5	X	113.38682	118.75582	145.50597	13.79631	0.1185394	0.22011790	2.7166424	20	11 27.6	21.0
354656 2005 JX_{147}	16.8	X	199.03354	45.52453	181.27631	12.90904	0.1738852	0.23251448	2.6192043	20	12 29.3	21.0
354657 2005 JT_{157}	16.4	X	212.10753	350.93610	202.88756	6.41686	0.1871428	0.22953247	2.6418407	20	12 1.8	20.4
354658 2005 JV_{162}	17.2	X	217.19052	341.39533	214.80133	3.22439	0.1373407	0.23051073	2.6343610	20	12 15.9	21.0
354659 Boileau	16.4	X	99.16095	151.56309	120.35937	10.01440	0.1285704	0.21824551	2.7321582	20	11 22.7	20.7
354660 2005 LN_{9}	16.4	X	334.85360	240.40969	140.40508	6.87452	0.0522402	0.21555096	2.7548803	20	10 23.1	19.9
354661 2005 LV_{10}	16.8	X	6.06003	178.05895	156.63687	9.19194	0.1911777	0.21012643	2.8020911	20	10 22.5	19.9
354662 2005 LX_{17}	16.6	X	103.38907	141.59799	120.27100	5.16033	0.0613593	0.21898637	2.7259925	20	11 8.9	20.5
354663 2005 LY_{19}	16.3	X	304.06068	120.27475	338.42229	30.00703	0.2399421	0.48614351	1.6018667	20	—	—
354664 2005 LE_{23}	16.0	X	21.71001	358.59458	289.31311	10.14079	0.0823057	0.20194230	2.8772958	20	8 22.8	19.7
354665 2005 LQ_{47}	16.7	X	223.52891	67.60967	125.40800	11.23459	0.0798540	0.22942175	2.6426906	20	12 27.5	20.3
354666 2005 MD_{17}	16.4	X	285.99366	41.65071	289.44410	8.72102	0.1594330	0.18864006	3.0110185	20	5 14.9	20.7
354667 2005 MO_{17}	16.2	X	222.52044	229.13835	126.50038	8.42528	0.1947577	0.18008992	3.1055827	20	4 11.9	21.4
354668 2005 MA_{29}	15.4	X	348.07466	300.72702	283.16739	16.78682	0.0181701	0.18141215	3.0904743	20	4 3.4	20.0
354669 2005 NL_{6}	16.4	X	64.83261	164.46260	130.08916	7.77686	0.0312935	0.21000663	2.8031567	20	10 30.9	20.3
354670 2005 NX_{7}	16.8	X	246.84813	81.91485	270.54206	6.28794	0.1509751	0.18411070	3.0602016	20	4 28.2	21.6
354671 2005 NB_{17}	16.6	X	148.79148	296.00172	341.98361	12.33834	0.3320482	0.22370678	2.6875092	20	—	—
354672 2005 NT_{18}	16.8	X	300.56272	42.98284	279.34424	5.24619	0.1385937	0.19068220	2.9894820	20	5 28.3	20.7
354673 2005 NW_{49}	17.2	X	201.76193	14.58007	308.09442	5.88963	0.1705583	0.30368771	2.1920539	20	2 1.8	20.3
354674 2005 ND_{53}	16.0	X	263.68663	266.44070	129.39936	17.50199	0.0781470	0.19634392	2.9317330	20	7 23.6	20.0
354675 2005 NM_{56}	18.1	X	225.92297	270.09268	119.61972	3.80987	0.1315390	0.32039234	2.1151831	20	5 26.5	20.9
354676 2005 NH_{71}	16.3	X	276.51113	23.71916	315.66092	9.69541	0.1321310	0.18685143	3.0302033	20	5 16.7	20.8
354677 2005 NH_{72}	16.6	X	42.13777	162.05822	153.82042	6.60370	0.1338514	0.20876832	2.8142304	20	11 11.6	20.4
354678 2005 NB_{102}	16.4	X	122.56545	317.03565	306.62844	10.94129	0.1440379	0.21521961	2.7577072	20	12 1.3	21.0
354679 2005 OQ_{3}	16.1	X	77.63582	297.31120	343.22233	11.71801	0.1626532	0.21055800	2.7982609	20	11 6.1	20.6
354680 2005 OD_{9}	16.3	X	280.16538	63.73444	273.61574	8.43663	0.1123139	0.18855865	3.0118852	20	5 23.6	20.5
354681 2005 OP_{17}	15.6	X	189.18738	60.61135	311.77269	26.18079	0.2471118	0.17330155	3.1861612	20	3 17.6	21.6
354682 2005 OC_{27}	15.8	X	233.37959	48.34383	320.17420	16.00107	0.2371682	0.17981984	3.1086917	20	4 22.5	21.3
354683 2005 PM_{4}	16.5	X	190.87122	195.89619	60.03787	10.23168	0.4065928	0.23087820	2.6315650	20	—	—
354684 2005 PM_{9}	16.3	X	339.00101	203.66023	133.74319	5.08612	0.1055575	0.19742380	2.9210324	20	8 26.4	19.7
354685 2005 PB_{19}	16.0	X	212.52116	209.03627	166.09080	9.87993	0.2152729	0.17770996	3.1332487	20	4 24.6	21.4
354686 2005 PV_{23}	16.1	X	293.55290	24.66978	345.18434	10.48533	0.0595420	0.19311555	2.9643163	20	8 4.8	20.1
354687 2005 QK_{1}	15.8	X	220.07196	216.63848	152.82181	19.57534	0.2376632	0.17941305	3.1133888	20	4 25.7	21.4
354688 2005 QY_{11}	16.2	X	256.07130	22.09787	320.51011	17.90565	0.1630851	0.18264485	3.0765532	20	4 16.9	21.3
354689 2005 QV_{22}	16.0	X	183.69097	255.02836	167.06782	10.46303	0.1386247	0.17998145	3.1068304	20	5 27.1	21.2
354690 2005 QY_{35}	15.3	X	213.98517	31.96793	350.30619	16.72071	0.2197889	0.17703087	3.1412564	20	4 24.7	20.9
354691 2005 QS_{64}	15.9	X	282.25872	336.48943	358.41006	6.61377	0.2153881	0.18504235	3.0499212	20	5 6.7	20.3
354692 2005 QE_{86}	15.2	X	346.40779	273.45318	8.07003	11.33130	0.0771282	0.17896327	3.1186031	20	6 21.1	19.4
354693 2005 QR_{97}	15.8	X	178.39296	68.68664	349.82605	15.08162	0.1456381	0.17828193	3.1265436	20	5 10.3	21.2
354694 2005 QE_{101}	15.7	X	222.64793	112.94756	323.27681	11.05436	0.0533841	0.19032550	2.9932161	20	7 29.6	20.1
354695 2005 QR_{103}	16.1	X	247.66235	85.99511	318.00236	7.85760	0.0881870	0.18822333	3.0154612	20	7 13.3	20.4
354696 2005 QB_{117}	16.5	X	122.13600	275.00378	345.45198	6.85947	0.1859074	0.21207675	2.7848855	20	11 27.5	21.2
354697 2005 QN_{153}	15.7	X	189.33748	124.03883	243.80301	6.89461	0.2076649	0.17263122	3.1944039	20	3 24.4	21.2
354698 2005 QS_{175}	16.1	X	316.91637	325.07556	15.91143	9.70317	0.0854727	0.18983146	2.9984071	20	7 28.9	20.1
354699 2005 QV_{175}	15.8	X	262.17766	6.31651	10.55930	11.36955	0.1231754	0.18517707	3.0484418	20	6 19.7	20.4
354700 2005 QG_{188}	15.7	X	120.50647	113.95286	3.84094	18.65440	0.1566347	0.17452846	3.1712115	20	5 29.2	21.0
354701 2005 QV_{189}	16.7	X	326.22106	243.22067	108.93168	2.17324	0.1100643	0.19472032	2.9480072	20	8 24.2	20.1
354702 2005 QW_{189}	16.3	X	212.03728	192.99898	174.92312	9.62065	0.0945643	0.17585479	3.1552462	20	4 20.2	21.2
354703 2005 RS_{11}	15.7	X	213.18048	75.95150	352.18195	9.67196	0.0574892	0.18575288	3.0421387	20	7 7.6	20.3
354704 2005 RK_{22}	15.7	X	282.75802	10.22941	325.85329	11.97563	0.1659351	0.18329465	3.0692777	20	5 14.2	20.2
354705 2005 RC_{27}	15.7	X	182.46362	99.45181	306.93920	16.41321	0.2045551	0.17311797	3.1884134	20	4 29.1	21.5
354706 2005 RO_{29}	15.2	X	227.85398	116.26851	217.33837	25.33826	0.2620030	0.17492570	3.1664087	20	3 9.9	21.1
354707 2005 RJ_{34}	18.2	X	233.58412	158.22874	195.33282	2.06588	0.1954625	0.30949826	2.1645315	20	4 9.6	21.5
354708 2005 RG_{41}	16.1	X	315.90079	338.34363	338.53515	9.62698	0.1002094	0.18735528	3.0247682	20	6 19.5	20.2
354709 2005 RV_{45}	15.8	X	101.00425	351.04678	170.81691	16.92655	0.1214905	0.17787393	3.1313228	20	7 2.6	20.7
354710 2005 RP_{47}	16.0	X	146.96149	326.53037	165.68817	10.08350	0.0446886	0.18329819	3.0692383	20	7 9.9	20.7
354711 2005 SZ_{14}	15.9	X	191.03296	109.74325	351.12349	6.90595	0.0589231	0.18529284	3.0471720	20	7 23.7	20.4
354712 2005 SF_{18}	16.2	X	168.92320	279.48237	188.98825	13.67198	0.0877555	0.18180195	3.0860552	20	7 5.1	21.2
354713 2005 SG_{19}	16.6	X	210.25360	249.30686	13.04854	24.89320	0.5889948	0.23174454	2.6250024	20	—	—
354714 2005 SU_{19}	15.9	X	23.63826	353.77634	314.17760	7.68483	0.0695988	0.19739520	2.9213146	20	9 19.9	19.7
354715 2005 SY_{41}	15.7	X	28.22473	266.25785	356.40724	8.43300	0.0543967	0.18606739	3.0387097	20	7 31.7	19.8
354716 2005 SV_{49}	18.0	X	228.39523	345.02189	27.69633	4.32631	0.1169910	0.31047003	2.1600125	20	5 5.2	20.8
354717 2005 SN_{61}	16.1	X	156.48936	51.58917	25.34099	4.90838	0.1749221	0.17114199	3.2129083	20	5 18.6	21.4
354718 2005 SS_{100}	17.8	X	118.27484	222.08174	217.86169	7.35337	0.1600083	0.29993344	2.2103080	20	4 8.1	20.7
354719 2005 SY_{106}	15.9	X	264.08619	10.10823	319.12245	15.72598	0.2102972	0.18082479	3.0971630	20	4 4.8	21.0
354720 2005 SY_{116}	15.7	X	306.48890	155.82127	180.40101	11.58867	0.0709963	0.18848319	3.0126890	20	7 3.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354721 2005 SU_{122}	15.8	X	245.52641	86.25585	277.79446	16.89698	0.1199272	0.18055992	3.1001912	20	5 14.1	20.7
354722 2005 SC_{145}	16.7	X	333.26719	165.04509	163.30415	6.46356	0.0899322	0.18957817	3.0010772	20	8 1.9	20.4
354723 2005 SQ_{145}	15.8	X	175.23815	52.43487	25.37245	10.42736	0.0704825	0.17784986	3.1316054	20	6 3.0	20.6
354724 2005 SX_{155}	16.2	X	142.27568	114.29443	7.95589	9.29787	0.0220839	0.17962643	3.1109227	20	6 20.6	20.8
354725 2005 SZ_{161}	16.3	X	262.06256	35.45957	347.48281	4.02624	0.1260109	0.18378572	3.0638080	20	6 27.6	20.8
354726 2005 SQ_{166}	14.9	X	166.46522	13.19403	42.91738	23.63880	0.1976336	0.17090475	3.2158810	20	5 3.7	20.2
354727 2005 SZ_{170}	16.3	X	167.43004	83.82909	354.74301	9.68647	0.0947416	0.17609926	3.1523253	20	5 26.7	21.3
354728 2005 SX_{192}	15.2	X	264.35722	339.70440	17.63836	14.87878	0.0838603	0.17877969	3.1207376	20	5 30.7	19.9
354729 2005 SE_{193}	17.2	X	151.36893	8.29989	48.19434	9.15151	0.1813323	0.29952973	2.2122936	20	4 18.1	20.5
354730 2005 SA_{194}	15.7	X	72.33870	155.03755	16.33133	9.22129	0.0208540	0.17434441	3.1734430	20	5 24.0	20.2
354731 2005 SR_{195}	16.3	X	175.72939	47.36885	9.25916	11.42569	0.0741650	0.17515528	3.1636412	20	5 6.9	21.2
354732 2005 SK_{219}	17.7	X	220.14442	239.42115	125.99445	8.70330	0.2202548	0.30696035	2.1764458	20	4 15.7	21.3
354733 2005 SB_{229}	15.9	X	93.81032	295.11083	186.61759	10.04764	0.1391401	0.17073494	3.2180129	20	5 9.5	20.6
354734 2005 SO_{230}	15.4	X	103.00078	331.49558	194.88246	27.16040	0.1074117	0.18092133	3.0960612	20	7 5.9	20.5
354735 2005 SE_{232}	18.3	X	166.50034	45.11059	15.09882	0.84712	0.1323242	0.30487659	2.1863515	20	5 3.3	21.2
354736 2005 SW_{254}	15.6	X	274.36171	6.97215	338.63273	8.97396	0.1034423	0.18401080	3.0613090	20	5 26.8	20.1
354737 2005 SQ_{279}	16.8	X	224.39530	266.11479	105.39160	2.28281	0.1934788	0.17583189	3.1555201	20	4 29.6	22.0
354738 2005 SV_{287}	15.9	X	105.08793	33.81837	92.49785	13.79084	0.0922009	0.16934171	3.2356392	20	5 23.2	20.7
354739 2005 SQ_{288}	16.6	X	125.77484	28.90080	86.70563	11.03971	0.0672680	0.17281948	3.1920835	20	5 29.2	21.3
354740 2005 TA_{2}	15.8	X	184.32172	55.47214	0.38757	10.85415	0.0681523	0.17653177	3.1471743	20	5 15.0	20.7
354741 2005 TA_{16}	16.3	X	122.86383	186.76799	357.65221	9.62485	0.0325317	0.18984482	2.9982664	20	8 20.2	20.6
354742 2005 TZ_{65}	15.6	X	302.95528	327.74310	333.29155	9.61289	0.1092681	0.17971367	3.1099158	20	5 4.8	19.9
354743 2005 TU_{68}	16.0	X	9.81740	342.15037	14.82003	12.65529	0.0485350	0.20188452	2.8778448	20	11 1.6	19.9
354744 2005 TT_{79}	15.8	X	223.28993	105.71185	239.14315	7.39591	0.2496474	0.17425338	3.1745481	20	3 22.5	21.3
354745 2005 TV_{82}	17.8	X	238.57910	44.18523	312.84043	3.58476	0.0965226	0.31076628	2.1586395	20	4 25.9	20.6
354746 2005 TM_{90}	16.0	X	77.42497	170.27071	35.04313	11.07131	0.0751801	0.18609451	3.0384144	20	7 27.7	20.4
354747 2005 TO_{100}	15.8	X	341.06358	62.02435	253.63632	6.30226	0.1198573	0.18779073	3.0200905	20	7 26.5	19.4
354748 2005 TW_{104}	17.8	X	151.44232	111.96176	273.29567	2.99226	0.1801002	0.29744352	2.2226259	20	3 4.6	21.0
354749 2005 TR_{123}	16.7	X	154.87999	78.98587	18.23329	4.27926	0.1459522	0.17468765	3.1692847	20	6 9.8	21.9
354750 2005 TB_{148}	16.3	X	20.81554	202.93428	59.49208	6.29012	0.1250240	0.18604079	3.0389993	20	7 26.3	20.0
354751 2005 TU_{148}	16.6	X	124.52800	295.65107	179.89171	9.40439	0.0300374	0.17456065	3.1708217	20	5 23.9	21.2
354752 2005 TU_{156}	16.0	X	33.84777	43.82933	226.23069	7.92777	0.0624738	0.18894467	3.0077815	20	8 13.6	20.1
354753 2005 TO_{157}	16.1	X	160.53538	112.18142	12.11105	8.50286	0.0654533	0.18162295	3.0880825	20	7 19.3	20.9
354754 2005 TQ_{159}	15.9	X	161.39611	192.00025	254.16327	4.85443	0.1097071	0.17386935	3.1792208	20	6 1.6	20.7
354755 2005 TV_{163}	15.6	X	87.45141	172.44404	13.23699	10.11407	0.0377429	0.17955507	3.1117469	20	7 7.2	20.1
354756 2005 TL_{177}	15.6	X	210.54585	144.78670	242.38850	9.98012	0.0926994	0.17597799	3.1537734	20	5 9.7	20.5
354757 2005 TE_{196}	16.0	X	25.90691	270.68645	13.20276	9.37675	0.0908024	0.18922483	3.0048120	20	8 30.8	19.9
354758 2005 UB_{8}	15.5	X	320.49713	95.32485	226.38153	10.65106	0.0980957	0.18261814	3.0768532	20	7 1.6	19.5
354759 2005 UC_{50}	17.6	X	143.77471	55.82083	16.17913	5.29192	0.1654626	0.30197423	2.2003383	20	4 26.7	20.7
354760 2005 UG_{54}	18.3	X	284.13645	189.14238	146.93067	2.02253	0.1188088	0.31408492	2.1434071	20	5 26.7	20.5
354761 2005 UO_{57}	15.8	X	182.27414	29.75028	29.84937	6.49917	0.1757228	0.17231071	3.1983638	20	5 19.8	21.2
354762 2005 UW_{67}	17.8	X	163.80735	267.01566	122.05093	3.67726	0.2072798	0.30012711	2.2093570	20	3 26.5	21.2
354763 2005 UA_{69}	17.3	X	238.68486	103.46521	229.04463	5.40494	0.1241905	0.30577659	2.1820594	20	3 20.6	20.5
354764 2005 UQ_{69}	18.0	X	204.14368	160.81273	224.52232	3.62187	0.1630370	0.30682504	2.1770857	20	4 24.6	21.2
354765 2005 UZ_{69}	15.1	X	120.58146	249.88646	249.42851	14.92342	0.1816031	0.17390954	3.1787310	20	6 30.1	20.2
354766 2005 UP_{72}	17.7	X	215.83926	326.23720	38.11603	7.18312	0.1342818	0.30535651	2.1840602	20	4 10.9	20.9
354767 2005 UE_{81}	17.9	X	170.42766	49.29027	334.44509	5.66050	0.1712662	0.30041744	2.2079333	20	3 20.4	21.3
354768 2005 UR_{84}	15.6	X	349.77494	100.76650	209.78186	12.40524	0.1064318	0.18626445	3.0365660	20	8 1.2	19.5
354769 2005 UJ_{92}	15.3	X	321.39568	57.85975	240.05753	14.96563	0.0988863	0.17736383	3.1373238	20	6 2.4	19.2
354770 2005 US_{92}	16.1	X	332.16303	293.75794	4.90138	5.12252	0.1298226	0.18017726	3.1045791	20	6 17.6	19.9
354771 2005 UE_{94}	16.0	X	251.43408	320.61070	13.15462	6.34275	0.1498299	0.17226604	3.1989167	20	4 12.0	20.8
354772 2005 UX_{109}	18.0	X	104.95408	122.89275	325.04265	2.39316	0.1145843	0.29548157	2.2324536	20	3 26.4	20.5
354773 2005 UV_{112}	18.4	X	181.62353	88.65714	286.99211	1.74584	0.2108581	0.30039373	2.2080495	20	3 22.5	21.8
354774 2005 US_{117}	18.5	X	119.98415	164.77284	321.54537	1.45988	0.0792593	0.30768669	2.1730192	20	6 5.8	21.1
354775 2005 UB_{123}	16.5	X	29.98749	226.01386	45.61504	0.92719	0.1134801	0.18572616	3.0424305	20	8 19.9	20.1
354776 2005 UK_{125}	15.7	X	53.40700	173.32920	43.57375	14.43123	0.1407963	0.17612008	3.1520769	20	7 18.8	20.1
354777 2005 US_{142}	18.0	X	186.61530	166.32145	227.14183	3.18420	0.1355752	0.30384720	2.1912868	20	4 17.9	21.2
354778 2005 UA_{155}	18.5	X	124.64907	183.39564	244.94674	1.16182	0.1278520	0.29652959	2.2271905	20	3 27.3	21.3
354779 2005 UW_{156}	15.9	X	287.64621	112.43479	227.50808	8.33446	0.1157274	0.17973207	3.1097036	20	6 6.4	20.2
354780 2005 UO_{165}	16.4	X	19.42978	39.81736	217.77542	2.17765	0.0146446	0.17956285	3.1116570	20	7 5.9	20.7
354781 2005 UH_{170}	16.5	X	265.17079	79.81336	241.18322	6.63096	0.0498815	0.16981339	3.2296448	20	4 23.3	21.1
354782 2005 UO_{181}	17.9	X	144.00135	194.51251	204.00163	4.06310	0.1046865	0.29552494	2.2322352	20	3 6.5	20.8
354783 2005 UP_{202}	16.2	X	256.83731	291.92839	84.80753	3.05461	0.0614089	0.17804216	3.1293500	20	6 21.8	20.5
354784 2005 UO_{220}	17.5	X	180.77383	46.23036	6.75663	5.46760	0.0820295	0.30641184	2.1790424	20	5 6.4	20.4
354785 2005 UV_{252}	15.3	X	223.10941	138.22753	243.97971	9.14974	0.0951799	0.17291880	3.1908611	20	5 16.9	20.2
354786 2005 UY_{254}	15.8	X	220.97160	27.94626	352.63726	15.75409	0.0882462	0.17618206	3.1513375	20	5 7.1	20.9
354787 2005 UG_{259}	15.7	X	72.97484	349.89816	209.89652	9.84052	0.0603574	0.17747327	3.1360339	20	7 6.8	20.2
354788 2005 UR_{260}	17.8	X	108.63472	280.38574	180.46139	2.27247	0.1140627	0.29930189	2.2134161	20	4 20.3	20.5
354789 2005 UJ_{277}	18.1	X	182.98722	214.27817	221.83394	2.05685	0.0305635	0.31076837	2.1586298	20	6 13.9	20.5
354790 2005 UX_{299}	16.0	X	316.47481	238.90019	51.56075	12.32279	0.0358797	0.17248639	3.1961917	20	5 22.7	20.3
354791 2005 UK_{314}	15.2	X	306.37601	255.41331	65.19545	12.50321	0.1707590	0.18248996	3.0782938	20	5 30.1	19.2
354792 2005 UZ_{321}	17.7	X	39.79327	321.92808	266.70977	3.33968	0.0583694	0.31008792	2.1617866	20	7 7.2	19.8
354793 2005 UK_{446}	15.5	X	313.80051	311.38483	358.32952	11.75892	0.0946831	0.17981722	3.1087218	20	6 4.9	19.8
354794 2005 UJ_{473}	17.9	X	138.36975	144.44703	250.92023	5.43913	0.1971865	0.29420247	2.2389197	20	3 4.9	21.1
354795 2005 UH_{486}	16.0	X	216.24321	79.33980	325.48316	10.05902	0.1002941	0.17828836	3.1264685	20	6 5.4	21.0
354796 2005 UY_{516}	16.6	X	142.22133	265.56769	164.60016	7.31124	0.1048062	0.16931864	3.2359332	20	4 25.8	21.6
354797 2005 UX_{517}	16.4	X	344.29621	129.74501	123.30584	9.91652	0.0438666	0.17392637	3.1785260	20	5 16.4	20.8
354798 2005 UN_{518}	15.5	X	56.59704	40.91055	124.43279	8.28330	0.0322615	0.17010844	3.2259092	20	5 3.1	20.0
354799 2005 UY_{519}	17.0	X	130.60856	18.76240	142.40657	2.61943	0.1315029	0.18490892	3.0513882	20	8 3.9	21.7
354800 2005 UF_{520}	16.3	X	311.12988	198.77441	139.38867	4.60767	0.1721897	0.18730635	3.0252949	20	6 30.8	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354801 2005 UH_{524}	16.2	X	336.19524	127.32213	137.59952	11.11613	0.1260340	0.17519237	3.1631947	20	5 14.2	20.3
354802 2005 UB_{525}	15.9	X	239.44473	191.58043	149.74986	13.20912	0.1191479	0.17226879	3.1988826	20	4 16.6	21.0
354803 2005 VZ_{25}	16.1	X	334.15589	290.54934	352.63566	5.53993	0.1105084	0.17838632	3.1253238	20	5 31.6	20.0
354804 2005 VJ_{81}	17.4	X	88.12847	27.31341	62.09274	6.73018	0.1660546	0.29138350	2.2533366	20	3 17.9	19.8
354805 2005 VM_{95}	18.2	X	119.57898	8.44167	99.45280	2.99066	0.0992676	0.30070001	2.2065499	20	5 13.1	20.8
354806 2005 VA_{101}	15.8	X	17.37453	186.70064	34.68146	17.79659	0.1013687	0.17317981	3.1876543	20	5 17.8	19.9
354807 2005 VQ_{120}	14.6	X	262.09756	41.92318	264.56094	26.02250	0.1613502	0.17169136	3.2060510	20	3 7.3	20.1
354808 2005 VU_{120}	15.8	X	245.35504	37.86455	325.20087	15.86231	0.2491733	0.17648094	3.1477786	20	4 25.4	21.3
354809 2005 VT_{131}	16.1	X	69.25263	59.57957	164.01010	9.92249	0.1236111	0.18510323	3.0492525	20	8 12.1	20.4
354810 2005 VY_{132}	16.0	X	258.80506	213.53366	160.26174	11.40165	0.0962478	0.17966069	3.1105272	20	6 16.5	20.7
354811 2005 WT_{6}	18.2	X	114.43253	33.56374	37.40003	1.17408	0.1783973	0.29504354	2.2346627	20	3 26.4	20.9
354812 2005 WQ_{20}	17.7	X	216.15265	345.03463	354.29171	2.48752	0.2291128	0.30108169	2.2046847	20	3 6.6	21.3
354813 2005 WC_{21}	17.6	X	336.78404	8.32362	259.48288	5.79298	0.1051289	0.30647280	2.1787535	20	5 12.2	19.4
354814 2005 WL_{25}	18.1	X	50.94118	131.39265	20.71125	2.63998	0.0743262	0.29565036	2.2316039	20	3 30.7	20.3
354815 2005 WK_{28}	15.6	X	24.50464	350.71313	254.99575	10.34892	0.1046653	0.17363585	3.1820704	20	7 3.9	19.6
354816 2005 WA_{30}	15.7	X	23.54568	245.38261	270.43818	8.39930	0.0290622	0.15557005	3.4238815	20	3 2.9	20.5
354817 2005 WF_{76}	15.6	X	316.13225	36.44189	261.49155	7.25185	0.1266884	0.17258012	3.1950344	20	5 21.3	19.6
354818 2005 WP_{78}	17.5	X	16.15362	277.08369	265.83152	6.27636	0.0708560	0.29336712	2.2431678	20	3 12.2	19.8
354819 2005 WL_{89}	17.2	X	94.17756	45.30525	68.05328	8.56130	0.1654080	0.29551325	2.2322941	20	4 28.8	19.9
354820 2005 WR_{97}	17.4	X	285.82264	248.45819	67.13620	5.26691	0.2566548	0.30966826	2.1637392	20	4 8.4	20.2
354821 2005 WG_{102}	17.7	X	110.43371	12.23171	86.57434	5.04958	0.1290837	0.29636453	2.2280173	20	4 23.9	20.4
354822 2005 WS_{103}	16.9	X	64.97228	17.87062	83.95609	25.86994	0.1910221	0.28930094	2.2641376	20	3 11.5	19.7
354823 2005 WM_{119}	17.1	X	85.66775	182.62378	263.84281	7.81830	0.1874056	0.28958471	2.2626582	20	3 4.5	19.6
354824 2005 WK_{135}	17.7	X	157.96288	120.93900	278.45320	6.18662	0.1035944	0.29204053	2.2499557	20	3 21.9	21.0
354825 2005 WK_{159}	16.1	X	137.53162	253.12532	123.88113	14.74897	0.3215393	0.15766852	3.3934339	20	3 9.1	22.0
354826 2005 WE_{175}	17.7	X	220.07094	89.35975	277.98486	5.77965	0.1356729	0.30135786	2.2033375	20	4 15.5	21.0
354827 2005 WN_{197}	17.4	X	29.02487	313.48966	278.44361	4.55457	0.0643973	0.30667147	2.1778124	20	6 24.6	19.4
354828 2005 XG_{2}	15.7	X	295.67646	259.41570	53.61809	14.43727	0.2102113	0.17989378	3.1078397	20	4 30.9	20.0
354829 2005 XV_{15}	16.3	X	33.61406	0.60463	234.78614	1.69918	0.0625893	0.17291326	3.1909293	20	6 30.6	20.4
354830 2005 XG_{20}	17.9	X	133.42750	21.52582	32.44017	5.22515	0.1743209	0.29463843	2.2367106	20	3 26.1	20.9
354831 2005 XP_{24}	18.0	X	134.46283	337.76680	70.16771	2.84961	0.2213389	0.29249603	2.2476192	20	3 24.5	21.2
354832 2005 XX_{35}	17.4	X	115.91024	344.95840	82.19188	5.08486	0.1320322	0.29238879	2.2481688	20	3 19.1	20.2
354833 2005 XE_{45}	18.2	X	175.84028	23.00405	22.48525	3.30690	0.1246495	0.30091685	2.2054897	20	4 22.9	21.2
354834 2005 XQ_{79}	17.4	X	25.76428	344.75823	146.32934	3.97354	0.1720857	0.27580238	2.3374234	20	1 14.3	19.1
354835 2005 YB	18.0	X	139.53254	105.56573	275.65534	2.58087	0.1696293	0.28889496	2.2662583	20	2 16.1	21.1
354836 2005 YV_{4}	17.8	X	122.82856	59.29809	331.87482	2.41005	0.1859679	0.28926003	2.2643511	20	2 13.2	20.5
354837 2005 YE_{16}	17.3	X	7.47422	318.01234	288.26933	6.09993	0.1430406	0.29725950	2.2235431	20	6 11.7	18.8
354838 2005 YO_{19}	18.0	X	176.09523	296.11705	78.89165	2.92783	0.1753839	0.29545408	2.2325921	20	3 18.3	21.4
354839 2005 YD_{28}	15.7	X	236.94742	15.15706	313.06904	8.63846	0.0667475	0.15505767	3.4314200	20	3 26.9	20.9
354840 2005 YK_{48}	17.8	X	117.65033	148.57470	291.56172	1.73806	0.0828821	0.29050081	2.2578989	20	3 28.2	20.6
354841 2005 YR_{52}	17.9	X	32.63075	301.63200	243.95638	2.85058	0.1219933	0.29114573	2.2545633	20	4 22.3	19.6
354842 2005 YY_{95}	15.0	X	196.96859	62.26470	305.45210	18.44644	0.0441893	0.15475425	3.4359037	20	3 25.6	20.4
354843 2005 YE_{110}	17.7	X	55.55534	33.91312	125.41476	5.61977	0.0993775	0.29228717	2.2486898	20	4 25.2	20.0
354844 2005 YA_{120}	18.3	X	120.80878	258.92294	122.71180	3.80852	0.1804584	0.28403392	2.2920420	20	1 28.8	21.1
354845 2005 YL_{126}	17.4	X	114.45767	111.15864	310.41346	4.83647	0.1514848	0.28906208	2.2653847	20	3 7.8	20.2
354846 2005 YU_{130}	17.8	X	72.00697	193.13913	304.23797	3.28139	0.0926570	0.29022272	2.2593410	20	4 13.7	20.2
354847 2005 YM_{132}	17.9	X	144.45058	255.72050	121.47303	5.71241	0.2084411	0.28654694	2.2786215	20	2 22.8	21.1
354848 2005 YZ_{132}	17.7	X	42.30301	217.47832	313.26093	4.67407	0.1287494	0.29221632	2.2490532	20	4 16.4	19.7
354849 2005 YJ_{134}	17.9	X	137.75729	10.55449	40.18624	4.30893	0.1954870	0.29258549	2.2471610	20	3 28.8	21.1
354850 2005 YY_{148}	17.9	X	94.38811	5.70652	70.11124	5.23175	0.1526614	0.28676038	2.2774908	20	3 5.2	20.4
354851 2005 YV_{149}	17.9	X	118.26066	19.80322	32.57953	2.71415	0.1247980	0.28708067	2.2757965	20	2 28.5	20.7
354852 2005 YA_{172}	16.7	X	123.15706	314.92047	90.40961	24.95424	0.2289442	0.28845968	2.2685376	20	3 22.9	20.6
354853 2005 YD_{191}	17.8	X	144.07623	74.11767	322.96634	2.44631	0.2017013	0.29007499	2.2601080	20	3 15.9	21.1
354854 2005 YX_{199}	17.5	X	135.16218	65.05598	321.66133	6.18925	0.1821578	0.28836640	2.2690267	20	2 20.4	20.7
354855 2005 YY_{202}	18.2	X	3.21444	272.99435	280.85039	4.79847	0.0860210	0.28961001	2.2625265	20	3 6.8	20.5
354856 2005 YU_{203}	18.3	X	59.55836	20.86588	114.47017	2.74051	0.0777485	0.28887580	2.2663585	20	3 22.4	20.5
354857 2005 YH_{208}	17.4	X	119.63867	324.37920	65.21627	5.97673	0.2475129	0.28615650	2.2806938	20	2 18.9	20.5
354858 2005 YK_{217}	17.2	X	82.74713	349.15466	121.20485	8.24925	0.1560356	0.28945830	2.2633169	20	4 8.2	19.8
354859 2005 YR_{220}	16.7	X	56.85883	342.45843	140.02841	25.24360	0.2327766	0.28548488	2.2842693	20	3 26.3	19.0
354860 2005 YX_{234}	15.6	X	190.00564	61.04108	299.50430	7.71096	0.0626873	0.15384320	3.4494553	20	3 16.4	20.9
354861 2005 YC_{266}	17.0	X	311.27436	359.29390	246.79544	3.64757	0.1032242	0.28804697	2.2707039	20	2 26.3	19.7
354862 2006 AJ_{20}	17.3	X	99.99008	106.29032	343.60528	6.33851	0.1253810	0.28919421	2.2646947	20	3 23.9	19.8
354863 2006 AL_{23}	18.1	X	107.38397	90.67775	300.26860	4.19874	0.2105393	0.28255010	2.3000595	20	1 28.2	20.7
354864 2006 AU_{39}	18.0	X	322.97002	103.91833	107.89802	1.72471	0.1818320	0.28151397	2.3056997	20	1 16.8	20.6
354865 2006 AN_{47}	17.6	X	32.56307	247.19048	282.98213	4.65174	0.2111878	0.28663867	2.2781354	20	4 2.2	19.0
354866 2006 AR_{55}	17.5	X	302.36954	136.49070	123.47190	11.27972	0.1579861	0.28898459	2.2657897	20	2 29.2	20.3
354867 2006 AB_{80}	17.5	X	123.11290	31.29311	324.86645	4.76991	0.2473195	0.27771136	2.3266995	20	1 9.2	20.5
354868 2006 AO_{105}	18.2	X	102.94153	105.49652	286.69228	5.00495	0.1859899	0.28067187	2.3103093	20	1 19.6	20.7
354869 2006 BF_{5}	17.7	X	51.01141	28.00845	122.39065	5.48052	0.0863744	0.28901198	2.2656465	20	4 2.1	20.0
354870 2006 BJ_{11}	16.9	X	352.31242	265.34092	323.11939	6.71854	0.1905695	0.28589042	2.2821086	20	3 29.0	18.8
354871 2006 BT_{23}	18.2	X	49.28741	313.78798	162.13429	4.86772	0.1760748	0.28290198	2.2981518	20	2 11.1	19.7
354872 2006 BU_{39}	17.8	X	51.73011	337.22588	149.06318	9.52446	0.1574552	0.28487366	2.2875356	20	3 3.8	19.5
354873 2006 BX_{42}	17.5	X	97.82484	330.15188	114.02914	9.47116	0.0841555	0.28564061	2.2834390	20	3 12.1	20.3
354874 2006 BB_{43}	17.2	X	346.08228	94.50327	109.27362	6.75299	0.1803977	0.28198924	2.3031083	20	2 13.2	19.2
354875 2006 BX_{53}	17.5	X	354.46990	231.24160	341.48509	3.55518	0.1055536	0.28367738	2.2939621	20	3 21.0	19.8
354876 2006 BG_{55}	18.4	X	246.02717	167.64353	140.91522	12.45256	0.5983799	0.55280237	1.4703570	20	1 28.1	21.4
354877 2006 BO_{63}	18.4	X	291.30578	93.34048	138.47115	2.62833	0.1761204	0.27739162	2.3284870	20	1 6.2	21.6
354878 2006 BW_{72}	17.8	X	7.71398	188.64535	12.76007	3.87809	0.0842111	0.28729202	2.2746801	20	3 30.1	20.0
354879 2006 BG_{76}	18.0	X	288.25255	159.81529	95.51761	4.11538	0.1329555	0.28163057	2.3050633	20	2 8.1	21.1
354880 2006 BO_{77}	18.1	X	354.48396	67.57686	98.49531	6.75426	0.0501939	0.27891748	2.3199871	20	1 21.4	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354881 2006 BO_{90}	17.6	X	346.47149	181.49323	331.46720	5.42163	0.1630693	0.27345685	2.3507702	20	—	—
354882 2006 BS_{106}	18.0	X	84.25256	114.43893	322.48919	6.46386	0.1523235	0.28352866	2.2947642	20	2 16.7	20.3
354883 2006 BE_{116}	17.7	X	28.43187	0.96482	164.74156	3.11389	0.1466881	0.28360635	2.2943451	20	3 15.5	19.3
354884 2006 BZ_{116}	17.8	X	323.39371	274.03606	315.04231	1.72355	0.1798189	0.28026350	2.3125530	20	2 10.7	20.5
354885 2006 BV_{138}	17.7	X	353.12038	250.75906	312.15409	3.08824	0.1664495	0.28168886	2.3047453	20	2 25.2	19.6
354886 2006 BG_{143}	18.6	X	48.76159	47.83481	105.74100	1.69551	0.1463402	0.28690093	2.2767469	20	4 8.5	20.5
354887 2006 BC_{147}	16.9	X	353.33612	106.71171	123.81783	5.74253	0.1544575	0.28759153	2.2731006	20	4 15.4	18.7
354888 2006 BR_{165}	17.4	X	356.14744	225.71546	334.04950	6.29535	0.0556922	0.28361054	2.2943226	20	3 8.8	19.9
354889 2006 BZ_{178}	17.8	X	63.05948	171.21681	326.47569	5.86227	0.1506457	0.28842945	2.2686960	20	4 7.2	20.0
354890 2006 BS_{186}	18.3	X	10.56360	35.34655	126.62966	3.30508	0.1261706	0.27887453	2.3202253	20	2 2.9	20.2
354891 2006 BZ_{193}	17.2	X	324.52329	102.05106	161.60112	6.01783	0.1454586	0.28928103	2.2642415	20	4 10.2	19.5
354892 2006 BN_{204}	18.2	X	87.68212	88.47417	339.33456	3.68787	0.1462637	0.28112924	2.3078028	20	2 9.5	20.6
354893 2006 BJ_{213}	17.6	X	44.41809	164.27412	347.67381	8.40293	0.1652301	0.28684429	2.2770466	20	3 26.7	19.4
354894 2006 BP_{233}	17.3	X	122.01258	286.37491	111.98905	6.26459	0.1692092	0.28405797	2.2919126	20	2 21.7	20.2
354895 2006 BD_{241}	16.9	X	1.76347	245.18665	335.18128	7.38923	0.1771241	0.28740901	2.2740628	20	4 8.2	18.7
354896 2006 BJ_{254}	17.4	X	282.14208	305.17110	312.11734	4.59419	0.2184705	0.27756788	2.3275012	20	1 24.8	20.7
354897 2006 BZ_{262}	17.8	X	62.72665	124.21206	349.95324	4.91329	0.1217438	0.28167911	2.3047985	20	3 1.8	20.1
354898 2006 BP_{267}	17.1	X	355.00492	191.94163	347.65462	5.93308	0.0953716	0.28017512	2.3130393	20	2 5.8	19.4
354899 2006 BK_{268}	16.3	X	303.69649	356.01842	74.31565	15.31108	0.0701578	0.25387072	2.4701745	20	11 19.9	19.1
354900 2006 BX_{269}	16.6	X	39.81920	172.16558	351.05625	24.09914	0.1188013	0.28455692	2.2892327	20	3 25.4	18.9
354901 2006 BK_{275}	18.1	X	280.69826	255.46160	326.44704	2.19377	0.1583480	0.27009886	2.3702140	20	—	—
354902 2006 BZ_{281}	18.6	X	42.09072	123.36438	357.75898	2.50972	0.1262691	0.28089750	2.3090719	20	2 2.9	20.4
354903 2006 BT_{282}	18.1	X	77.43376	243.58659	156.76576	1.19617	0.1815149	0.27243284	2.3566572	20	—	—
354904 2006 CX_{28}	17.0	X	48.80463	211.34286	306.32620	6.64301	0.0604989	0.28775739	2.2722271	20	3 30.3	19.6
354905 2006 CH_{38}	17.6	X	322.70866	65.51416	168.45327	6.12875	0.1287655	0.28145600	2.3060163	20	2 24.2	20.1
354906 2006 CL_{40}	17.3	X	107.08418	34.07485	6.16479	6.91208	0.2024265	0.27753441	2.3276883	20	2 11.8	20.1
354907 2006 CW_{42}	17.2	X	26.86214	330.68336	190.28126	4.61811	0.1560545	0.28140035	2.3063203	20	3 3.2	18.8
354908 2006 CE_{62}	16.5	X	336.14308	225.94948	348.48869	7.95936	0.1497254	0.27826156	2.3236314	20	2 17.3	18.9
354909 2006 DN_{3}	17.2	X	321.70053	39.32366	154.24971	10.80495	0.1570994	0.27440634	2.3453444	20	—	—
354910 2006 DE_{11}	16.8	X	315.77629	49.10571	150.47371	20.56205	0.1683819	0.27334048	2.3514373	20	—	—
354911 2006 DC_{28}	17.4	X	294.90927	246.13014	1.15817	3.43517	0.1566763	0.27577727	2.3375652	20	2 3.1	20.4
354912 2006 DX_{29}	17.9	X	58.36384	90.82740	349.35344	3.11289	0.2433780	0.27590266	2.3368570	20	1 16.3	19.2
354913 2006 DZ_{30}	17.2	X	205.38393	111.96483	171.76620	7.06078	0.1111311	0.26626993	2.3928821	20	—	—
354914 2006 DC_{32}	16.9	X	242.95401	294.16256	343.84211	6.34014	0.1082447	0.27289681	2.3539853	20	1 22.5	20.3
354915 2006 DJ_{37}	17.5	X	70.24479	90.18453	350.93048	6.13218	0.0828042	0.27379796	2.3488173	20	1 24.5	20.0
354916 2006 DJ_{43}	18.0	X	94.12146	58.97077	349.45032	5.67482	0.0534699	0.27453954	2.3445857	20	1 10.9	20.8
354917 2006 DN_{43}	17.5	X	267.31159	287.31749	350.02826	5.25825	0.1287096	0.27890013	2.3200833	20	2 13.9	20.6
354918 2006 DE_{45}	17.8	X	312.71035	68.02736	145.62522	2.69352	0.1503972	0.27505506	2.3416553	20	1 11.4	20.9
354919 2006 DJ_{69}	17.3	X	292.67358	95.20752	156.44325	7.68993	0.0887396	0.27757515	2.3274606	20	2 13.7	20.1
354920 2006 DZ_{75}	18.0	X	52.39394	74.12317	355.70228	6.51396	0.0983849	0.27113942	2.3641459	20	—	—
354921 2006 DK_{77}	17.7	X	300.59684	258.48481	9.10893	4.90317	0.2265495	0.28023549	2.3127071	20	2 26.8	20.7
354922 2006 DX_{85}	16.2	X	257.16035	292.52844	354.25282	13.38949	0.1850065	0.27555528	2.3388205	20	2 13.8	19.9
354923 2006 DN_{117}	17.7	X	331.75125	183.30362	27.41796	2.94671	0.1449223	0.27601807	2.3362055	20	2 5.5	20.2
354924 2006 DV_{118}	17.6	X	31.03254	110.61628	35.76730	5.71254	0.1577059	0.28079917	2.3096110	20	2 22.7	19.4
354925 2006 DD_{119}	16.9	X	329.17005	91.20532	145.10377	2.38649	0.1712713	0.28109847	2.3079712	20	3 3.0	19.0
354926 2006 DZ_{136}	17.5	X	239.39820	105.99421	138.96183	6.62096	0.0908116	0.26685256	2.3893978	20	—	—
354927 2006 DL_{138}	17.7	X	37.75219	30.44082	109.95317	3.53875	0.1625895	0.28045614	2.3114939	20	2 26.6	19.4
354928 2006 DN_{140}	17.2	X	268.97829	141.69302	113.39225	5.15528	0.2137484	0.27142851	2.3624669	20	1 10.8	21.0
354929 2006 DR_{150}	17.8	X	68.92240	223.76877	188.67071	5.87889	0.1046080	0.26901258	2.3765903	20	—	—
354930 2006 DO_{153}	17.2	X	270.92989	73.38426	192.56271	5.05861	0.1841835	0.27267651	2.3552530	20	1 26.9	20.8
354931 2006 DR_{186}	17.0	X	279.16587	214.27223	72.60960	3.26320	0.2066525	0.27774172	2.3265299	20	3 1.9	20.4
354932 2006 DA_{193}	17.8	X	68.52047	68.78944	28.13382	3.16133	0.1387410	0.27688486	2.3313272	20	2 19.7	20.1
354933 2006 DT_{207}	17.7	X	247.97566	350.84222	274.30185	1.82142	0.1380755	0.26863296	2.3788288	20	1 8.9	21.3
354934 2006 DR_{210}	17.3	X	305.17245	49.24308	164.45158	4.99798	0.1785203	0.27021347	2.3695437	20	—	—
354935 2006 DL_{215}	17.4	X	279.86024	245.93556	15.54703	4.67676	0.0922225	0.27503984	2.3417416	20	2 13.1	20.4
354936 2006 EG_{15}	17.9	X	317.40507	177.82753	356.68610	4.69469	0.0885272	0.26852995	2.3794371	20	—	—
354937 2006 EA_{17}	17.4	X	247.17749	266.48313	14.08318	6.92409	0.1163778	0.27183500	2.3601112	20	1 30.8	21.0
354938 2006 EQ_{17}	17.5	X	98.05513	229.23600	174.66676	8.98661	0.1700135	0.27289332	2.3540053	20	1 25.9	20.2
354939 2006 EL_{23}	18.0	X	302.61938	268.38231	335.00760	1.81397	0.1837866	0.27773716	2.3265553	20	2 2.4	20.8
354940 2006 EW_{23}	18.0	X	69.59252	204.35523	203.29215	0.32091	0.2107660	0.27284439	2.3542868	20	—	—
354941 2006 EM_{29}	18.2	X	58.23033	101.55076	352.91137	1.75765	0.1855812	0.27796223	2.3252993	20	1 31.4	20.0
354942 2006 EC_{50}	17.4	X	128.59191	307.76980	90.98751	3.74184	0.2304666	0.28122829	2.3072609	20	3 8.9	20.7
354943 2006 EE_{51}	17.4	X	306.77925	206.69197	45.75416	2.99219	0.1772853	0.27922352	2.3182916	20	2 21.7	20.1
354944 2006 EJ_{55}	17.4	X	19.54617	220.55061	312.68416	3.88965	0.1017627	0.28177014	2.3043020	20	3 7.3	19.6
354945 2006 EV_{55}	17.4	X	92.87730	93.46081	338.13791	6.40541	0.0991225	0.27841924	2.3227540	20	2 16.0	19.9
354946 2006 ER_{56}	14.3	X	194.04711	304.77261	337.66972	13.09534	0.2263328	0.12323522	3.9992587	20	1 2.5	21.0
354947 2006 EU_{56}	17.5	X	352.67302	250.26830	309.06102	2.45624	0.2177334	0.27940521	2.3172864	20	2 11.8	19.1
354948 2006 EJ_{62}	17.1	X	0.88282	211.69091	325.38306	4.91390	0.1603482	0.27708426	2.3302087	20	2 4.0	19.0
354949 2006 EK_{63}	17.8	X	32.66677	286.13731	213.79364	2.94815	0.1837735	0.27795291	2.3253513	20	2 12.1	19.3
354950 2006 EF_{73}	18.1	X	30.24743	118.93857	0.47376	4.00423	0.1061042	0.27503867	2.3417483	20	1 10.2	20.4
354951 2006 FA_{1}	17.5	X	16.06881	144.64398	11.28848	6.37154	0.0226319	0.27643000	2.3338840	20	2 12.9	20.2
354952 2006 FJ_{9}	19.3	X	357.75143	101.63843	166.41926	4.12403	0.3456542	0.42601011	1.7492670	20	9 2.7	18.2
354953 2006 FG_{10}	17.3	X	326.05648	298.59375	259.26644	4.43556	0.1698699	0.27333801	2.3514515	20	1 5.2	20.0
354954 2006 FT_{23}	17.5	X	287.54487	65.19595	183.63422	5.71359	0.1821915	0.27115538	2.3640531	20	1 22.9	20.9
354955 2006 FD_{37}	16.9	X	324.14369	207.11609	31.06395	7.09925	0.1960735	0.27859726	2.3217645	20	2 25.9	19.5
354956 2006 FE_{45}	17.5	X	309.37520	76.60175	164.20818	2.00257	0.1656188	0.27568961	2.3380607	20	2 9.9	20.5
354957 2006 GU_{15}	17.4	X	231.67930	207.85289	91.33353	2.78995	0.1873475	0.26837829	2.3803334	20	2 3.5	21.1
354958 2006 GD_{38}	16.7	X	359.42864	25.07762	190.99945	6.79770	0.1306494	0.28319032	2.2965916	20	4 4.0	18.5
354959 2006 GF_{39}	17.3	X	97.40444	184.62380	63.60491	23.98906	0.0462111	0.37746524	1.8962026	20	11 15.5	19.3
354960 2006 HF	17.2	X	260.17912	77.63001	210.80518	3.42393	0.2171275	0.27221656	2.3579053	20	2 11.1	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
354961 2006 HC_8	17.4	X	283.94194	156.99832	67.75506	4.69082	0.1945391	0.26550802	2.3974577	20	—	—
354962 2006 HD_8	17.3	X	271.26291	134.94280	96.48393	3.61171	0.1379903	0.26400092	2.4065733	20	—	—
354963 2006 HU_9	17.0	X	79.95050	324.63582	95.85074	6.74603	0.1074252	0.26751781	2.3854350	20	1 14.0	19.4
354964 2006 HW_{10}	16.8	X	191.27979	208.50771	84.48313	7.21219	0.1217863	0.25980923	2.4323888	20	—	—
354965 2006 HC_{28}	17.3	X	270.31611	79.69018	123.95701	6.40831	0.1682076	0.25902820	2.4372759	20	—	—
354966 2006 HL_{30}	17.4	X	251.23196	89.96952	159.90198	7.80748	0.2005699	0.26442334	2.4040095	20	—	—
354967 2006 HB_{31}	17.3	X	271.01015	191.74048	41.16108	1.69531	0.1363124	0.26444158	2.4038990	20	—	—
354968 2006 HN_{32}	17.7	X	284.35980	233.09128	12.66387	4.38880	0.1619908	0.27203072	2.3589790	20	1 20.2	21.1
354969 2006 HO_{56}	17.3	X	255.67930	163.96512	121.84445	4.69046	0.2423553	0.26954397	2.3734658	20	2 4.2	21.1
354970 2006 HP_{56}	17.0	X	316.82243	54.93532	162.83225	5.84051	0.1679365	0.27275825	2.3547824	20	1 19.3	20.0
354971 2006 HQ_{61}	17.8	X	247.23439	149.92884	123.96588	2.08047	0.1761692	0.26758695	2.3850241	20	1 17.2	21.5
354972 2006 HV_{66}	17.4	X	325.19418	67.16843	69.86634	3.22330	0.1504730	0.25956876	2.4338909	20	—	—
354973 2006 HC_{95}	17.3	X	352.01359	163.59613	10.74525	7.77578	0.0573994	0.27661337	2.3328525	20	1 31.2	20.1
354974 2006 HV_{106}	17.7	X	331.30478	68.51690	111.19414	5.06827	0.1871430	0.26880878	2.3777914	20	—	—
354975 2006 HU_{115}	15.5	X	308.65634	146.52053	47.71127	3.61835	0.1208664	0.12676128	3.9247467	20	1 13.3	20.8
354976 2006 HF_{118}	17.8	X	277.40342	106.57769	142.35010	3.02041	0.1700030	0.26996530	2.3709956	20	1 14.9	21.2
354977 2006 HS_{120}	17.7	X	242.62957	124.62074	165.87321	3.87316	0.2345093	0.26477907	2.4018559	20	1 30.3	21.8
354978 2006 HF_{122}	17.6	X	306.35223	111.52366	89.29186	3.09470	0.1648865	0.26699605	2.3885417	20	—	—
354979 2006 JH_{21}	17.2	X	333.67751	34.56477	119.31985	7.27673	0.0942806	0.26200671	2.4187693	20	—	—
354980 2006 JP_{37}	15.1	X	293.76296	92.17778	122.33848	5.03586	0.1563905	0.12579663	3.9447853	20	1 13.9	20.6
354981 2006 KY_{21}	17.3	X	276.25247	114.89168	125.57436	3.58133	0.1215932	0.26510301	2.3998989	20	1 8.9	20.7
354982 2006 KC_{32}	17.8	X	311.54796	177.81473	34.75522	1.85612	0.1341516	0.26836045	2.3804389	20	1 12.7	20.6
354983 2006 KQ_{32}	17.4	X	285.86846	87.92159	86.97019	2.54378	0.1296088	0.25688471	2.4508151	20	—	—
354984 2006 KM_{34}	17.7	X	285.76328	68.35608	108.56419	2.27483	0.1196528	0.25660380	2.4526034	20	—	—
354985 2006 KR_{42}	17.6	X	288.48363	27.42576	201.74652	2.11006	0.1234576	0.26596563	2.3947069	20	1 7.6	20.9
354986 2006 KB_{43}	17.4	X	308.96626	127.92424	76.22581	3.41394	0.1342842	0.26612447	2.3937540	20	—	—
354987 2006 KE_{51}	17.4	X	273.41756	95.43037	132.30682	2.04438	0.1606615	0.26227342	2.4171292	20	—	—
354988 2006 KU_{53}	17.4	X	345.74421	246.82320	218.63220	8.05052	0.1795562	0.25468778	2.4648887	20	—	—
354989 2006 KK_{102}	17.1	X	246.67957	58.56179	177.82021	7.84373	0.0693992	0.25773713	2.4454083	20	—	—
354990 2006 KO_{104}	17.6	X	182.40550	146.32928	127.43534	23.85010	0.1116688	0.38626553	1.8672913	20	—	—
354991 2006 MA_{15}	15.9	X	134.97060	210.77830	92.00129	15.95820	0.1788253	0.23963952	2.5670269	20	—	—
354992 2006 OW_{11}	16.3	X	28.17994	212.40662	146.54814	12.67433	0.2006147	0.22429109	2.6828396	20	12 29.6	20.0
354993 2006 OK_{21}	16.8	X	40.46367	181.54087	169.94239	3.52063	0.1050673	0.22308424	2.6925067	20	12 21.3	20.4
354994 2006 OW_{21}	16.2	X	81.60790	263.02871	39.53881	14.19656	0.1707742	0.22713586	2.6603917	20	12 12.9	20.5
354995 2006 PL_{17}	16.7	X	337.71596	53.01349	324.60267	4.91941	0.0894990	0.21700163	2.7425889	20	10 19.0	19.9
354996 2006 PY_{19}	16.0	X	190.98471	96.76235	151.23909	28.63729	0.0397604	0.23687501	2.5869610	20	—	—
354997 2006 PG_{28}	16.0	X	134.19761	186.96851	72.52283	14.57253	0.2018670	0.23248718	2.6194093	20	12 10.5	20.4
354998 2006 PL_{31}	16.2	X	45.59803	253.25879	83.42020	13.88229	0.1604772	0.22609451	2.6685542	20	12 17.3	19.7
354999 2006 PM_{42}	16.5	X	313.88435	213.79112	151.17873	7.85078	0.1999436	0.21135870	2.7911893	20	8 11.6	19.2
355000 2006 QX_{11}	16.4	X	12.01886	261.25077	84.19559	5.73564	0.1228374	0.22041957	2.7141632	20	11 7.9	19.6
355001 2006 QK_{19}	16.8	X	306.96835	256.09491	136.12535	9.12871	0.2148135	0.21100227	2.7943318	20	9 7.5	19.7
355002 2006 QB_{20}	16.5	X	73.04053	163.11725	148.85314	12.70488	0.1927222	0.22644700	2.6657843	20	12 20.5	20.8
355003 2006 QM_{20}	16.4	X	69.46601	159.87417	152.14828	13.35836	0.1711986	0.22516861	2.6758647	20	12 15.3	20.7
355004 2006 QO_{30}	15.8	X	124.37460	345.02751	333.42779	34.15347	0.0979674	0.23715668	2.5849122	20	—	—
355005 2006 QT_{30}	16.1	X	331.42121	359.76661	1.02624	8.94679	0.2462034	0.21164880	2.7886382	20	9 13.7	18.3
355006 2006 QY_{30}	17.4	X	10.45978	208.32830	149.99099	23.80035	0.0785873	0.36456495	1.9406748	20	12 27.7	19.9
355007 2006 QP_{31}	16.8	X	237.37339	268.65192	135.05119	10.25836	0.2772172	0.19679646	2.9272368	20	6 12.5	21.8
355008 2006 QT_{43}	15.8	X	239.75804	74.57581	358.05120	14.42217	0.1315240	0.20383208	2.8594841	20	8 9.7	20.1
355009 2006 QJ_{45}	17.3	X	12.61494	161.20493	178.16936	3.44301	0.2014261	0.21745235	2.7387979	20	11 10.7	20.3
355010 2006 QN_{46}	16.4	X	55.74660	174.40949	152.88190	14.46131	0.0804676	0.22581605	2.6707476	20	12 9.0	20.4
355011 2006 QC_{80}	17.1	X	135.35184	331.50366	333.48767	13.51308	0.0806767	0.23766876	2.5811980	20	—	—
355012 2006 QN_{80}	17.0	X	49.64546	235.08694	104.04402	1.70772	0.0865291	0.22555887	2.6727773	20	12 15.1	20.7
355013 2006 QE_{82}	15.7	X	24.77097	357.43987	328.44655	25.22590	0.1692795	0.21732457	2.7398713	20	10 21.5	19.7
355014 2006 QX_{87}	16.8	X	1.01875	219.45807	163.04534	13.47714	0.1224059	0.22211497	2.7003340	20	12 10.6	20.3
355015 2006 QC_{103}	16.5	X	169.88498	258.15459	329.84851	10.39426	0.0835753	0.22831223	2.6512454	20	12 7.7	20.6
355016 2006 QC_{104}	16.7	X	53.88793	141.96483	151.53252	10.28820	0.2424711	0.21835212	2.7312688	20	11 15.6	20.8
355017 2006 QS_{108}	16.5	X	306.29962	185.78267	190.94273	4.33956	0.1199199	0.20867142	2.8151016	20	8 23.5	19.8
355018 2006 QE_{113}	16.4	X	27.74693	18.05861	298.00696	6.35038	0.1809923	0.21662459	2.7457704	20	10 26.9	20.0
355019 2006 QY_{115}	16.1	X	25.57125	22.77604	315.52912	13.54558	0.1431370	0.21957714	2.7211008	20	11 15.6	19.9
355020 2006 QH_{116}	16.9	X	135.49578	314.01662	337.66799	14.26754	0.1808803	0.23394191	2.6085392	20	—	—
355021 2006 QM_{137}	16.8	X	337.96415	244.56195	160.99090	6.71550	0.0398712	0.22278820	2.6948913	20	11 28.7	20.3
355022 Triman	17.1	X	66.42142	68.34992	273.54248	18.83026	0.0703426	0.37362778	1.9091642	20	—	—
355023 2006 QP_{145}	16.3	X	234.43356	82.25627	347.13919	8.53620	0.1315895	0.20317631	2.8656336	20	7 27.3	20.6
355024 2006 QD_{150}	16.8	X	308.47390	66.75422	316.13697	4.59941	0.0731304	0.21298945	2.7769240	20	9 9.9	20.2
355025 2006 QC_{168}	16.5	X	280.63549	221.01553	147.13437	15.90381	0.1548673	0.20247180	2.8722772	20	6 28.9	20.7
355026 2006 QE_{169}	15.9	X	200.65600	323.92095	294.80759	17.55303	0.2217671	0.24215555	2.5492148	20	—	—
355027 2006 QO_{182}	17.4	X	215.48983	351.39838	103.68455	3.23881	0.0195393	0.20454475	2.8528383	20	8 18.6	21.4
355028 2006 QM_{187}	16.7	X	93.04877	229.40153	80.55845	3.64170	0.1968704	0.22936523	2.6431248	20	—	—
355029 Herve	16.3	X	41.36851	342.95973	4.44737	13.84636	0.1571421	0.21961120	2.7208194	20	12 23.9	20.4
355030 2006 RR_2	15.8	X	264.57929	275.89021	1.88924	12.86235	0.2831776	0.26035023	2.4290181	20	2 4.1	20.0
355031 2006 RG_{21}	16.8	X	3.14414	260.58514	59.73169	0.45148	0.0698621	0.20914442	2.8108555	20	9 11.5	20.2
355032 2006 RQ_{24}	16.7	X	295.31277	200.46738	189.04132	8.58456	0.1864418	0.20950715	2.8076102	20	8 12.2	20.1
355033 2006 RC_{26}	17.1	X	249.72587	10.42738	175.75449	13.80092	0.0995604	0.23624370	2.5915677	20	—	—
355034 2006 RT_{45}	16.9	X	249.23079	355.48962	50.86758	2.91529	0.0780049	0.19920683	2.9035762	20	7 19.9	21.1
355035 2006 RV_{45}	16.9	X	27.31391	190.89978	169.61885	5.88820	0.1449890	0.21991175	2.7183399	20	12 20.9	20.5
355036 2006 RT_{65}	16.6	X	252.48387	18.59547	14.72313	10.45109	0.2339770	0.19876986	2.9078301	20	6 15.6	21.3
355037 2006 RA_{67}	16.1	X	130.00216	82.39847	176.64344	14.16125	0.0195092	0.22708769	2.6607679	20	12 5.4	20.1
355038 2006 RF_{77}	16.9	X	11.53521	197.01174	152.68274	3.74777	0.0829448	0.21575335	2.7531572	20	11 6.2	20.4
355039 2006 RS_{98}	17.1	X	160.87786	180.67301	6.19276	4.27941	0.0107193	0.21276116	2.7789100	20	10 8.0	20.7
355040 2006 RZ_{99}	16.2	X	121.64245	150.39669	152.90250	19.21462	0.1491939	0.23261709	2.6184340	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355041 2006 RR_{110}	16.9	X	56.64350	83.84603	188.54834	3.05764	0.0608803	0.20885633	2.8134398	20	9 22.6	20.6
355042 2006 RU_{114}	17.2	X	172.62558	338.39362	175.14827	2.60016	0.1193059	0.20514805	2.8472424	20	9 5.8	21.7
355043 2006 SG_{3}	16.1	X	58.71838	355.58049	349.83277	13.79946	0.0607271	0.22569507	2.6717019	20	—	—
355044 2006 SU_{8}	16.3	X	23.24555	320.50932	17.09797	8.15657	0.2350944	0.21675898	2.7446354	20	11 27.2	19.7
355045 2006 SZ_{17}	15.9	X	150.27656	231.08106	23.44593	12.70385	0.1435945	0.22475439	2.6791514	20	12 16.8	20.4
355046 2006 SO_{19}	19.5	X	16.53147	169.76379	98.32244	14.24618	0.2720459	0.71176593	1.2423518	20	12 3.1	20.0
355047 2006 SR_{23}	16.7	X	54.04829	278.20805	72.49288	3.18944	0.1324576	0.22570240	2.6716441	20	—	—
355048 2006 SF_{55}	15.6	X	50.37874	304.41689	38.77666	14.53256	0.1204034	0.22187839	2.7022532	20	12 23.8	19.6
355049 2006 SG_{61}	16.4	X	98.89370	208.70320	99.44278	8.17523	0.2763514	0.22794118	2.6541218	20	—	—
355050 2006 SG_{67}	17.2	X	288.91109	197.22933	176.19756	2.03286	0.1040440	0.20265522	2.8705438	20	7 24.9	20.9
355051 2006 SJ_{70}	16.6	X	356.24147	190.74140	179.59208	4.32869	0.0820238	0.21385981	2.7693846	20	11 9.8	19.9
355052 2006 SM_{95}	16.3	X	68.91451	277.02251	27.54634	6.71864	0.0536729	0.21550937	2.7552348	20	11 17.2	20.1
355053 2006 SR_{99}	17.0	X	163.57495	185.19998	23.11759	3.75374	0.0321151	0.21443348	2.7644431	20	11 6.9	21.0
355054 2006 SW_{105}	17.1	X	267.30220	27.17638	12.27161	1.94904	0.0604298	0.20162840	2.8802813	20	8 6.2	21.0
355055 2006 SO_{123}	16.5	X	43.94170	195.49494	125.51551	10.08803	0.1685423	0.21869350	2.7284257	20	11 27.8	20.4
355056 2006 SR_{144}	16.8	X	172.33838	259.78356	221.12131	2.97416	0.0148358	0.19909732	2.9046408	20	7 26.5	20.9
355057 2006 SU_{152}	16.3	X	244.35800	199.00239	30.57300	13.66369	0.1030140	0.23529908	2.5984991	20	—	—
355058 2006 SJ_{156}	17.0	X	290.12584	210.46366	158.85088	2.15207	0.1357638	0.20349458	2.8626449	20	7 16.4	20.7
355059 2006 SJ_{159}	16.7	X	49.03142	259.46440	38.61858	4.92304	0.0496013	0.21078003	2.7962955	20	10 15.6	20.5
355060 2006 SA_{167}	16.4	X	96.85419	339.54033	338.43171	5.07586	0.0793678	0.22731991	2.6589555	20	—	—
355061 2006 SN_{172}	16.7	X	1.55669	13.25346	341.03114	3.46992	0.1082131	0.21496150	2.7599143	20	10 28.0	19.9
355062 2006 SE_{181}	17.5	X	171.89481	82.46661	186.76621	1.72534	0.1393784	0.23432103	2.6057247	20	—	—
355063 2006 SZ_{191}	17.5	X	239.39536	258.51711	151.84559	2.74854	0.1045390	0.19858598	2.9096249	20	7 8.8	21.8
355064 2006 SF_{194}	17.1	X	16.16027	1.13041	332.40534	3.77930	0.0765852	0.21205355	2.7850886	20	10 18.1	20.5
355065 2006 SE_{195}	16.0	X	340.47739	159.28932	189.65303	6.86444	0.0304215	0.20926880	2.8097417	20	9 13.5	19.7
355066 2006 SJ_{199}	17.1	X	244.34677	70.10226	348.00355	1.45076	0.0462149	0.20159368	2.8806121	20	8 2.6	21.0
355067 2006 SD_{209}	16.8	X	301.35772	335.30805	45.32418	4.02569	0.1977606	0.20569226	2.8422182	20	8 12.3	20.0
355068 2006 SC_{219}	17.0	X	268.52762	329.06408	94.40165	3.21190	0.0480228	0.20621849	2.8373810	20	9 12.1	20.7
355069 2006 SA_{221}	16.6	X	225.92057	330.01261	176.75561	12.35465	0.0992694	0.21776810	2.7361498	20	10 30.3	20.5
355070 2006 SV_{222}	17.1	X	349.36035	185.18241	178.32668	2.38373	0.0874197	0.21457266	2.7632475	20	10 21.0	20.3
355071 2006 SS_{229}	16.1	X	106.71721	10.01966	224.77206	5.83695	0.0119868	0.21096968	2.7946195	20	9 29.8	19.9
355072 2006 SQ_{241}	17.3	X	13.92383	190.78899	150.41775	2.02880	0.1026087	0.21602619	2.7508386	20	10 31.6	20.6
355073 2006 SL_{255}	17.0	X	132.17981	248.37627	355.84657	4.33069	0.0605696	0.22041156	2.7142289	20	11 16.0	21.1
355074 2006 ST_{262}	16.8	X	266.45895	215.80793	141.84802	1.56541	0.1518871	0.19267351	2.9688485	20	5 28.1	21.1
355075 2006 SJ_{264}	16.5	X	80.34882	321.57099	341.26538	7.82154	0.1059217	0.21836166	2.7311892	20	12 4.9	20.7
355076 2006 SP_{268}	16.7	X	76.22245	290.16282	294.07833	3.74229	0.0309087	0.19906095	2.9049946	20	8 10.1	20.6
355077 2006 SK_{285}	16.6	X	33.44437	26.92027	311.50694	10.79794	0.1661712	0.21850911	2.7299604	20	12 2.6	20.4
355078 2006 SE_{304}	16.6	X	209.78707	329.12195	165.68554	4.24241	0.0467661	0.20916895	2.8106358	20	9 29.3	20.4
355079 2006 SA_{311}	16.7	X	70.25743	322.66668	322.05091	3.43095	0.0320160	0.21329832	2.7742426	20	10 21.0	20.5
355080 2006 SR_{319}	16.9	X	328.78041	241.47279	139.61652	4.43472	0.1855358	0.21045978	2.7991315	20	10 10.9	19.5
355081 2006 SO_{341}	16.5	X	9.68700	341.54212	40.86081	6.94642	0.0651543	0.22014909	2.7163858	20	12 12.8	20.0
355082 2006 SF_{342}	16.7	X	252.57998	104.32056	327.69649	4.76765	0.0526794	0.20381779	2.8596178	20	8 29.9	20.5
355083 2006 SK_{347}	17.4	X	300.08509	51.85619	322.20188	1.16090	0.0799762	0.20277781	2.8693868	20	8 15.4	21.0
355084 2006 SZ_{347}	17.0	X	242.41709	91.68603	344.87177	1.43949	0.0376003	0.20266205	2.8704794	20	8 25.5	21.0
355085 2006 SG_{378}	16.8	X	11.09629	229.27105	106.02662	9.44662	0.1883246	0.21168716	2.7883013	20	11 2.5	20.1
355086 2006 SQ_{384}	17.1	X	112.54509	148.53647	120.39039	9.83771	0.1221842	0.21841850	2.7307154	20	11 30.9	21.4
355087 2006 SS_{392}	16.5	X	160.49652	340.12625	295.15207	4.55391	0.2476769	0.23186915	2.6240618	20	—	—
355088 2006 SO_{399}	16.6	X	255.22616	201.93216	25.22616	12.70205	0.2266327	0.24117080	2.5561494	20	—	—
355089 2006 SX_{401}	16.3	X	157.71476	293.95011	138.79091	15.94677	0.2887736	0.18119107	3.0929877	20	5 23.6	22.1
355090 2006 SU_{406}	16.3	X	19.47506	63.01708	250.47269	4.66611	0.0679571	0.20905037	2.8116985	20	9 24.0	20.0
355091 2006 SD_{409}	17.0	X	297.68415	244.24579	151.25656	2.49174	0.0764993	0.20450078	2.8532472	20	9 10.8	20.5
355092 2006 TX	16.3	X	246.16534	136.82018	277.22994	11.05898	0.1447511	0.20021230	2.8938469	20	7 15.7	20.6
355093 2006 TL_{12}	16.1	X	157.56252	43.81570	34.36519	17.59080	0.2767015	0.18304591	3.0720577	20	5 21.8	21.7
355094 2006 TQ_{14}	16.3	X	305.48051	142.54682	227.79820	5.19704	0.0774485	0.20378187	2.8599539	20	8 16.6	20.1
355095 2006 TO_{29}	16.5	X	173.05011	24.44840	44.69015	6.60952	0.1900663	0.18411098	3.0601985	20	5 23.8	21.6
355096 2006 TE_{46}	16.2	X	117.60362	251.52944	220.56265	21.05660	0.1347513	0.17898595	3.1183397	20	5 22.1	21.0
355097 2006 TZ_{47}	17.0	X	175.99729	52.45070	42.13784	5.30030	0.1567434	0.18745125	3.0237356	20	6 26.9	22.0
355098 2006 TB_{51}	16.7	X	164.92601	22.10794	48.46907	7.00305	0.1956199	0.18100950	3.0950557	20	5 19.2	22.0
355099 2006 TK_{60}	17.1	X	168.49721	70.30317	346.57495	2.46884	0.2055810	0.18016145	3.1047607	20	5 5.7	22.4
355100 2006 TV_{85}	16.2	X	213.03805	42.29481	20.75423	9.98431	0.0950564	0.19082761	2.9879631	20	6 26.6	20.9
355101 2006 TK_{87}	17.1	X	208.95477	181.62052	263.48152	2.49458	0.1652873	0.19246774	2.9709642	20	7 14.9	21.9
355102 2006 TQ_{89}	17.1	X	202.66977	67.74012	349.35463	3.53995	0.2564571	0.18701542	3.0284316	20	5 31.9	22.4
355103 2006 TM_{102}	16.9	X	231.62979	172.29841	224.82559	5.81063	0.1081114	0.19140676	2.9819329	20	6 12.8	21.3
355104 2006 TM_{126}	17.1	X	158.01721	85.79466	351.78371	3.22482	0.2223668	0.17955365	3.1117633	20	5 22.4	22.4
355105 2006 TO_{127}	16.3	X	187.04380	273.05025	143.15433	14.38590	0.3279377	0.18459053	3.0548960	20	5 23.3	22.2
355106 2006 UR_{12}	16.7	X	259.35272	178.82483	193.38357	6.84660	0.1259605	0.19263569	2.9692371	20	6 10.9	21.0
355107 2006 UV_{12}	16.9	X	301.88916	250.54583	138.14815	2.81017	0.0750512	0.20371437	2.8605856	20	9 8.4	20.3
355108 2006 US_{30}	16.9	X	4.67089	91.46635	218.27570	0.61930	0.1084678	0.20366100	2.8610853	20	9 1.1	20.1
355109 2006 UG_{35}	16.6	X	125.00916	207.96971	36.35802	4.96446	0.0170997	0.21281113	2.7784750	20	11 5.9	20.5
355110 2006 UR_{36}	16.8	X	268.11511	52.29974	295.39187	1.32343	0.1543139	0.19101300	2.9860296	20	5 16.3	21.1
355111 2006 UA_{45}	16.8	X	270.59027	357.97730	57.84099	2.82910	0.0750405	0.20061157	2.8900059	20	8 30.8	20.6
355112 2006 UD_{61}	16.5	X	188.91965	61.91386	9.77400	4.72946	0.1280756	0.18638136	3.0352962	20	6 10.5	21.3
355113 2006 UY_{61}	16.3	X	47.86089	115.38916	224.62320	10.18742	0.0354980	0.21837429	2.7310840	20	12 5.3	20.1
355114 2006 UX_{68}	16.5	X	258.09967	313.44090	96.60470	4.46139	0.1734371	0.19793748	2.9159766	20	7 21.9	20.6
355115 2006 UP_{84}	16.6	X	279.22080	8.44829	49.65276	2.76498	0.0566407	0.20269137	2.8702026	20	9 17.5	20.5
355116 2006 UU_{85}	16.1	X	157.86133	213.48347	234.16633	8.59658	0.0669988	0.18484957	3.0520414	20	5 29.3	20.7
355117 2006 UY_{88}	16.5	X	239.06921	123.65882	244.48088	3.96677	0.1432911	0.18749914	3.0232208	20	5 11.7	21.0
355118 2006 UZ_{96}	16.9	X	29.44141	204.96834	85.72339	3.22467	0.0384376	0.20313518	2.8660205	20	9 7.6	20.8
355119 2006 UN_{97}	16.3	X	83.74394	154.98904	54.68498	8.48442	0.0270337	0.19646691	2.9305093	20	8 3.5	20.5
355120 2006 UV_{110}	16.5	X	34.38216	51.57428	280.18575	4.12934	0.0157353	0.21753367	2.7381152	20	11 2.9	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355121 2006 UM_{120}	17.0	X	248.42247	259.28080	165.21916	3.17330	0.0896403	0.19996426	2.8962394	20	8 8.9	21.2
355122 2006 UL_{126}	17.1	X	179.83419	74.74240	6.43785	5.04065	0.1795242	0.18702610	3.0283164	20	6 13.3	22.2
355123 2006 UL_{130}	16.8	X	175.99776	110.91190	16.71511	4.27536	0.1252242	0.19542077	2.9409586	20	8 8.8	21.5
355124 2006 UE_{139}	16.5	X	140.46108	200.15367	9.93979	7.49612	0.0369332	0.20570353	2.8421144	20	10 11.5	20.5
355125 2006 UF_{142}	16.2	X	172.34447	71.94214	16.98284	8.57867	0.0472728	0.18744586	3.0237937	20	6 14.8	20.8
355126 2006 UF_{150}	17.4	X	71.80763	259.70210	63.53610	22.06370	0.0692317	0.36421515	1.9419172	20	—	—
355127 2006 UN_{160}	16.7	X	29.56184	183.17246	101.82690	3.20189	0.0334719	0.20314298	2.8659471	20	8 30.2	20.4
355128 2006 UP_{178}	16.1	X	245.78072	263.99852	106.70354	8.02972	0.2012192	0.19139191	2.9820871	20	5 18.3	20.9
355129 2006 UK_{182}	15.4	X	223.51960	285.19031	68.20445	15.51743	0.1231810	0.18170182	3.0871889	20	4 16.9	20.4
355130 2006 UL_{191}	16.2	X	38.18096	356.31755	349.33489	11.37228	0.2556168	0.21906290	2.7253576	20	—	—
355131 2006 UN_{192}	15.7	X	176.98255	177.75568	254.38990	14.67059	0.0708034	0.18657572	3.0331878	20	5 30.7	20.4
355132 2006 UT_{194}	16.7	X	244.63475	233.21835	196.78045	1.52095	0.0513802	0.20034064	2.8926108	20	8 16.8	20.8
355133 2006 UK_{203}	16.1	X	222.98300	70.81446	341.56006	9.80281	0.1396299	0.19230492	2.9726409	20	6 20.2	20.9
355134 2006 UW_{204}	17.5	X	51.12354	292.65178	15.58174	20.67141	0.0663279	0.36149818	1.9516352	20	11 28.9	20.1
355135 2006 UB_{206}	16.9	X	177.05128	220.27562	27.86587	2.27986	0.1585424	0.22694337	2.6618958	20	—	—
355136 2006 UG_{211}	15.9	X	92.28926	166.01743	26.60896	9.67310	0.0123352	0.19200694	2.9757157	20	7 20.5	20.2
355137 2006 UN_{220}	16.5	X	244.10424	38.89892	4.68694	9.73272	0.1145541	0.19598227	2.9353385	20	7 5.9	21.0
355138 2006 UA_{221}	16.8	X	205.34937	115.41823	264.23474	4.89117	0.3444750	0.18545097	3.0454395	20	4 16.9	22.6
355139 2006 UR_{238}	16.4	X	215.48968	208.91817	230.31550	11.09452	0.0055727	0.19674936	2.9277040	20	7 25.1	20.7
355140 2006 UQ_{257}	16.6	X	67.69313	282.39712	21.87523	6.56180	0.0253894	0.21439520	2.7647721	20	11 11.2	20.4
355141 2006 UG_{272}	17.2	X	23.21724	265.07652	52.09996	24.09637	0.0784780	0.34985364	1.9947040	20	11 9.7	19.0
355142 2006 UW_{291}	17.4	X	9.54755	27.41601	344.59848	17.51616	0.1079334	0.36047732	1.9553181	20	—	—
355143 2006 UL_{304}	17.2	X	342.74507	251.85115	137.75147	2.83530	0.0794734	0.21910351	2.7250208	20	11 15.6	20.5
355144 2006 UY_{330}	16.5	X	323.15956	199.25225	137.23885	11.37684	0.0711942	0.19858712	2.9096136	20	7 30.7	20.0
355145 2006 UZ_{343}	16.8	X	314.87378	11.86437	321.17328	1.29072	0.1048237	0.19616567	2.9335087	20	7 9.8	20.5
355146 2006 VP_{4}	15.6	X	147.92187	199.98836	234.67043	27.55057	0.1472991	0.17825186	3.1268952	20	5 7.2	20.6
355147 2006 VM_{8}	16.9	X	173.07469	316.06457	115.62205	2.18452	0.1588090	0.18182815	3.0857587	20	5 27.6	22.0
355148 2006 VC_{15}	16.1	X	201.89322	5.65906	40.10456	11.31975	0.1393928	0.18512811	3.0489793	20	5 20.7	21.1
355149 2006 VX_{21}	15.9	X	147.72565	236.06302	227.75449	20.87498	0.1477675	0.18503507	3.0500012	20	6 10.7	20.9
355150 2006 VJ_{26}	16.3	X	136.74745	244.55723	244.30221	9.04595	0.1711439	0.18281181	3.0746797	20	7 2.6	21.3
355151 2006 VJ_{27}	16.1	X	202.70683	169.69237	239.33576	15.18138	0.0902555	0.18447350	3.0561879	20	5 29.1	20.8
355152 2006 VE_{38}	16.8	X	138.45824	89.68556	40.43272	5.26927	0.1396174	0.18632628	3.0358942	20	7 5.4	21.6
355153 2006 VV_{43}	16.5	X	186.36832	179.09945	269.94529	3.23232	0.1605919	0.18659649	3.0329627	20	6 29.3	21.5
355154 2006 VF_{55}	16.3	X	169.57379	237.46026	230.40418	9.45243	0.0755435	0.18793207	3.0185760	20	7 5.3	21.0
355155 2006 VA_{58}	16.0	X	345.45340	17.95196	232.76796	18.36829	0.0415353	0.18119495	3.0929436	20	5 11.6	19.9
355156 2006 VD_{66}	16.6	X	198.06539	59.59049	75.31582	3.11883	0.0132499	0.20007592	2.8951618	20	9 18.1	20.6
355157 2006 VR_{76}	16.9	X	184.88146	34.95579	103.54802	3.27062	0.0251727	0.19918409	2.9037972	20	9 5.1	21.0
355158 2006 VV_{77}	17.0	X	256.91873	244.85994	153.15676	2.62547	0.0663972	0.19370351	2.9583148	20	7 19.1	21.2
355159 2006 VN_{78}	16.6	X	164.90135	333.89667	76.76197	8.09079	0.1970515	0.17802107	3.1295972	20	4 28.5	21.9
355160 2006 VR_{97}	16.4	X	109.46431	215.27884	350.11776	4.56859	0.0097372	0.19763477	2.9189533	20	8 26.7	20.5
355161 2006 VS_{97}	16.2	X	189.61839	189.40503	298.59074	4.64253	0.0736569	0.19672492	2.9279464	20	8 22.6	20.6
355162 2006 VC_{103}	15.9	X	159.22317	155.36439	276.20378	8.45259	0.0747514	0.17709386	3.1405115	20	5 9.2	20.8
355163 2006 VV_{112}	15.9	X	306.22310	33.09178	287.52357	7.97883	0.1415973	0.18922430	3.0048176	20	6 3.1	19.7
355164 2006 VP_{136}	17.1	X	144.31493	121.12835	343.32323	0.12545	0.1525985	0.18058500	3.0999041	20	6 9.6	22.1
355165 2006 VK_{139}	16.8	X	223.26437	315.60173	65.70150	4.77978	0.0969236	0.18298735	3.0727131	20	5 16.2	21.4
355166 2006 VP_{169}	16.8	X	203.63808	230.02867	168.28791	1.18129	0.1850829	0.18198009	3.0840409	20	5 13.6	21.8
355167 2006 VR_{170}	15.8	X	113.88324	262.27200	269.26252	9.07773	0.0414308	0.18683591	3.0303711	20	7 19.9	20.3
355168 2006 WG_{4}	16.0	X	23.12128	160.19311	83.73124	12.98900	0.0466444	0.18433641	3.0577030	20	6 25.6	20.0
355169 2006 WG_{7}	16.6	X	114.44682	55.53243	77.68854	12.32936	0.2439826	0.17774814	3.1328000	20	6 23.9	21.7
355170 2006 WG_{11}	16.1	X	131.00310	54.75092	49.60268	17.04761	0.2119282	0.17673388	3.1447745	20	5 30.1	21.4
355171 2006 WQ_{11}	16.1	X	224.10537	73.95427	304.34931	4.01712	0.2287513	0.18540491	3.0459438	20	5 2.9	21.2
355172 2006 WZ_{12}	16.1	X	221.34252	295.84191	83.39642	12.10096	0.1284862	0.18250493	3.0781255	20	5 12.1	21.0
355173 2006 WG_{18}	16.9	X	144.98542	232.37344	345.49622	3.11666	0.0352046	0.20970837	2.8058140	20	10 26.6	21.0
355174 2006 WK_{20}	16.2	X	326.02814	36.68147	338.13260	5.12093	0.0922322	0.20385392	2.8592799	20	9 24.3	19.7
355175 2006 WV_{47}	16.4	X	188.61407	48.70196	16.43019	2.53863	0.1020291	0.18302202	3.0723250	20	6 2.7	21.1
355176 2006 WA_{48}	16.5	X	287.65181	107.42289	220.32094	7.47762	0.1480434	0.18752168	3.0229785	20	5 16.9	20.6
355177 2006 WP_{53}	15.6	X	155.62981	24.49343	73.54283	14.30972	0.1837112	0.17841513	3.1249873	20	6 12.9	20.7
355178 2006 WE_{55}	15.5	X	184.76036	193.31306	252.17509	12.21409	0.1607363	0.18423274	3.0588499	20	6 22.9	20.5
355179 2006 WN_{73}	17.0	X	160.65707	178.36097	293.95806	0.91708	0.1677896	0.18538719	3.0461380	20	7 4.8	22.0
355180 2006 WR_{81}	16.7	X	224.18238	205.45669	158.03135	2.18726	0.1811858	0.18170702	3.0871299	20	4 20.4	21.8
355181 2006 WO_{89}	15.4	X	152.03586	10.46112	84.53957	16.32133	0.2926893	0.17617681	3.1514001	20	6 10.9	20.9
355182 2006 WQ_{92}	16.5	X	183.49440	28.97817	78.42452	4.73239	0.0882646	0.19026629	2.9938370	20	7 21.8	21.0
355183 2006 WT_{102}	17.0	X	289.57082	160.74682	242.08921	0.83449	0.0203453	0.19962761	2.8994946	20	9 14.1	20.9
355184 2006 WO_{109}	16.6	X	191.07253	346.79090	83.70813	4.34798	0.1238192	0.18337505	3.0683806	20	6 11.7	21.3
355185 2006 WD_{111}	16.4	X	212.72272	330.59976	77.84313	11.66304	0.1298211	0.18514243	3.0488220	20	6 5.6	21.2
355186 2006 WX_{115}	16.3	X	207.12941	141.01463	242.32807	8.03810	0.1182471	0.17934131	3.1142190	20	4 29.9	21.3
355187 2006 WZ_{139}	15.8	X	223.97717	334.06406	90.58811	12.36930	0.0619864	0.19217717	2.9739581	20	7 14.3	20.1
355188 2006 WM_{158}	16.3	X	154.87145	154.74622	269.69777	9.43629	0.2144303	0.17672746	3.1448506	20	5 2.7	21.7
355189 2006 WN_{160}	15.8	X	167.06879	358.74461	87.56408	13.36075	0.1599323	0.17940239	3.1135121	20	6 9.1	21.0
355190 2006 WN_{180}	16.9	X	210.97964	190.24562	203.30918	1.62496	0.2190787	0.18412936	3.0599948	20	5 12.6	22.0
355191 2006 WS_{188}	16.3	X	109.05703	233.66955	260.68315	8.11450	0.0415779	0.17883690	3.1200721	20	5 28.3	20.8
355192 2006 WV_{190}	16.8	X	175.27692	47.20052	37.97541	0.98326	0.1485643	0.18121886	3.0926714	20	6 14.4	21.8
355193 2006 WA_{198}	16.0	X	160.85256	10.31356	87.28462	14.06864	0.2574984	0.18072741	3.0982756	20	6 19.0	21.5
355194 2006 WO_{202}	15.4	X	22.34606	317.13162	287.06292	21.29540	0.1385419	0.17609808	3.1523394	20	7 3.6	19.1
355195 2006 XX_{5}	15.5	X	152.19180	358.42672	85.07369	19.66266	0.2028261	0.17857411	3.1231323	20	5 27.5	20.8
355196 2006 XY_{7}	16.2	X	205.38198	261.45790	171.17117	9.06519	0.2006820	0.18684084	3.0303177	20	6 24.5	21.4
355197 2006 XR_{16}	15.8	X	146.34515	194.50850	305.54274	8.79194	0.0713950	0.18249577	3.0782284	20	7 21.9	20.3
355198 2006 XY_{23}	16.7	X	167.48924	297.09499	147.99280	6.09274	0.1159387	0.18188785	3.0850835	20	6 7.4	21.6
355199 2006 XW_{30}	16.2	X	166.29412	114.60615	298.67003	12.75468	0.2935678	0.17405573	3.1769509	20	4 28.3	22.2
355200 2006 XN_{36}	16.6	X	175.81706	7.69502	78.79453	2.39844	0.1476405	0.17969610	3.1101186	20	6 16.6	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355201 2006 XA_{45}	16.9	X	180.30118	320.21494	77.79280	2.19388	0.1850453	0.17654007	3.1470757	20	4 24.2	22.1
355202 2006 XC_{52}	15.7	X	190.98939	152.21719	268.63452	11.73318	0.1575326	0.18170922	3.0871050	20	5 29.8	20.9
355203 2006 XM_{65}	15.5	X	149.17555	222.11954	234.23875	18.18735	0.0462654	0.17913969	3.1165554	20	5 29.0	20.1
355204 2006 XZ_{69}	15.8	X	4.54273	7.57966	292.89307	9.19446	0.0984570	0.18755276	3.0226446	20	8 13.8	19.6
355205 2006 XF_{71}	15.5	X	325.84506	188.32692	101.57896	10.59735	0.0747939	0.17712026	3.1401993	20	6 2.6	19.6
355206 2006 YA_{8}	15.7	X	18.36430	315.72498	298.05268	8.82681	0.0283329	0.17790000	3.1310170	20	7 1.1	19.9
355207 2006 YJ_{9}	15.9	X	145.86704	130.80451	311.09243	13.39619	0.2687787	0.17452351	3.1712715	20	5 17.9	21.6
355208 2006 YR_{13}	15.2	X	162.82218	348.50589	105.87082	18.19241	0.1182882	0.17686917	3.1431706	20	6 15.1	20.2
355209 2006 YR_{15}	16.4	X	72.23918	74.26363	112.59193	14.52000	0.2258880	0.17184215	3.2041751	20	7 15.0	20.9
355210 2006 YF_{33}	15.5	X	76.55118	262.78952	309.38556	14.51814	0.1309833	0.18027967	3.1034032	20	8 7.6	20.0
355211 2006 YS_{34}	16.1	X	30.94163	252.94376	308.99238	13.61153	0.0668593	0.16986404	3.2290027	20	5 10.3	20.7
355212 2006 YV_{38}	15.8	X	128.97186	352.40842	105.95429	11.89851	0.0946656	0.16958567	3.2325354	20	5 16.6	20.8
355213 2006 YH_{48}	15.6	X	96.19557	259.10790	307.14539	7.18265	0.1525003	0.18210985	3.0825757	20	8 24.7	20.3
355214 2006 YK_{48}	15.5	X	294.32311	30.25232	307.85309	8.88049	0.1398342	0.18094862	3.0957499	20	6 9.1	19.8
355215 2006 YM_{52}	15.7	X	71.83897	120.52415	112.38583	19.27083	0.2098123	0.18345719	3.0674646	20	9 15.8	20.5
355216 2006 YH_{53}	16.3	X	89.51448	19.85730	143.70565	7.78242	0.0925883	0.17276910	3.1927041	20	6 18.1	21.0
355217 2006 YF_{54}	16.2	X	64.34674	271.64455	267.18332	3.60367	0.0873458	0.17235660	3.1977961	20	6 3.6	20.4
355218 2007 AN_{1}	15.8	X	239.47155	249.08279	115.03417	11.39309	0.1080252	0.17527046	3.1622551	20	5 14.9	20.7
355219 2007 AP_{21}	16.0	X	174.55509	2.20570	98.16072	5.81846	0.1010781	0.17990533	3.1077067	20	7 2.4	20.7
355220 2007 AF_{23}	15.6	X	188.12335	273.90574	122.75229	20.01648	0.1827561	0.17335863	3.1854618	20	5 6.4	21.3
355221 2007 AW_{27}	16.1	X	148.86091	318.17630	111.36127	10.38444	0.0780624	0.16933306	3.2357493	20	5 2.1	21.1
355222 2007 BT_{4}	15.7	X	141.33794	135.20977	314.01769	25.93148	0.1561548	0.17078061	3.2174391	20	5 12.6	21.3
355223 2007 BM_{6}	15.2	X	236.55768	255.82489	111.28977	23.03549	0.1287413	0.17489369	3.1667950	20	5 18.2	20.5
355224 2007 BO_{6}	15.0	X	68.59680	290.70649	293.20142	12.60264	0.2466074	0.17712740	3.1401149	20	8 24.6	19.7
355225 2007 BK_{15}	15.9	X	47.97321	270.79797	322.54313	4.65555	0.0489699	0.17806416	3.1290923	20	7 17.5	20.2
355226 2007 BX_{34}	15.5	X	42.24260	114.04648	124.95673	27.04271	0.1924200	0.17678047	3.1442219	20	8 5.9	19.4
355227 2007 BZ_{58}	15.8	X	189.01566	302.74931	108.09572	17.33126	0.0981379	0.17434376	3.1734509	20	5 22.1	21.0
355228 2007 BT_{60}	15.4	X	246.22753	24.17030	337.63175	15.41659	0.0306857	0.17060292	3.2196729	20	5 20.3	20.4
355229 2007 BV_{60}	15.8	X	173.95270	155.86827	293.82574	9.95827	0.0494627	0.17910491	3.1169588	20	6 18.6	20.5
355230 2007 BR_{62}	16.1	X	291.05720	197.23461	139.71022	11.10710	0.0746368	0.17660909	3.1462557	20	6 14.2	20.5
355231 2007 BQ_{80}	15.7	X	289.99865	18.66970	315.22671	9.70409	0.0766925	0.17783935	3.1317288	20	6 6.7	20.1
355232 2007 BU_{80}	15.2	X	70.59455	192.85040	340.64128	9.58145	0.0078196	0.16772029	3.2564593	20	5 22.3	19.9
355233 2007 BN_{92}	16.1	X	260.07572	42.40803	307.86998	9.46742	0.0909162	0.17487363	3.1670373	20	5 16.8	20.9
355234 2007 BA_{100}	15.6	X	5.26118	309.95675	312.78917	8.18282	0.0492236	0.17572196	3.1568360	20	6 25.3	19.8
355235 2007 CT_{6}	16.1	X	104.20535	34.19274	111.20188	11.76580	0.0725816	0.17374848	3.1806951	20	6 11.0	20.7
355236 2007 CW_{27}	16.0	X	123.71446	162.77632	317.57668	4.47030	0.1148064	0.17005670	3.2265635	20	6 4.9	20.9
355237 2007 CY_{28}	16.7	X	143.31053	202.39893	245.45963	2.65005	0.3393314	0.17274425	3.1930102	20	5 29.3	22.5
355238 2007 CS_{32}	15.8	X	311.84078	190.29534	140.72000	10.95813	0.1268424	0.17861901	3.1226089	20	6 28.4	19.9
355239 2007 CL_{55}	16.1	X	321.08730	148.57393	163.64269	9.88807	0.0819068	0.17487307	3.1670439	20	6 22.9	20.4
355240 2007 DA_{2}	16.2	X	108.28206	315.64444	195.19314	4.96008	0.1863593	0.17087749	3.2162230	20	7 3.7	21.2
355241 2007 DJ_{2}	14.9	X	54.08519	203.69332	344.61754	18.30070	0.0656690	0.16817432	3.2505955	20	5 24.7	19.7
355242 2007 DG_{11}	15.3	X	106.48670	266.98982	166.70462	10.15180	0.0554200	0.15157753	3.4837435	20	3 15.8	20.2
355243 2007 DK_{41}	15.4	X	71.86701	76.83984	107.68880	21.30380	0.1290168	0.16945814	3.2341569	20	6 27.9	20.0
355244 2007 DD_{54}	15.6	X	24.92913	121.38610	120.78767	26.42342	0.1252299	0.17418746	3.1753490	20	7 4.5	19.6
355245 2007 EA_{107}	16.0	X	84.38031	136.80134	131.00676	6.08976	0.1235991	0.18034838	3.1026150	20	10 26.8	20.7
355246 2007 EO_{168}	18.4	X	353.91862	131.39147	109.54190	2.32782	0.1091481	0.30553636	2.1832030	20	5 4.0	20.0
355247 2007 EH_{193}	15.6	X	206.69118	60.50950	341.08086	9.80279	0.1271399	0.17090913	3.2158260	20	5 19.5	20.9
355248 2007 GB_{38}	17.7	X	261.31240	164.47936	176.89907	4.28159	0.1563112	0.30460865	2.1876335	20	4 27.8	20.5
355249 2007 GE_{58}	18.2	X	331.84824	161.31139	90.73077	3.94647	0.1249278	0.30189455	2.2007254	20	4 7.9	20.2
355250 2007 HX_{24}	18.3	X	327.45019	80.37852	176.38129	3.78965	0.1497051	0.29921017	2.2138684	20	4 1.5	20.1
355251 2007 HV_{50}	18.3	X	351.82154	85.43282	166.83058	3.98861	0.1284736	0.30416222	2.1897735	20	5 18.1	20.0
355252 2007 HU_{56}	18.5	X	358.60051	85.42533	151.86467	3.37003	0.1248987	0.30279324	2.1963688	20	5 7.7	20.2
355253 2007 HL_{85}	17.5	X	301.49538	199.69874	89.47710	6.26201	0.1291227	0.29993718	2.2102896	20	4 14.1	19.9
355254 2007 JB_{26}	18.0	X	35.52315	19.89798	152.77301	4.36926	0.0803396	0.29776366	2.2210325	20	4 5.9	20.0
355255 2007 JE_{45}	17.3	X	184.16264	164.18561	149.13749	6.02658	0.2470158	0.27517201	2.3409917	20	1 12.2	21.2
355256 2007 KN_{4}	16.9	X	51.34507	51.17841	232.44963	12.54015	0.6311868	0.16131669	3.3420774	20	12 1.6	22.7
355257 2007 KM_{8}	17.5	X	270.03068	220.86108	72.37309	8.96182	0.1521368	0.29184518	2.2509596	20	3 8.6	20.7
355258 2007 LY_{4}	18.8	X	338.29867	114.27091	129.85138	2.79661	0.1429030	0.29854308	2.2171651	20	4 4.3	20.6
355259 2007 NT_{2}	17.4	X	287.14263	140.06906	136.96937	11.72335	0.2104779	0.28746146	2.2737862	20	2 24.9	20.5
355260 2007 OO_{3}	17.3	X	249.79216	146.73569	169.97659	4.97143	0.1651141	0.28520838	2.2857454	20	3 12.1	20.4
355261 2007 OY_{4}	16.9	X	243.42001	294.03874	0.98702	6.85572	0.1219338	0.27868263	2.3212903	20	2 12.8	20.2
355262 2007 OC_{7}	17.2	X	321.56370	164.66535	123.32704	6.83270	0.1584837	0.29619295	2.2288777	20	5 11.7	19.2
355263 2007 PZ_{6}	16.4	X	239.31491	333.56731	327.86711	27.96888	0.1865247	0.28295436	2.2978682	20	2 12.9	19.9
355264 2007 PE_{16}	17.1	X	193.24078	154.41733	138.62261	8.64123	0.2464121	0.26705042	2.3882175	20	—	—
355265 2007 PH_{16}	17.1	X	205.02573	189.65564	121.82943	7.56506	0.2550290	0.27188413	2.3598269	20	1 26.8	21.2
355266 2007 PM_{19}	16.9	X	144.57004	27.41930	314.33958	5.37511	0.1484091	0.26428259	2.4048630	20	1 4.3	20.1
355267 2007 PK_{24}	17.0	X	175.80641	52.11901	247.67593	4.30720	0.2253256	0.26429548	2.4047849	20	—	—
355268 2007 PK_{37}	17.3	X	312.14348	115.01297	161.96074	8.38997	0.1778226	0.29025481	2.2591744	20	4 3.7	19.6
355269 2007 PH_{47}	13.5	X	47.50765	148.53110	170.22841	22.58363	0.0499001	0.08144639	5.2709410	20	10 18.7	20.5
355270 2007 PQ_{47}	13.6	X	24.13198	170.09736	167.03028	17.90799	0.1368159	0.08207343	5.2440601	20	10 19.4	20.1
355271 2007 PA_{48}	17.0	X	197.31742	200.79626	119.69327	7.85015	0.1256285	0.27383424	2.3486099	20	1 28.5	20.5
355272 2007 QD_{9}	16.8	X	89.14385	37.86783	342.58951	7.88483	0.0365191	0.25869945	2.4393402	20	—	—
355273 2007 QX_{16}	17.5	X	34.10384	58.18919	287.93549	4.07839	0.2307335	0.24083832	2.5585014	20	12 28.9	20.9
355274 2007 QZ_{17}	17.7	X	48.41241	244.20581	176.70179	6.14264	0.0538885	0.25716065	2.4490616	20	—	—
355275 2007 RP_{4}	18.1	X	245.70223	27.69775	279.82593	2.54798	0.2075190	0.28009647	2.3134722	20	2 22.1	21.7
355276 2007 RF_{17}	17.7	X	251.22449	132.12032	175.35478	2.56282	0.1973182	0.27977645	2.3152360	20	2 28.4	21.3
355277 2007 RN_{18}	17.2	X	72.67737	27.73231	303.91209	11.53297	0.1507736	0.24641112	2.5197794	20	—	—
355278 2007 RS_{32}	16.3	X	336.80356	38.35970	4.58518	25.79073	0.2823625	0.23328145	2.6134603	20	12 11.0	19.1
355279 2007 RM_{33}	16.4	X	277.95485	297.81080	54.25199	4.30347	0.2570499	0.21426050	2.7659308	20	5 19.3	20.4
355280 2007 RQ_{41}	17.2	X	139.23809	320.07195	17.29928	3.07881	0.2254686	0.26090563	2.4255696	20	1 2.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355281 2007 RT_{42}	17.1	X	219.66353	74.52455	228.34445	4.81345	0.1745382	0.27134376	2.3629588	20	1 26.4	20.9
355282 2007 RV_{70}	17.1	X	27.33880	340.63042	140.11439	5.52398	0.0302456	0.26572515	2.3961515	20	1 10.7	20.0
355283 2007 RR_{80}	17.5	X	319.51338	279.79335	343.51272	4.38365	0.1666653	0.28735002	2.2743741	20	3 25.2	19.8
355284 2007 RB_{85}	16.8	X	304.58379	114.73878	346.88875	13.13768	0.1222228	0.24292694	2.5438155	20	12 29.6	19.7
355285 2007 RW_{92}	17.2	X	166.13615	325.66311	3.52343	6.73456	0.1347905	0.26295739	2.4129359	20	1 11.2	20.9
355286 2007 RN_{99}	13.9	X	165.47352	31.84491	171.31934	8.92504	0.0268196	0.08314823	5.1987711	20	10 14.8	20.9
355287 2007 RS_{101}	14.1	X	26.56130	187.44239	157.51163	8.03355	0.0549499	0.08295390	5.2068872	20	10 22.9	20.8
355288 2007 RG_{141}	17.4	X	148.10348	139.28540	205.43993	2.16206	0.2047760	0.26218105	2.4176969	20	1 17.4	21.0
355289 2007 RV_{145}	16.9	X	349.82536	52.41857	321.60291	5.92243	0.2422450	0.23106476	2.6301483	20	11 24.7	19.4
355290 2007 RB_{154}	17.9	X	195.25545	103.09518	195.35539	3.23553	0.1968886	0.26717075	2.3875003	20	1 2.4	21.7
355291 2007 RT_{155}	13.6	X	1.08168	197.35154	173.33743	14.13351	0.0486797	0.08196602	5.2486404	20	10 20.0	20.3
355292 2007 RA_{158}	16.9	X	27.50742	240.66505	133.60335	9.05379	0.1955356	0.24099186	2.5574146	20	—	—
355293 2007 RH_{160}	17.7	X	291.04446	254.63224	174.17460	7.47638	0.2905729	0.22569230	2.6717238	20	9 17.5	20.5
355294 2007 RS_{161}	17.9	X	264.56333	242.34318	55.77789	2.38713	0.2181324	0.28001216	2.3139366	20	2 28.9	21.5
355295 2007 RV_{177}	17.6	X	357.24237	285.52107	108.75971	4.03875	0.1271675	0.23719291	2.5846491	20	12 24.1	20.6
355296 2007 RV_{179}	16.1	X	345.02987	335.09323	39.66940	15.62678	0.1460929	0.22507907	2.6765743	20	11 4.1	18.9
355297 2007 RM_{185}	17.7	X	245.32598	255.05070	36.56968	2.52384	0.2156752	0.27486858	2.3427142	20	2 4.3	21.4
355298 2007 RV_{195}	16.8	X	345.38582	247.95817	200.41786	4.63387	0.1066269	0.24505836	2.5290439	20	—	—
355299 2007 RH_{200}	18.0	X	307.46439	95.05721	351.60978	5.59104	0.2388769	0.23349081	2.6118979	20	12 2.4	20.1
355300 2007 RK_{201}	17.6	X	350.51917	165.07744	203.75787	2.68710	0.2388995	0.23105870	2.6301943	20	11 20.1	19.8
355301 2007 RA_{239}	17.3	X	218.90211	350.37372	327.52241	6.78723	0.1311798	0.27391771	2.3481327	20	2 15.2	20.8
355302 2007 RS_{241}	15.7	X	238.48987	309.94992	170.61080	28.53570	0.1071237	0.23342614	2.6123802	20	10 14.2	19.5
355303 2007 RB_{245}	17.2	X	283.92928	234.55327	26.24093	11.33428	0.2128072	0.27528594	2.3403458	20	2 5.2	20.8
355304 2007 RL_{251}	17.6	X	347.86535	88.08216	312.32426	4.11530	0.2154886	0.23548797	2.5971094	20	12 28.7	20.0
355305 2007 RC_{273}	17.6	X	175.16191	11.79421	282.52645	1.97883	0.1354551	0.25770481	2.4456128	20	—	—
355306 2007 RV_{277}	16.9	X	308.13533	280.62608	126.66832	13.50408	0.2650871	0.22773650	2.6557118	20	10 5.2	19.3
355307 2007 RO_{280}	17.0	X	20.16875	95.49112	279.86530	8.57110	0.2160691	0.23834317	2.5763266	20	—	—
355308 2007 RC_{293}	17.2	X	335.74938	126.74882	3.39857	14.79852	0.0845792	0.25455036	2.4657757	20	—	—
355309 2007 RR_{297}	17.2	X	1.56618	308.40154	104.83080	2.83859	0.2113408	0.24382773	2.5375463	20	—	—
355310 2007 RB_{309}	13.9	X	295.40353	270.61809	169.33347	6.52359	0.0403112	0.08284409	5.2114872	20	10 17.6	20.7
355311 2007 RY_{309}	17.2	X	60.11562	307.02211	38.03935	4.55802	0.1591118	0.24458715	2.5322911	20	—	—
355312 2007 RZ_{310}	16.6	X	336.08287	283.24645	66.87963	12.29976	0.2782896	0.22641158	2.6660623	20	9 21.9	18.7
355313 2007 RZ_{320}	17.8	X	294.26572	156.32862	133.69016	1.47484	0.2108804	0.28590489	2.2820316	20	3 21.0	20.8
355314 2007 RP_{321}	17.1	X	201.90418	320.37953	353.42386	6.78057	0.1317636	0.26740607	2.3860995	20	1 27.2	20.8
355315 2007 RR_{322}	17.4	X	136.34803	345.88260	334.71871	6.38523	0.1143957	0.25545977	2.4599203	20	—	—
355316 2007 RZ_{323}	17.0	X	307.14423	103.52881	18.14456	17.02085	0.0703349	0.24229493	2.5482371	20	—	—
355317 2007 SN_{12}	17.3	X	348.83342	15.24117	12.07951	4.75183	0.2290810	0.23259761	2.6185802	20	12 11.8	19.8
355318 2007 SM_{14}	15.9	X	354.95596	156.46668	255.28461	11.07599	0.1900562	0.23388876	2.6089343	20	—	—
355319 2007 SB_{16}	17.5	X	346.61842	234.02463	168.22941	11.61888	0.2165876	0.23749576	2.5824513	20	12 29.2	20.3
355320 2007 SP_{16}	17.5	X	253.48446	114.26927	177.30771	5.46549	0.1783937	0.27874324	2.3209538	20	2 11.2	21.0
355321 2007 SF_{22}	17.1	X	251.97766	111.82353	336.19453	7.29591	0.2664514	0.21847856	2.7302149	20	8 22.3	21.0
355322 2007 TF	17.6	X	224.85640	339.97951	297.57126	9.07695	0.0982791	0.26845253	2.3798946	20	1 3.2	21.0
355323 2007 TR_{17}	17.4	X	269.95125	57.44593	8.56027	4.21575	0.3071546	0.21859636	2.7292340	20	8 9.6	21.1
355324 2007 TT_{26}	17.6	X	299.26023	229.54614	195.85155	3.91781	0.1752726	0.22778261	2.6553535	20	10 18.1	20.0
355325 2007 TH_{29}	18.1	X	26.29577	175.21059	205.06336	2.52810	0.1503323	0.23852552	2.5750133	20	—	—
355326 2007 TN_{45}	17.3	X	275.95576	280.82497	206.67360	6.18644	0.1775148	0.23286886	2.6165464	20	12 3.7	20.1
355327 2007 TL_{51}	17.6	X	354.53345	151.75284	219.09373	1.70586	0.1433656	0.23016600	2.6369907	20	11 17.6	20.2
355328 2007 TE_{52}	17.1	X	58.54758	298.83909	23.06346	4.51759	0.0346529	0.23271002	2.6177369	20	11 27.8	20.5
355329 2007 TY_{54}	17.9	X	355.85729	102.75213	280.62263	1.68260	0.1340832	0.23152451	2.6266653	20	12 6.1	20.9
355330 2007 TZ_{54}	17.6	X	333.84058	67.84219	302.65101	1.24539	0.2172562	0.22513694	2.6761157	20	10 8.1	19.6
355331 2007 TG_{56}	17.6	X	320.86744	188.65598	229.20932	3.37376	0.0538646	0.23033378	2.6357100	20	11 21.2	20.7
355332 2007 TV_{57}	17.4	X	328.14959	159.78665	210.36315	1.83226	0.2266190	0.22378385	2.6868921	20	9 22.5	19.5
355333 2007 TW_{64}	17.5	X	161.59260	184.51296	95.64175	1.92471	0.0865347	0.24504559	2.5291318	20	—	—
355334 2007 TV_{67}	17.5	X	303.14573	92.59241	324.30195	3.60484	0.2870378	0.22534810	2.6744436	20	9 24.9	19.8
355335 2007 TJ_{71}	17.0	X	310.56383	91.64029	333.15541	14.42146	0.1912694	0.23066212	2.6332082	20	11 1.1	19.8
355336 2007 TB_{77}	17.7	X	342.42594	118.09380	285.44547	2.85256	0.1947394	0.23247429	2.6195062	20	12 18.1	20.0
355337 2007 TA_{84}	17.1	X	60.60343	139.43772	230.32394	5.89164	0.0928082	0.24294777	2.5436700	20	—	—
355338 2007 TO_{84}	17.4	X	314.46255	49.85990	11.79539	7.24429	0.2381501	0.22742223	2.6581579	20	11 7.3	19.4
355339 2007 TS_{90}	17.4	X	313.47437	279.82457	119.76918	2.76384	0.2462979	0.22483595	2.6785035	20	10 2.8	19.5
355340 2007 TH_{110}	17.6	X	249.66239	96.79933	160.82434	1.58518	0.1427376	0.26120940	2.4236888	20	1 2.1	21.1
355341 2007 TT_{110}	17.1	X	350.07934	55.76976	333.61834	11.54443	0.2472734	0.23402174	2.6079459	20	12 22.0	19.8
355342 2007 TB_{112}	17.3	X	329.70500	34.19596	357.16718	13.85051	0.2649404	0.22874720	2.6478834	20	10 27.4	19.5
355343 2007 TK_{118}	17.4	X	41.18773	224.51460	143.33540	3.21505	0.1621879	0.23985585	2.5654832	20	—	—
355344 2007 TV_{121}	16.8	X	248.38392	299.25076	205.13021	12.84970	0.0920429	0.23259090	2.6186306	20	11 27.3	20.3
355345 2007 TF_{130}	16.7	X	10.10760	329.80686	41.41915	6.78552	0.2092953	0.23239821	2.6200779	20	12 23.9	19.8
355346 2007 TK_{136}	17.7	X	314.93741	228.14842	174.44985	2.60869	0.1591456	0.22852347	2.6496114	20	10 18.2	20.1
355347 2007 TU_{139}	16.9	X	341.17374	46.06100	352.31882	12.04569	0.1899858	0.23081745	2.6320267	20	12 4.4	19.8
355348 2007 TC_{153}	17.4	X	336.89185	122.82271	269.45692	2.90805	0.3173090	0.23024917	2.6363557	20	12 2.7	18.9
355349 2007 TG_{157}	16.9	X	307.99586	93.61447	313.22444	2.17887	0.2329503	0.22487127	2.6782230	20	9 29.4	19.1
355350 2007 TM_{159}	16.2	X	101.68122	289.08667	20.83736	15.01085	0.1226167	0.24077149	2.5589748	20	—	—
355351 2007 TP_{168}	16.7	X	179.62874	330.39949	0.31081	7.12563	0.1676788	0.26417382	2.4055231	20	1 29.2	20.5
355352 2007 TP_{172}	16.9	X	242.92317	153.19632	242.23622	2.79214	0.1024236	0.20919285	2.8104217	20	6 24.4	20.9
355353 2007 TS_{184}	16.8	X	26.74451	313.03139	47.82720	10.04989	0.0693027	0.23377763	2.6097611	20	12 11.9	20.2
355354 2007 TB_{198}	17.7	X	19.77757	165.01972	224.82182	6.20754	0.1492631	0.23913251	2.5706540	20	—	—
355355 2007 TQ_{198}	17.5	X	244.84094	349.12281	282.95258	1.38736	0.1859070	0.26678393	2.3898076	20	1 12.6	21.1
355356 2007 TB_{221}	16.9	X	346.66565	304.18983	156.98898	6.46766	0.0868382	0.25729234	2.4482258	20	—	—
355357 2007 TN_{223}	16.0	X	11.94939	265.96168	110.49477	13.08937	0.1974585	0.23366041	2.6106338	20	—	—
355358 2007 TS_{244}	17.2	X	20.26939	31.23050	350.33397	12.00280	0.1926040	0.23787280	2.5797217	20	—	—
355359 2007 TH_{246}	16.5	X	4.08490	23.66521	329.67511	13.74156	0.2648299	0.23020775	2.6366719	20	11 24.7	19.6
355360 2007 TB_{253}	17.5	X	269.37504	158.10136	53.60651	2.08392	0.1254083	0.25616643	2.4553943	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355361 2007 TR_{253}	17.5	X	290.12134	243.48900	30.54161	6.47383	0.1975178	0.27853238	2.3221250	20	2 28.7	20.7
355362 2007 TF_{254}	17.6	X	312.91275	27.23700	88.22403	3.72476	0.0860780	0.23913608	2.5706284	20	—	—
355363 2007 TP_{261}	16.8	X	69.68367	294.22146	35.61965	12.18033	0.0893667	0.23635888	2.5907257	20	12 29.9	20.7
355364 2007 TM_{262}	17.5	X	2.45721	180.57242	203.37601	1.62793	0.2311828	0.23279481	2.6171012	20	—	—
355365 2007 TF_{266}	17.3	X	314.57342	48.44927	173.48829	10.83444	0.1013354	0.27439860	2.3453885	20	1 30.9	20.4
355366 2007 TO_{272}	16.3	X	307.45165	37.64799	47.10910	14.43882	0.0710538	0.23257103	2.6187797	20	12 4.9	19.5
355367 2007 TA_{276}	17.2	X	291.30727	305.38003	324.49086	2.47907	0.2087208	0.27872290	2.3210667	20	2 19.9	20.5
355368 2007 TU_{287}	16.3	X	342.04766	338.94060	39.84097	17.16676	0.2854884	0.23030072	2.6359623	20	11 17.7	18.2
355369 2007 TP_{310}	17.5	X	341.99915	269.90294	123.01125	2.46388	0.1602877	0.23147797	2.6270173	20	11 28.5	20.0
355370 2007 TO_{314}	16.8	X	295.38708	15.74147	84.92063	3.63973	0.1541078	0.23309785	2.6148325	20	12 4.1	19.4
355371 2007 TE_{330}	16.7	X	277.83696	229.59636	224.31159	13.19147	0.1545989	0.22601293	2.6691964	20	10 21.1	19.8
355372 2007 TD_{331}	16.9	X	82.66654	48.90258	261.86090	3.72845	0.1968969	0.23775795	2.5805524	20	12 29.3	20.9
355373 2007 TE_{332}	16.7	X	304.23793	61.02394	28.69138	13.44251	0.0823949	0.23165355	2.6256898	20	12 5.3	20.0
355374 2007 TK_{332}	17.6	X	335.11433	115.25609	320.52748	2.08569	0.0962881	0.23549201	2.5970796	20	—	—
355375 2007 TL_{350}	13.3	X	186.29803	191.46661	348.26058	15.02598	0.0241796	0.08378796	5.1722755	20	10 5.2	20.4
355376 2007 TW_{353}	16.6	X	14.27461	246.77998	162.54010	6.77460	0.1009854	0.23886653	2.5725620	20	—	—
355377 2007 TW_{355}	16.4	X	326.02547	300.13537	118.68949	13.81373	0.2519371	0.23078213	2.6322952	20	12 10.8	18.6
355378 2007 TJ_{366}	17.5	X	12.70641	58.65185	319.59599	4.94852	0.1914778	0.23417030	2.6068428	20	—	—
355379 2007 TS_{376}	16.5	X	350.13550	335.06427	72.89260	12.04286	0.1242537	0.23587830	2.5942434	20	12 30.2	19.4
355380 2007 TT_{394}	17.4	X	289.19718	322.29478	131.04905	2.11115	0.0705450	0.23208687	2.6224205	20	11 21.2	20.5
355381 2007 TQ_{409}	16.5	X	320.31172	286.35635	104.40059	5.02530	0.0936342	0.22554603	2.6728788	20	10 15.5	19.6
355382 2007 TO_{411}	16.1	X	86.35497	343.65186	346.03639	15.15929	0.1169954	0.24208994	2.5496754	20	—	—
355383 2007 TM_{412}	17.2	X	8.05684	68.31508	332.07346	8.70347	0.2128839	0.23832702	2.5764429	20	—	—
355384 2007 TP_{422}	16.2	X	186.70258	278.63413	251.59911	14.11635	0.1495801	0.22018735	2.7160711	20	10 5.5	20.8
355385 2007 TQ_{423}	16.4	X	162.25845	221.11600	45.18613	10.68590	0.0393497	0.24265081	2.5457449	20	—	—
355386 2007 TB_{426}	17.6	X	52.99342	100.04318	246.67146	2.82583	0.2138394	0.23939485	2.5687757	20	—	—
355387 2007 TG_{437}	13.6	X	355.92843	216.33248	166.83613	4.54733	0.0625330	0.08280562	5.2131016	20	10 26.9	20.2
355388 2007 TU_{437}	17.5	X	350.28331	75.92340	301.97363	3.81744	0.1628404	0.23112171	2.6297162	20	11 21.3	20.2
355389 2007 TZ_{439}	17.6	X	194.80733	200.09367	23.42109	4.23488	0.0285435	0.24176265	2.5519760	20	—	—
355390 2007 TL_{441}	16.3	X	138.76102	248.24040	58.30802	14.45705	0.0661187	0.24589506	2.5233036	20	—	—
355391 2007 TA_{442}	17.1	X	326.83861	251.99401	164.75180	13.01339	0.1759097	0.23222126	2.6214087	20	12 5.6	19.9
355392 2007 TR_{442}	16.8	X	352.44456	75.68870	358.03411	15.41455	0.1248993	0.23917591	2.5703430	20	—	—
355393 2007 TC_{451}	16.8	X	281.23880	99.32999	43.75373	12.66150	0.0463919	0.23604755	2.5930032	20	—	—
355394 2007 UX	16.7	X	273.14657	30.50257	56.68538	12.52358	0.1801506	0.22360172	2.6883509	20	10 7.5	20.1
355395 2007 UE_{7}	16.8	X	290.36624	85.66837	308.98981	12.77045	0.2049906	0.22043171	2.7140635	20	8 10.5	19.8
355396 2007 UM_{9}	16.7	X	310.75845	329.36988	104.02151	6.73249	0.1915637	0.23078035	2.6323087	20	11 24.1	19.1
355397 2007 UK_{14}	16.4	X	63.19094	94.33716	272.61380	9.44520	0.1396186	0.24357111	2.5393284	20	—	—
355398 2007 UO_{17}	17.2	X	269.91974	56.86956	214.66787	2.09406	0.1504740	0.27229690	2.3574414	20	2 5.8	20.6
355399 2007 UH_{34}	16.8	X	347.36838	249.51371	140.09985	12.94606	0.3384082	0.23015862	2.6370471	20	12 30.5	19.2
355400 2007 US_{43}	17.1	X	346.50606	353.36146	93.47749	3.34780	0.0613821	0.24206476	2.5498522	20	—	—
355401 2007 UX_{46}	16.7	X	5.72462	307.13532	65.02111	5.79936	0.1961908	0.23083298	2.6319086	20	12 15.7	19.7
355402 2007 UP_{52}	16.6	X	80.97248	248.82194	103.31837	4.46675	0.1421715	0.24119328	2.5559906	20	—	—
355403 2007 UJ_{55}	17.0	X	251.05952	250.28403	222.27859	9.38082	0.1081432	0.22392153	2.6857906	20	10 13.7	20.6
355404 2007 UJ_{61}	17.3	X	262.82747	259.80774	213.84508	2.93452	0.2290317	0.22323425	2.6913003	20	10 13.4	20.7
355405 2007 UC_{67}	17.3	X	298.12860	232.64918	246.75060	2.01713	0.1360667	0.23798232	2.5789302	20	—	—
355406 2007 UU_{76}	17.5	X	300.99689	69.13276	33.25412	4.31371	0.1269390	0.23194025	2.6235256	20	12 17.9	20.2
355407 2007 UE_{78}	17.6	X	237.51639	93.44658	173.95452	1.47647	0.1443657	0.26093874	2.4253644	20	1 2.6	21.2
355408 2007 UK_{78}	17.4	X	326.40175	348.29979	103.19030	4.49642	0.1659747	0.23622081	2.5917351	20	—	—
355409 2007 UG_{87}	16.3	X	62.68930	244.55342	45.01422	12.53734	0.1474660	0.22510980	2.6763307	20	11 6.5	20.2
355410 2007 UX_{87}	17.6	X	169.26635	274.73687	41.52239	2.65267	0.1884665	0.25546548	2.4598836	20	1 2.7	21.3
355411 2007 UB_{94}	16.6	X	152.52660	221.53153	35.16593	6.93788	0.1033097	0.23796754	2.5790369	20	12 26.8	20.6
355412 2007 UR_{105}	17.2	X	353.06583	291.32154	107.84688	3.96751	0.1875479	0.23068009	2.6330715	20	12 30.1	19.9
355413 2007 UE_{108}	17.0	X	127.31571	41.38249	229.41062	7.29246	0.0828583	0.23494726	2.6010925	20	12 17.8	20.8
355414 2007 UW_{114}	16.9	X	247.03019	88.12768	40.37552	10.78817	0.1914527	0.22328371	2.6909028	20	10 19.8	20.5
355415 2007 UC_{116}	16.7	X	351.19911	303.57281	103.19772	3.11745	0.1674254	0.23242495	2.6198769	20	—	—
355416 2007 UE_{116}	16.9	X	69.55517	134.64709	212.88860	5.89329	0.1387074	0.23883102	2.5728170	20	—	—
355417 2007 UB_{122}	17.4	X	241.17100	99.27309	52.59042	2.30397	0.0756312	0.23000513	2.6382202	20	11 28.0	20.7
355418 2007 UV_{126}	17.0	X	316.38967	328.29076	89.49110	3.72644	0.1662107	0.22744213	2.6580029	20	11 12.2	19.5
355419 2007 UF_{127}	17.2	X	163.51716	222.78552	63.15481	5.37340	0.1285229	0.24623633	2.5209716	20	—	—
355420 2007 UJ_{127}	16.6	X	216.44613	65.93399	76.46402	10.34586	0.0538547	0.21979248	2.7193232	20	10 21.6	20.5
355421 2007 UC_{128}	17.0	X	276.56894	259.35738	226.86311	1.59990	0.1520226	0.22973962	2.6402524	20	12 5.0	20.0
355422 2007 UO_{138}	17.1	X	304.16142	260.66609	179.62079	11.71879	0.1662206	0.23046750	2.6346904	20	11 22.3	19.9
355423 2007 VH_{2}	16.6	X	54.90264	44.71850	331.15165	5.90692	0.2196552	0.24220687	2.5488547	20	—	—
355424 2007 VR_{2}	16.6	X	331.17788	124.71532	260.85714	5.02919	0.0360818	0.22221146	2.6995523	20	10 20.4	20.0
355425 2007 VM_{9}	16.5	X	23.59097	86.73983	265.58290	7.54943	0.2008690	0.23103186	2.6303980	20	12 16.9	19.9
355426 2007 VP_{9}	16.6	X	16.01018	133.16423	234.50548	7.25166	0.2005251	0.23216348	2.6218436	20	12 26.1	19.9
355427 2007 VQ_{22}	17.4	X	297.18994	247.76171	302.07168	2.27466	0.1223512	0.25491627	2.4634155	20	—	—
355428 2007 VQ_{25}	16.2	X	156.42788	216.83427	61.50303	16.03577	0.1014609	0.24431268	2.5341873	20	—	—
355429 2007 VC_{37}	16.7	X	344.17892	249.05468	138.35765	12.12904	0.2032297	0.23004432	2.6379206	20	12 1.6	19.5
355430 2007 VY_{40}	16.6	X	114.09345	203.94315	99.60362	5.51876	0.0776543	0.24040512	2.5615740	20	—	—
355431 2007 VS_{42}	16.4	X	261.27809	346.46105	68.96566	10.32221	0.1220088	0.20627026	2.8369062	20	8 13.7	20.4
355432 2007 VQ_{45}	17.7	X	322.52122	88.55965	2.42732	6.56822	0.0844580	0.23560454	2.5962526	20	—	—
355433 2007 VY_{56}	16.7	X	7.56710	249.62882	103.66671	6.04301	0.1014154	0.22603632	2.6690122	20	11 10.6	19.9
355434 2007 VR_{57}	16.4	X	316.05161	279.91279	68.91824	14.17879	0.2376296	0.21629989	2.7485176	20	7 20.2	19.3
355435 2007 VD_{60}	16.5	X	282.63420	204.99587	246.50280	12.92797	0.2142083	0.22514218	2.6760741	20	10 13.6	19.7
355436 2007 VR_{62}	16.5	X	1.79675	342.80779	50.07983	12.47185	0.0738763	0.23069377	2.6329673	20	12 18.9	19.9
355437 2007 VA_{63}	16.8	X	110.34385	66.00037	244.21006	3.42304	0.2144692	0.24013866	2.5634686	20	—	—
355438 2007 VK_{65}	16.7	X	78.95818	314.47178	33.33118	0.80149	0.2118380	0.24002687	2.5642645	20	—	—
355439 2007 VR_{66}	17.3	X	263.53521	166.94749	348.05356	3.47068	0.0527608	0.23427773	2.6060458	20	—	—
355440 2007 VK_{67}	17.7	X	247.93731	262.46919	42.63689	2.72305	0.2311275	0.27636621	2.3342431	20	2 22.2	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355441 2007 VV_{72}	16.9	X	348.44599	320.99065	63.67780	5.06669	0.1721621	0.22693936	2.6619272	20	11 28.1	19.4
355442 2007 VM_{80}	16.8	X	90.08363	291.79569	55.75908	2.71603	0.1312869	0.24206621	2.5498420	20	—	—
355443 2007 VS_{86}	16.3	X	237.43841	241.13165	248.59143	12.21532	0.1507530	0.22395109	2.6855542	20	10 9.8	20.2
355444 2007 VU_{98}	16.6	X	278.42063	245.37972	239.17089	10.63459	0.1474358	0.23126498	2.6286301	20	12 6.9	19.6
355445 2007 VX_{110}	17.9	X	350.50809	107.38917	269.83841	0.77029	0.2528086	0.22793599	2.6541621	20	12 2.9	20.2
355446 2007 VZ_{127}	17.2	X	66.93975	334.33567	8.93756	4.84536	0.0361780	0.24144534	2.5542113	20	—	—
355447 2007 VH_{133}	17.5	X	338.04918	18.08707	64.27970	5.33074	0.1042907	0.23788109	2.5796618	20	—	—
355448 2007 VQ_{135}	16.6	X	261.72515	56.67587	18.40701	13.89849	0.1437863	0.21786714	2.7353206	20	9 9.1	20.3
355449 2007 VH_{148}	16.4	X	251.78470	0.68626	107.97625	6.07133	0.1182464	0.21913374	2.7247702	20	10 11.9	20.1
355450 2007 VO_{153}	17.5	X	191.41628	53.69684	248.99286	3.94088	0.1590237	0.26202228	2.4186734	20	1 3.2	21.2
355451 2007 VT_{154}	17.2	X	230.08997	196.23545	346.39633	4.15238	0.1264080	0.23303795	2.6152805	20	12 16.3	20.8
355452 2007 VM_{191}	16.4	X	261.58844	302.21818	71.72045	14.26351	0.2165786	0.21229356	2.7829891	20	6 3.5	20.5
355453 2007 VL_{207}	16.7	X	53.13741	230.27582	115.18283	12.37622	0.2034667	0.23818129	2.5774938	20	—	—
355454 2007 VJ_{209}	17.8	X	45.71702	197.82923	177.24757	4.38017	0.1683272	0.24294144	2.5437142	20	—	—
355455 2007 VC_{212}	17.4	X	250.48115	85.64853	113.23238	3.24507	0.1091496	0.24118655	2.5560381	20	—	—
355456 2007 VD_{221}	16.8	X	280.65867	77.50196	80.48040	9.76891	0.1051747	0.23849918	2.5752029	20	—	—
355457 2007 VB_{228}	16.3	X	21.40944	92.61980	276.29271	6.09851	0.2002319	0.23310828	2.6147545	20	—	—
355458 2007 VG_{228}	17.3	X	355.98682	223.82328	163.98976	13.95671	0.2598090	0.23204679	2.6227225	20	12 31.3	20.3
355459 2007 VU_{230}	17.5	X	318.52477	345.98647	52.81401	3.43677	0.1994338	0.22419729	2.6835878	20	10 17.0	19.9
355460 2007 VD_{234}	16.6	X	109.44768	35.92360	269.59955	4.44689	0.2497319	0.24048320	2.5610195	20	—	—
355461 2007 VH_{235}	17.3	X	172.99263	108.59392	209.17927	1.52019	0.1752748	0.25444218	2.4664746	20	1 6.7	21.1
355462 2007 VB_{239}	16.2	X	308.93546	339.59000	67.96787	8.74662	0.0516705	0.22118355	2.7079096	20	10 22.1	19.6
355463 2007 VB_{255}	16.4	X	271.85877	213.28042	202.70958	14.52875	0.1721332	0.22265963	2.6959287	20	8 14.1	20.2
355464 2007 VK_{265}	16.9	X	48.44726	325.10402	24.86639	3.73454	0.1571825	0.23378325	2.6097192	20	—	—
355465 2007 VA_{274}	16.5	X	330.70822	59.18951	302.87275	11.85069	0.2822195	0.22293666	2.6936948	20	9 6.9	18.6
355466 2007 VS_{283}	17.5	X	341.76735	289.76890	83.13522	2.03801	0.1030411	0.22241895	2.6978731	20	10 24.4	20.5
355467 2007 VZ_{297}	16.9	X	297.14095	261.69412	170.90605	13.38017	0.1845458	0.22601384	2.6691892	20	10 25.9	19.8
355468 2007 VE_{298}	16.8	X	19.68852	228.89051	142.04798	13.74732	0.1540207	0.23402927	2.6078899	20	12 29.6	20.3
355469 2007 VY_{301}	18.0	X	96.47211	256.01111	176.89375	21.71677	0.0557937	0.41826082	1.7708071	20	1 16.1	19.9
355470 2007 VA_{303}	16.6	X	328.26100	234.45494	149.92101	15.36564	0.1558889	0.22439123	2.6820413	20	10 22.4	19.6
355471 2007 VZ_{305}	16.7	X	200.24574	1.16905	74.76625	3.14925	0.0829885	0.19627227	2.9324464	20	6 29.9	21.2
355472 2007 VF_{307}	16.7	X	119.09020	242.18013	72.89559	6.28466	0.2170014	0.24138165	2.5546606	20	—	—
355473 2007 VR_{309}	17.1	X	302.08870	344.85916	77.20804	4.45323	0.0699997	0.22155837	2.7048547	20	10 28.2	20.3
355474 2007 VM_{311}	17.2	X	57.20771	297.28961	72.57946	5.25791	0.0568929	0.23784033	2.5799565	20	—	—
355475 2007 VU_{312}	16.5	X	246.18162	53.92552	69.27741	9.49938	0.1195570	0.21625879	2.7488658	20	10 23.1	20.3
355476 2007 VG_{314}	17.0	X	212.79546	118.15864	158.83511	4.21368	0.1664039	0.25582065	2.4576063	20	—	—
355477 2007 VU_{318}	17.3	X	58.10313	317.16858	58.57534	3.15217	0.0977295	0.24079894	2.5587803	20	—	—
355478 2007 VZ_{320}	16.7	X	151.67247	163.16157	70.75423	8.83414	0.0208727	0.23053599	2.6341685	20	11 29.3	20.2
355479 2007 VG_{332}	16.2	X	223.93142	99.32948	275.98100	10.70534	0.0824530	0.19478118	2.9473930	20	5 7.8	20.8
355480 2007 VJ_{332}	15.8	X	172.75058	152.66233	309.39062	10.54126	0.0546901	0.18997180	2.9969302	20	7 3.9	20.2
355481 2007 VD_{335}	16.7	X	57.89857	20.66726	274.31368	5.41593	0.1323338	0.22088035	2.7103872	20	11 3.3	20.5
355482 2007 WS_{5}	16.0	X	339.22271	164.81296	259.14493	13.95572	0.0251815	0.23321674	2.6139437	20	12 24.0	19.4
355483 2007 WB_{27}	16.5	X	70.27879	289.79489	44.82159	6.61852	0.1444183	0.23405313	2.6077128	20	—	—
355484 2007 WN_{27}	16.4	X	293.40852	349.56184	47.28985	7.74110	0.1405121	0.21563715	2.7541462	20	9 3.2	19.7
355485 2007 WC_{28}	17.0	X	319.67698	44.18673	5.39808	3.95165	0.1036502	0.22368377	2.6876935	20	11 4.8	20.1
355486 2007 WK_{34}	17.0	X	241.81988	87.54508	18.05972	4.93912	0.0619643	0.21796717	2.7344836	20	9 30.5	20.6
355487 2007 WG_{40}	15.9	X	34.88967	61.29572	302.92233	8.64234	0.1968060	0.23521374	2.5991275	20	—	—
355488 2007 WZ_{58}	16.4	X	266.57108	173.90587	237.74270	15.08356	0.1506608	0.21194955	2.7859996	20	8 1.7	20.5
355489 2007 WK_{61}	16.5	X	260.82338	177.77071	295.71636	9.97454	0.0620787	0.22518660	2.6757222	20	11 1.8	20.2
355490 2007 WV_{62}	17.1	X	357.83146	323.86108	87.43303	4.32553	0.0663783	0.23239753	2.6200830	20	—	—
355491 2007 XV_{2}	16.7	X	332.04001	272.18347	99.89519	5.16444	0.1150108	0.21444888	2.7643108	20	10 6.9	19.9
355492 2007 XP_{4}	16.4	X	308.10442	306.10842	81.17862	8.92254	0.2870223	0.21935937	2.7229015	20	8 25.9	19.0
355493 2007 XD_{15}	16.6	X	212.15607	57.95600	83.16587	17.26765	0.1948265	0.21462916	2.7627626	20	10 4.6	21.3
355494 2007 XN_{19}	16.5	X	286.74216	166.06787	267.43258	11.30564	0.1131069	0.22208977	2.7005383	20	10 8.2	20.0
355495 2007 XP_{20}	17.5	X	304.10915	123.29725	286.31930	1.45320	0.1905954	0.22037191	2.7145545	20	9 29.6	20.1
355496 2007 XB_{30}	16.1	X	274.35563	188.06051	236.81206	7.24775	0.0942881	0.21682207	2.7441029	20	9 11.5	19.7
355497 2007 XQ_{31}	16.9	X	266.14088	9.53089	87.28483	10.64641	0.1752187	0.22098830	2.7095044	20	10 10.3	20.5
355498 2007 XW_{34}	16.2	X	239.50993	241.67781	282.45082	7.70360	0.0833112	0.22896025	2.6462405	20	12 10.2	19.6
355499 2007 XL_{40}	16.3	X	222.20645	116.64232	7.37533	4.15539	0.1523298	0.21137887	2.7910118	20	9 18.1	20.3
355500 2007 XD_{59}	16.0	X	203.46757	295.34560	276.95687	13.42695	0.0701343	0.23070624	2.6328724	20	12 28.7	19.5
355501 2007 YB_{3}	16.5	X	311.30382	304.43051	91.41094	5.52556	0.0766616	0.21197728	2.7857566	20	10 6.2	20.0
355502 2007 YK_{10}	16.6	X	52.42111	291.41166	27.67537	6.33974	0.0516920	0.21705989	2.7420981	20	11 15.3	20.4
355503 2007 YP_{10}	16.3	X	112.94233	315.96793	319.75779	12.50960	0.1283410	0.21909152	2.7251203	20	12 7.0	20.8
355504 2007 YS_{27}	17.0	X	11.64072	285.33644	29.47997	4.70096	0.0344536	0.20674637	2.8325491	20	9 14.8	20.7
355505 2007 YL_{45}	16.1	X	76.09879	131.54216	126.56870	12.48894	0.1020136	0.20389130	2.8589304	20	10 9.4	20.4
355506 2007 YN_{46}	16.1	X	53.17514	130.25176	120.28745	7.47704	0.0637164	0.19718227	2.9234173	20	8 20.7	20.0
355507 2007 YX_{49}	16.3	X	153.52673	265.09182	303.29115	5.80830	0.0206291	0.21368257	2.7709157	20	10 23.9	20.3
355508 2007 YU_{50}	16.7	X	174.37257	68.09547	108.02502	4.87136	0.0342484	0.21135366	2.7912337	20	10 12.6	20.7
355509 2007 YB_{52}	16.7	X	219.24465	46.78397	100.99777	6.66318	0.1169141	0.21841178	2.7307714	20	10 22.4	20.7
355510 2007 YO_{57}	16.8	X	259.71686	185.73296	263.08434	4.66302	0.0962085	0.21660938	2.7458989	20	9 23.5	20.5
355511 2007 YR_{62}	17.0	X	170.02620	153.93271	301.71709	2.58213	0.0754682	0.18886614	3.0086152	20	6 21.9	21.4
355512 2007 YP_{63}	16.9	X	231.12296	326.15164	71.12112	2.88899	0.2036498	0.19516963	2.9434809	20	6 3.9	21.6
355513 2007 YX_{63}	16.5	X	228.70038	114.32457	302.72566	10.97103	0.0290466	0.19660783	2.9291088	20	7 14.6	20.6
355514 2007 YO_{65}	16.7	X	357.36157	235.67839	129.32423	5.24791	0.1187084	0.21372359	2.7705612	20	11 9.0	19.9
355515 2007 YU_{68}	16.6	X	330.42275	46.83993	350.15672	5.83629	0.0311431	0.21842585	2.7306541	20	11 2.2	20.2
355516 2008 AV_{21}	17.3	X	196.57158	131.05156	327.39204	8.58744	0.2267273	0.19702470	2.9249758	20	7 19.3	22.4
355517 2008 AC_{26}	16.8	X	53.05904	159.68529	71.53214	2.87298	0.1691215	0.18845171	3.0130245	20	8 9.9	20.7
355518 2008 AR_{27}	16.1	X	65.98054	57.75965	140.69040	7.65075	0.0871084	0.18196713	3.0841874	20	7 1.5	20.3
355519 2008 AE_{38}	16.9	X	35.32619	174.72731	142.07148	7.28635	0.0191854	0.21063449	2.7975835	20	10 19.5	20.7
355520 2008 AO_{46}	17.2	X	36.86837	121.16421	239.53381	0.89182	0.1072679	0.23020081	2.6367249	20	12 30.5	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355521 2008 AV_{47}	16.4	X	301.83106	281.99715	105.04651	7.28562	0.0962150	0.21065671	2.7973868	20	9 7.2	19.9
355522 2008 AX_{47}	16.8	X	325.19029	301.82057	99.75274	3.70119	0.1167788	0.21940310	2.7225397	20	11 4.6	19.8
355523 2008 AZ_{53}	17.5	X	304.94301	92.58167	326.38291	1.78604	0.0802028	0.21525487	2.7574060	20	10 23.9	20.8
355524 2008 AW_{59}	16.6	X	347.45263	64.76432	244.86823	1.03765	0.0661079	0.19767099	2.9185967	20	8 1.1	20.1
355525 2008 AK_{64}	16.2	X	118.63185	122.49770	139.52682	13.46191	0.2073289	0.21138650	2.7909446	20	12 1.4	21.1
355526 2008 AK_{75}	17.0	X	287.10961	252.72387	156.76283	4.49705	0.1024063	0.20982096	2.8048101	20	9 11.3	20.4
355527 2008 AE_{80}	15.6	X	108.32771	288.90498	310.74004	13.82444	0.1136266	0.20404700	2.8574759	20	10 10.3	20.2
355528 2008 AN_{84}	16.2	X	54.41349	113.18690	122.87067	13.28032	0.0942388	0.19086350	2.9875886	20	8 6.5	20.2
355529 2008 AZ_{84}	16.9	X	281.76020	313.48572	84.54058	3.23811	0.0705830	0.20402362	2.8576942	20	8 23.8	20.6
355530 2008 AX_{85}	16.2	X	77.82742	108.53440	114.46681	6.55851	0.0930137	0.19542146	2.9409516	20	8 21.5	20.3
355531 2008 AM_{93}	16.9	X	297.92028	300.33896	88.15040	5.84490	0.1637229	0.20912922	2.8109918	20	8 23.8	20.2
355532 2008 AN_{96}	16.9	X	272.01852	5.69670	80.31487	5.98586	0.1237817	0.21274900	2.7790159	20	10 8.0	20.4
355533 2008 AQ_{100}	16.6	X	186.49533	308.89055	293.00608	8.53212	0.0311876	0.22380030	2.6867604	20	—	—
355534 2008 AG_{106}	17.0	X	257.32333	1.37256	83.58931	5.38542	0.1722755	0.21226119	2.7832720	20	9 8.5	20.8
355535 2008 AS_{107}	16.4	X	211.81503	216.50895	274.99900	3.36458	0.0559912	0.20903572	2.8118299	20	9 23.8	20.5
355536 2008 AS_{108}	16.3	X	273.70484	63.28957	296.16072	10.64168	0.0458986	0.19325268	2.9629140	20	6 24.4	20.4
355537 2008 AW_{116}	16.8	X	119.17070	346.09441	151.61317	5.92407	0.0968551	0.18537010	3.0463252	20	6 20.7	21.3
355538 2008 AY_{135}	15.9	X	142.29062	73.78252	94.48343	12.08669	0.0380717	0.19762605	2.9190392	20	8 25.3	20.3
355539 2008 AM_{136}	16.1	X	105.77863	219.97911	288.84140	7.10028	0.1207562	0.18310367	3.0714116	20	6 22.4	20.6
355540 2008 AC_{137}	16.4	X	268.46023	268.68266	146.95610	16.42931	0.2491700	0.20920823	2.8102840	20	7 30.5	20.3
355541 2008 BS_{4}	16.8	X	219.71172	154.37269	348.71841	4.73538	0.1049411	0.21168737	2.7882995	20	10 12.8	20.9
355542 2008 BX_{10}	16.7	X	249.48904	325.35115	112.29099	9.30119	0.2024903	0.20979986	2.8049982	20	8 14.8	20.8
355543 2008 BP_{13}	16.9	X	291.65302	332.37768	94.20225	5.89998	0.0510990	0.21429193	2.7656603	20	10 20.4	20.5
355544 2008 BK_{19}	16.8	X	284.37412	161.64136	270.28671	2.97570	0.0819152	0.21477775	2.7614882	20	10 8.9	20.2
355545 2008 BK_{21}	16.7	X	153.65751	315.42272	158.96838	1.65558	0.1235709	0.18714555	3.0270276	20	6 29.5	21.5
355546 2008 BO_{21}	16.3	X	81.23220	254.50293	338.90082	1.37803	0.2406152	0.19099449	2.9862225	20	9 23.7	20.9
355547 2008 BD_{22}	18.0	X	246.13970	57.49125	121.83016	24.50599	0.1499554	0.38405321	1.8744554	20	—	—
355548 2008 BS_{24}	18.3	X	354.10403	148.36625	305.90514	19.48009	0.0782613	0.39231143	1.8480572	20	—	—
355549 2008 BZ_{48}	17.1	X	141.32003	130.05980	332.89916	1.00763	0.1617692	0.18119601	3.0929314	20	6 5.4	22.0
355550 2008 BQ_{53}	16.7	X	148.76649	98.39668	33.84467	0.30541	0.0987337	0.18748390	3.0233846	20	7 15.9	21.3
355551 2008 BW_{53}	15.9	X	170.41257	246.19759	176.37427	23.32872	0.1991163	0.17714077	3.1399570	20	5 17.8	21.5
355552 2008 BC_{54}	15.3	X	81.32962	172.60851	8.24929	28.53955	0.1194311	0.17719888	3.1392704	20	7 9.5	20.4
355553 2008 CQ_{2}	16.1	X	91.64557	25.69340	142.05131	10.07094	0.1657122	0.18095652	3.0956597	20	7 5.4	20.7
355554 2008 CH_{10}	15.6	X	40.89902	242.64209	350.47432	25.17160	0.2535893	0.18021482	3.1041477	20	8 16.0	19.7
355555 2008 CY_{10}	16.0	X	322.46866	192.11359	127.76442	11.19555	0.1012334	0.18984105	2.9983061	20	7 3.8	19.7
355556 2008 CX_{11}	16.0	X	141.26483	286.00164	136.67081	15.77046	0.2467540	0.17858527	3.1230023	20	4 29.2	21.5
355557 2008 CH_{16}	15.2	X	13.46581	244.30604	54.55858	12.83627	0.0321125	0.19421336	2.9531350	20	8 30.7	19.4
355558 2008 CB_{18}	16.1	X	195.88348	262.01532	160.87506	11.08157	0.1248448	0.18531303	3.0469506	20	6 8.4	21.1
355559 2008 CN_{20}	17.1	X	279.22091	282.45197	137.88055	4.88167	0.1396971	0.20867207	2.8150957	20	9 9.0	20.5
355560 2008 CU_{22}	16.7	X	235.92833	244.58061	185.04367	3.93635	0.2143647	0.20266609	2.8704412	20	7 17.2	21.3
355561 2008 CX_{27}	16.4	X	125.59967	242.93245	334.68039	14.35766	0.0984495	0.20339241	2.8636035	20	10 1.6	20.9
355562 2008 CA_{33}	16.2	X	110.95774	102.02869	130.08575	6.91642	0.0298320	0.20302995	2.8670106	20	10 7.0	20.3
355563 2008 CE_{37}	15.7	X	57.26144	262.84575	323.72393	11.68383	0.0671602	0.18756677	3.0224941	20	7 25.9	19.8
355564 2008 CN_{41}	15.5	X	43.16982	233.90943	331.02096	26.36302	0.1068109	0.17856050	3.1232910	20	6 9.8	20.1
355565 2008 CL_{46}	16.0	X	117.40283	149.46305	317.63254	7.71527	0.0360677	0.17427021	3.1743437	20	4 30.5	20.8
355566 2008 CM_{46}	16.2	X	34.88907	295.88326	274.85484	3.32417	0.0646434	0.17725512	3.1386064	20	5 31.3	20.2
355567 2008 CM_{59}	17.1	X	136.98369	330.16730	153.72208	10.95859	0.0759159	0.18612057	3.0381308	20	6 21.6	21.8
355568 2008 CW_{61}	16.7	X	106.56389	156.59593	355.15854	4.74953	0.1006995	0.18205074	3.0832430	20	6 24.5	21.2
355569 2008 CY_{62}	16.5	X	172.93870	237.93885	304.72472	10.48153	0.0850675	0.21155807	2.7894355	20	10 8.7	20.9
355570 2008 CW_{67}	15.7	X	301.91554	195.16305	143.03905	14.02110	0.0950183	0.18663951	3.0324966	20	6 27.9	19.9
355571 2008 CA_{76}	15.6	X	139.32894	106.42085	0.79583	15.05688	0.1011592	0.18001172	3.1064822	20	6 1.3	20.6
355572 2008 CQ_{76}	16.1	X	251.47810	93.45727	17.05506	5.02450	0.1218290	0.21397740	2.7683699	20	10 9.3	19.6
355573 2008 CG_{82}	16.2	X	211.34438	25.76347	352.93121	9.77061	0.0198280	0.17849167	3.1240939	20	4 30.9	20.9
355574 2008 CR_{83}	15.9	X	356.79018	258.60556	339.98608	12.27635	0.2336837	0.17404113	3.1771285	20	4 30.5	19.4
355575 2008 CT_{84}	17.0	X	175.76159	136.03137	325.07804	2.59237	0.1021537	0.18889143	3.0083466	20	7 5.1	21.6
355576 2008 CQ_{85}	16.4	X	164.50643	323.07545	125.09675	6.38717	0.1722186	0.18526971	3.0474255	20	6 9.6	21.5
355577 2008 CW_{93}	16.0	X	34.64048	259.11267	353.34851	16.47901	0.1114485	0.18617860	3.0374994	20	8 7.1	20.1
355578 2008 CN_{98}	16.9	X	94.64292	87.65821	139.29666	2.59158	0.0258691	0.19855565	2.9099211	20	9 6.7	21.0
355579 2008 CV_{98}	16.8	X	337.70358	23.51203	340.85686	1.34464	0.0799654	0.20474361	2.8509908	20	9 30.3	20.1
355580 2008 CY_{99}	16.2	X	218.16695	51.40903	334.24482	10.75704	0.1387850	0.18425897	3.0585597	20	5 9.2	21.3
355581 2008 CK_{103}	14.9	X	346.07208	351.19396	327.14944	21.96611	0.3639391	0.18867281	3.0106701	20	8 12.5	16.5
355582 2008 CC_{111}	16.2	X	212.47071	284.25839	103.26505	6.99743	0.1794573	0.18572784	3.0424121	20	5 10.2	21.3
355583 2008 CL_{113}	16.5	X	130.05621	181.60494	359.71719	5.31260	0.0663346	0.19647583	2.9304206	20	8 26.5	20.8
355584 2008 CV_{115}	16.0	X	345.60078	164.23870	124.08294	11.52311	0.0746160	0.18335972	3.0685515	20	6 29.6	20.0
355585 2008 CE_{125}	16.4	X	285.38258	312.41576	101.86347	10.37061	0.1508701	0.21337175	2.7736060	20	9 13.2	19.9
355586 2008 CR_{127}	16.1	X	315.45934	144.14733	150.89749	10.86392	0.0556577	0.18202728	3.0835078	20	5 28.4	20.4
355587 2008 CE_{128}	15.9	X	250.47186	35.74262	330.22850	8.90667	0.0677161	0.18491806	3.0512877	20	5 28.8	20.5
355588 2008 CL_{133}	16.0	X	281.85071	160.66867	152.37142	13.91509	0.0701921	0.17743661	3.1364658	20	5 6.3	20.6
355589 2008 CY_{135}	16.2	X	328.35120	155.47320	149.14971	15.72716	0.1003696	0.18486027	3.0519236	20	6 23.5	20.3
355590 2008 CK_{140}	15.9	X	179.20651	103.15622	340.50358	10.34747	0.1129385	0.18524671	3.0476778	20	6 16.3	20.9
355591 2008 CV_{142}	16.1	X	54.97456	122.45207	146.71733	3.32028	0.2394637	0.18485723	3.0519571	20	10 10.2	20.3
355592 2008 CH_{147}	15.8	X	261.23310	42.54364	312.95481	9.20878	0.1292896	0.18462222	3.0545465	20	5 19.7	20.5
355593 2008 CU_{153}	16.2	X	148.23891	80.49155	358.74060	14.93870	0.1247328	0.17824639	3.1269592	20	5 6.4	21.3
355594 2008 CF_{168}	16.3	X	176.78436	247.60080	172.44425	9.93757	0.1007809	0.17679654	3.1440314	20	5 18.0	21.3
355595 2008 CO_{179}	15.4	X	36.73186	207.26862	17.96343	16.09975	0.2249027	0.18070420	3.0985408	20	7 18.9	19.4
355596 2008 CF_{182}	15.9	X	276.43659	251.04478	120.94235	10.63894	0.0378124	0.18965649	3.0002509	20	7 14.9	20.0
355597 2008 CN_{185}	15.9	X	270.37320	83.24769	335.09185	16.07497	0.0595333	0.20321953	2.8652273	20	9 2.7	19.7
355598 2008 CO_{195}	16.5	X	22.41298	335.24609	343.16307	5.18940	0.0626824	0.20261868	2.8708890	20	10 3.8	20.3
355599 2008 CF_{196}	15.9	X	61.42339	190.63560	16.24920	10.58191	0.1498035	0.17669604	3.1452234	20	7 18.5	20.3
355600 2008 CF_{199}	16.6	X	56.83419	359.25758	238.23666	1.78600	0.1747891	0.18769255	3.0211435	20	8 22.2	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355601 2008 CW_{202}	16.2	X	39.78464	285.52896	326.91416	8.40548	0.1122757	0.18667835	3.0320760	20	8 9.6	19.9
355602 2008 CL_{213}	16.1	X	152.54029	264.09540	179.46601	13.67857	0.1494048	0.17529413	3.1619705	20	5 24.7	21.4
355603 2008 CH_{215}	15.4	X	347.66565	290.77419	346.15808	22.30252	0.0685395	0.18528090	3.0473029	20	6 17.9	19.8
355604 2008 DO_{9}	15.3	X	304.12418	311.69045	322.42805	25.90113	0.1563362	0.17391449	3.1786707	20	3 16.8	20.1
355605 2008 DG_{13}	16.6	X	157.75002	330.84067	140.99798	5.98467	0.1081591	0.18584281	3.0411573	20	6 29.8	21.5
355606 2008 DU_{13}	15.8	X	221.30867	55.95803	317.35420	8.30808	0.0642268	0.18003211	3.1062476	20	5 3.1	20.5
355607 2008 DV_{24}	16.1	X	198.33947	82.42520	5.47764	8.41153	0.0591534	0.19029726	2.9935121	20	7 16.0	20.6
355608 2008 DX_{25}	17.7	X	292.12233	294.21781	173.79617	23.09586	0.0468469	0.37604757	1.9009653	20	—	—
355609 2008 DC_{27}	15.4	X	45.18111	81.75048	149.71504	27.27423	0.1106000	0.18065128	3.0991459	20	7 19.3	19.8
355610 2008 DF_{27}	15.3	X	28.14405	221.03854	344.37681	17.67697	0.0459754	0.17412089	3.1761582	20	5 5.6	19.9
355611 2008 DT_{32}	15.9	X	115.16025	85.14439	143.25027	6.96044	0.0774160	0.19891595	2.9064062	20	10 10.2	20.2
355612 2008 DD_{33}	16.0	X	200.44809	97.32961	12.29738	9.73739	0.0194897	0.19298007	2.9657036	20	8 20.4	20.3
355613 2008 DO_{33}	16.0	X	143.94379	13.39775	115.76672	10.12640	0.0751286	0.18811966	3.0165689	20	7 5.5	20.5
355614 2008 DN_{34}	16.0	X	59.80717	11.11472	156.67147	30.01515	0.1780414	0.17378378	3.1802643	20	6 2.4	20.8
355615 2008 DW_{35}	16.5	X	50.93033	134.01444	54.62240	1.50028	0.1029048	0.17472709	3.1688077	20	5 30.6	20.7
355616 2008 DT_{36}	16.8	X	56.45116	5.51130	207.12464	1.50936	0.1429865	0.18056506	3.1001323	20	7 15.1	20.9
355617 2008 DH_{37}	16.5	X	23.13214	101.67016	155.73155	1.20106	0.1308669	0.18061743	3.0995331	20	7 21.6	20.1
355618 2008 DZ_{38}	16.2	X	101.39246	60.91233	176.61010	4.56526	0.1972709	0.19275027	2.9680603	20	10 14.4	21.0
355619 2008 DV_{45}	15.4	X	34.61603	159.56991	17.99831	13.10866	0.0509137	0.16819419	3.2503395	20	4 16.2	19.8
355620 2008 DA_{48}	16.5	X	342.35662	291.23114	38.04284	2.28221	0.0525934	0.19002214	2.9964008	20	8 20.5	20.2
355621 2008 DS_{54}	15.9	X	182.02476	248.75623	281.21127	13.52601	0.0929550	0.20429005	2.8552090	20	9 29.5	20.5
355622 2008 DW_{59}	15.8	X	175.97478	124.18546	346.78229	14.67511	0.0133421	0.18503883	3.0499599	20	7 22.6	20.3
355623 2008 DS_{66}	15.6	X	92.00232	97.35100	130.91709	14.92634	0.1448499	0.19147663	2.9812075	20	9 22.7	20.3
355624 2008 DW_{67}	16.6	X	139.05944	297.39089	223.26172	6.89747	0.1552359	0.18881758	3.0091310	20	8 10.5	21.5
355625 2008 DG_{68}	16.7	X	146.68177	153.23275	292.54751	1.25768	0.0647854	0.17759819	3.1345632	20	5 13.9	21.3
355626 2008 DL_{72}	16.7	X	56.48584	107.87726	160.43409	10.36493	0.0420225	0.19763682	2.9189331	20	9 13.7	20.6
355627 2008 DU_{83}	16.2	X	151.20817	93.56711	21.36464	9.78563	0.1275645	0.18306910	3.0717983	20	6 28.2	21.2
355628 2008 DO_{85}	17.0	X	143.37217	84.62157	49.43643	4.97777	0.1604719	0.18504935	3.0498444	20	7 16.4	22.0
355629 2008 DZ_{88}	16.3	X	167.95391	70.19915	8.05618	16.13650	0.2263018	0.18187353	3.0852454	20	5 27.7	21.9
355630 2008 EB	17.5	X	319.26546	117.85571	17.60862	24.14376	0.0183361	0.38441790	1.8732697	20	—	—
355631 2008 EX	15.6	X	38.18015	220.78727	355.49625	23.18526	0.1404634	0.17792486	3.1307253	20	6 22.9	20.0
355632 2008 ES_{8}	15.4	X	228.92043	357.37737	32.09677	15.72430	0.0714208	0.18518062	3.0484029	20	5 31.3	20.1
355633 2008 EM_{15}	16.1	X	317.09613	325.34548	11.83818	6.38886	0.1776570	0.18219945	3.0815651	20	7 10.4	19.7
355634 2008 EV_{17}	15.4	X	45.21903	252.48406	353.39923	26.24253	0.1895141	0.18030839	3.1030737	20	8 27.9	19.6
355635 2008 EM_{23}	15.4	X	13.62150	137.29006	113.11196	11.30835	0.0840250	0.17904505	3.1176534	20	6 23.0	19.3
355636 2008 EM_{25}	15.5	X	91.53589	136.19959	49.96653	10.48070	0.0522099	0.18197459	3.0841030	20	7 15.2	20.0
355637 2008 EX_{26}	15.6	X	223.83995	296.91676	152.47885	13.37761	0.0801293	0.19173344	2.9785448	20	8 11.7	19.9
355638 2008 ES_{29}	16.3	X	144.57894	276.14419	184.78829	11.48434	0.1520990	0.17589002	3.1548249	20	6 6.4	21.5
355639 2008 EM_{35}	16.3	X	143.49868	49.92973	93.38848	6.47989	0.2023882	0.18832640	3.0143609	20	7 29.8	21.4
355640 2008 EB_{40}	15.9	X	45.70261	66.45446	196.26251	10.77361	0.0764703	0.18739661	3.0243234	20	8 22.8	20.1
355641 2008 EZ_{42}	15.8	X	82.39731	11.92928	179.45355	12.13950	0.1744436	0.17966156	3.1105171	20	7 23.9	20.5
355642 2008 EP_{43}	18.1	X	42.35142	86.85371	337.59440	20.30722	0.0673957	0.39345410	1.8444774	20	—	—
355643 2008 EH_{44}	15.8	X	347.05645	276.34810	6.54085	9.68797	0.0739686	0.17838377	3.1253536	20	6 24.4	20.0
355644 2008 EU_{46}	16.0	X	132.52463	76.77629	40.06708	13.87595	0.0943556	0.17540142	3.1606809	20	6 6.6	20.9
355645 2008 EO_{49}	16.6	X	150.31554	169.09673	348.30118	4.06530	0.1726224	0.19159659	2.9799629	20	8 20.8	21.4
355646 2008 EF_{56}	17.0	X	43.02257	93.02853	155.66898	12.58013	0.1109791	0.18932138	3.0037903	20	8 7.5	21.0
355647 2008 EO_{57}	15.7	X	171.42480	252.41289	155.61339	12.38876	0.1329447	0.17127440	3.2112522	20	4 30.6	21.0
355648 2008 EA_{60}	15.9	X	51.03795	242.55587	328.10584	16.55993	0.1632525	0.17997614	3.1068916	20	7 11.7	20.1
355649 2008 EH_{60}	15.3	X	5.87173	277.37052	344.00631	15.32261	0.0393300	0.18078831	3.0975797	20	6 25.1	19.7
355650 2008 EX_{63}	16.1	X	306.51077	354.09912	283.72518	3.72024	0.1133437	0.17011890	3.2257770	20	4 12.1	20.4
355651 2008 EH_{66}	15.7	X	286.31025	333.15612	332.67192	8.89517	0.0800288	0.17283294	3.1919178	20	4 23.2	20.3
355652 2008 EW_{67}	16.0	X	242.13190	122.88865	299.30319	4.11142	0.0469432	0.19135424	2.9824785	20	8 3.5	20.2
355653 2008 EW_{68}	17.6	X	155.01098	221.32109	23.51751	20.86199	0.0634290	0.37197104	1.9148288	20	—	—
355654 2008 EN_{78}	15.5	X	30.74464	217.17385	4.98063	25.88890	0.0759032	0.17435049	3.1733692	20	6 3.9	20.2
355655 2008 EL_{84}	16.9	X	356.59368	71.19911	198.48610	4.80743	0.0994747	0.18180247	3.0860493	20	6 21.4	20.6
355656 2008 EB_{86}	15.9	X	92.56180	70.24906	132.96183	6.12434	0.0589718	0.18769977	3.0210661	20	8 7.4	20.2
355657 2008 EA_{89}	15.8	X	104.95608	121.09215	31.53248	12.84708	0.0520934	0.18189586	3.0849929	20	6 15.9	20.4
355658 2008 ES_{89}	15.6	X	75.32885	318.05328	329.29269	8.05263	0.1459438	0.19810979	2.9142855	20	11 9.6	20.1
355659 2008 EY_{99}	15.7	X	57.30637	134.55817	74.73703	13.76424	0.1193373	0.18019259	3.1044031	20	7 8.8	19.9
355660 2008 EB_{110}	15.9	X	25.62086	206.33944	14.22604	11.63887	0.0493726	0.17456225	3.1708023	20	5 26.8	20.3
355661 2008 EK_{111}	16.1	X	163.59417	90.41880	5.34356	16.39262	0.0944741	0.18297596	3.0728405	20	6 13.7	21.1
355662 2008 EC_{114}	16.2	X	19.20402	284.13825	324.80117	6.80088	0.2589745	0.17484949	3.1673287	20	7 18.9	19.4
355663 2008 EE_{114}	16.0	X	215.01214	63.13706	339.39982	9.27655	0.0984272	0.17866744	3.1220446	20	5 31.8	20.9
355664 2008 EB_{118}	17.3	X	206.35969	281.18522	200.79458	1.54620	0.0422542	0.20026187	2.8933694	20	9 6.8	21.5
355665 2008 EH_{122}	16.4	X	199.74354	80.56938	2.79531	10.61363	0.1156056	0.18553743	3.0444933	20	7 8.4	21.3
355666 2008 ET_{122}	15.7	X	97.27784	219.97123	341.16780	11.01554	0.1567758	0.18561553	3.0436393	20	8 23.3	20.3
355667 2008 EK_{127}	15.7	X	113.28956	136.83946	7.46208	9.81254	0.0280483	0.17644314	3.1482281	20	6 12.7	20.3
355668 2008 EM_{129}	16.0	X	155.46768	308.97440	153.01284	11.10209	0.1053596	0.18127629	3.0920182	20	6 16.0	21.0
355669 2008 EN_{130}	16.0	X	258.92628	343.71992	32.35306	7.53800	0.1897179	0.18465910	3.0541398	20	6 5.6	20.7
355670 2008 ET_{131}	16.0	X	211.67233	282.34587	153.98115	11.22042	0.0514687	0.18537317	3.0462916	20	7 14.2	20.6
355671 2008 EK_{132}	16.8	X	164.87062	140.83573	21.88521	6.75676	0.1525786	0.19771100	2.9182029	20	9 11.0	21.5
355672 2008 EJ_{137}	16.1	X	156.39514	276.32057	176.20492	14.40993	0.2839229	0.18189015	3.0850575	20	6 11.5	21.8
355673 2008 EB_{139}	15.8	X	35.36574	4.62616	198.19157	16.97089	0.0749066	0.17249892	3.1960369	20	5 24.3	20.2
355674 2008 EB_{150}	16.4	X	143.89808	61.33566	101.89680	6.55991	0.1188026	0.19064504	2.9898704	20	8 21.4	21.1
355675 2008 EY_{153}	16.0	X	12.90792	266.01882	2.24599	5.84142	0.0882196	0.18260916	3.0769541	20	7 17.5	19.9
355676 2008 EA_{158}	15.5	X	250.88682	0.60792	0.40044	15.55957	0.0832023	0.17624303	3.1506108	20	5 17.6	20.4
355677 2008 EJ_{161}	16.3	X	8.21518	293.98168	353.43489	10.84288	0.0944532	0.18376441	3.0640448	20	8 7.6	20.2
355678 2008 EV_{163}	15.7	X	133.58889	174.95042	310.71489	8.06172	0.0633727	0.18331850	3.0690115	20	6 18.6	20.3
355679 2008 EW_{165}	15.4	X	344.96186	192.19085	60.77368	10.36073	0.0313046	0.17493803	3.1662599	20	5 15.1	19.6
355680 2008 EE_{169}	16.1	X	10.34356	137.67086	130.01224	5.53407	0.1580981	0.17151909	3.2081973	20	7 14.6	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355681 2008 FS_2	16.0	X	31.27486	113.09926	170.74975	8.17065	0.1224823	0.19102104	2.9859457	20	9 8.5	19.6
355682 2008 FG_4	15.8	X	203.57013	131.09981	342.67944	7.88232	0.0423398	0.19473511	2.9478579	20	8 24.8	20.0
355683 2008 FE_7	15.6	X	68.21663	84.24476	160.81165	10.64873	0.0600108	0.18993920	2.9972731	20	8 30.6	19.6
355684 2008 FE_{10}	16.3	X	244.64256	241.81044	161.67441	10.61622	0.1106246	0.19149186	2.9810494	20	7 4.7	20.8
355685 2008 FG_{11}	16.5	X	122.77931	287.44229	310.55882	7.27690	0.0916869	0.20948420	2.8078153	20	10 26.7	21.0
355686 2008 FH_{12}	16.6	X	114.74492	230.36095	342.49707	10.60288	0.0400069	0.19792326	2.9161162	20	9 13.3	20.8
355687 2008 FB_{16}	16.5	X	49.11761	238.25913	1.64256	8.93479	0.0380230	0.18814875	3.0162580	20	7 29.2	20.7
355688 2008 FV_{17}	16.5	X	100.35054	153.21872	354.09340	4.81695	0.0896947	0.17926111	3.1151478	20	6 9.4	21.1
355689 2008 FN_{19}	16.7	X	218.69823	217.21366	177.57922	10.28700	0.0473813	0.17877528	3.1207890	20	6 2.0	21.4
355690 2008 FR_{21}	15.9	X	185.00507	332.24074	110.54952	7.22109	0.0702992	0.17882008	3.1202678	20	6 21.9	20.5
355691 2008 FT_{26}	16.3	X	124.34893	323.38029	210.64081	7.13176	0.1951297	0.18565336	3.0432258	20	8 15.6	21.4
355692 2008 FU_{27}	15.4	X	8.31831	92.01671	181.15401	14.04575	0.0629593	0.17496205	3.1659701	20	7 11.6	19.8
355693 2008 FM_{31}	16.3	X	336.37545	86.83405	186.01256	4.57123	0.1283080	0.17718149	3.1394759	20	5 21.9	20.0
355694 2008 FD_{34}	16.1	X	332.23999	140.39211	169.49568	9.32138	0.0545825	0.18474792	3.0531608	20	7 8.1	20.3
355695 2008 FK_{41}	16.1	X	359.34054	121.14383	160.51028	5.46568	0.1152385	0.17686393	3.1432327	20	7 11.9	19.9
355696 2008 FP_{41}	16.3	X	181.97270	90.34829	349.58534	9.91009	0.1130704	0.18384751	3.0631215	20	6 13.9	21.3
355697 2008 FC_{42}	16.0	X	175.87315	258.06025	187.76961	8.88770	0.0940227	0.18231593	3.0802524	20	6 15.9	20.9
355698 2008 FJ_{44}	16.5	X	54.49297	355.54937	204.60722	4.75043	0.0992719	0.17766962	3.1337229	20	6 19.5	20.7
355699 2008 FX_{46}	15.7	X	56.86146	99.84341	169.13534	11.07191	0.0889004	0.19305498	2.9649364	20	9 21.2	19.6
355700 2008 FW_{50}	16.2	X	357.14128	234.75156	42.05400	3.73049	0.1540951	0.17679669	3.1440297	20	7 2.8	19.7
355701 2008 FE_{58}	16.2	X	352.36010	114.28825	120.61847	2.69945	0.1038097	0.16903066	3.2396074	20	4 30.1	20.3
355702 2008 FG_{59}	17.9	X	16.42983	47.29782	359.44237	20.75248	0.0906892	0.37951894	1.8893558	20	—	—
355703 2008 FJ_{63}	16.1	X	5.73321	86.13257	158.75753	8.54724	0.0108994	0.17382779	3.1797276	20	6 2.8	20.6
355704 2008 FW_{75}	15.9	X	75.84320	132.90269	85.72143	6.60962	0.1351240	0.18430146	3.0580895	20	8 19.2	20.3
355705 2008 FC_{88}	16.5	X	53.86355	124.43702	115.15961	2.23265	0.1356626	0.18157792	3.0885931	20	8 15.6	20.6
355706 2008 FM_{88}	16.6	X	49.93277	52.96179	183.18681	0.87269	0.1391171	0.17985810	3.1082508	20	8 5.2	20.7
355707 2008 FC_{89}	16.4	X	356.67755	77.62814	179.82753	10.69228	0.0510928	0.17531102	3.1617673	20	6 6.4	20.8
355708 2008 FW_{93}	15.8	X	31.61762	208.63355	50.52323	13.16559	0.0825307	0.17934777	3.1141443	20	8 5.7	20.1
355709 2008 FH_{104}	16.1	X	72.12214	45.31623	146.19095	6.52884	0.0912601	0.17386167	3.1793145	20	6 30.9	20.5
355710 2008 FA_{108}	15.4	X	103.61506	134.94336	36.60653	13.74621	0.0842684	0.17911826	3.1168039	20	7 16.4	20.2
355711 2008 FD_{122}	16.4	X	66.22012	358.68444	201.40529	15.06571	0.1983483	0.17331800	3.1859597	20	7 17.1	21.1
355712 2008 FL_{125}	16.2	X	17.17338	109.16109	166.40731	6.32964	0.1794418	0.17762417	3.1342576	20	8 9.4	19.7
355713 2008 FY_{125}	15.3	X	22.76132	150.18171	96.31778	15.74372	0.1662484	0.17580665	3.1558221	20	7 9.7	19.0
355714 2008 FT_{127}	15.9	X	276.02730	223.58962	116.85099	7.77307	0.1067955	0.17070299	3.2184144	20	5 25.8	20.5
355715 2008 FJ_{128}	16.4	X	52.69791	92.40427	124.33887	2.27614	0.1167803	0.17472385	3.1688469	20	7 11.0	20.4
355716 2008 FQ_{130}	15.7	X	58.93222	138.62843	83.30885	15.03387	0.1882360	0.17770706	3.1332828	20	8 10.5	20.2
355717 2008 FJ_{135}	16.1	X	135.84881	99.28533	81.31748	4.21909	0.1015745	0.19098380	2.9863339	20	9 3.2	20.7
355718 2008 FY_{135}	15.6	X	67.66134	345.33300	250.58524	4.95261	0.1251170	0.18229451	3.0804937	20	8 24.6	20.0
355719 2008 FK_{136}	15.1	X	45.08679	216.41300	33.76022	14.83807	0.1288478	0.17842028	3.1249272	20	8 22.9	19.5
355720 2008 GG_5	16.3	X	168.51059	96.22288	8.28587	7.74310	0.1245465	0.18634085	3.0357360	20	7 2.6	21.2
355721 2008 GT_{12}	16.1	X	226.23517	244.97968	166.76858	12.82437	0.0717645	0.18641256	3.0349574	20	6 28.6	20.8
355722 2008 GN_{23}	16.3	X	7.96567	123.74600	146.66521	5.81544	0.1101475	0.17797006	3.1301952	20	7 11.3	20.0
355723 2008 GN_{31}	15.5	X	348.59153	139.81882	166.04091	10.73137	0.1383442	0.17793540	3.1306017	20	7 25.4	19.3
355724 2008 GX_{31}	15.8	X	75.23841	33.24937	162.83859	10.89317	0.0279072	0.17607961	3.1525598	20	7 1.4	20.3
355725 2008 GG_{35}	16.2	X	55.06653	112.70978	122.03891	5.35484	0.2073765	0.17835821	3.1256522	20	8 22.1	20.3
355726 2008 GX_{52}	16.7	X	131.19057	53.59987	74.35248	4.54900	0.1085590	0.17842808	3.1248362	20	6 22.3	21.4
355727 2008 GP_{60}	16.1	X	57.33302	97.25660	164.53421	7.93109	0.2210274	0.18360776	3.0657874	20	10 1.2	20.4
355728 2008 GT_{69}	15.4	X	338.10114	62.55368	178.23425	12.22385	0.0496752	0.16098020	3.3467331	20	4 21.4	20.0
355729 2008 GX_{89}	15.6	X	274.85031	163.30166	188.47523	9.04852	0.0735968	0.17509672	3.1643465	20	6 11.3	20.1
355730 2008 GK_{96}	16.3	X	112.13374	311.25319	182.51115	11.71295	0.2024144	0.17535520	3.1612363	20	6 18.9	21.5
355731 2008 GR_{110}	17.4	X	262.51707	87.50908	63.90023	21.26158	0.0570366	0.37451955	1.9061324	20	—	—
355732 2008 GC_{111}	17.4	X	146.53147	179.27856	103.54995	24.98804	0.0556865	0.37459468	1.9058775	20	—	—
355733 2008 GA_{112}	15.5	X	69.71648	91.57296	84.61118	23.20911	0.0899617	0.17471693	3.1689305	20	6 9.0	19.9
355734 2008 GF_{114}	15.8	X	163.25792	84.51553	16.90336	15.44890	0.2200530	0.18183181	3.0857174	20	6 24.6	21.3
355735 2008 GQ_{120}	15.7	X	345.87145	135.95240	115.37616	6.00914	0.1224514	0.17049769	3.2209974	20	5 10.9	19.7
355736 2008 GC_{122}	16.1	X	72.30699	91.98460	150.32585	4.41172	0.2796424	0.18350062	3.0669806	20	9 30.9	20.8
355737 2008 GG_{143}	15.4	X	39.57354	175.59581	60.75671	12.81954	0.0847988	0.17972185	3.1098215	20	7 14.9	19.6
355738 2008 GN_{144}	16.6	X	156.26776	141.13686	5.96403	8.95068	0.0942006	0.18848398	3.0126805	20	8 14.4	21.3
355739 2008 HU	15.8	X	12.77717	247.69606	23.32891	6.01693	0.1265902	0.17815088	3.1280767	20	7 23.9	19.6
355740 2008 HV_3	16.1	X	91.99964	165.76857	47.83638	3.38334	0.2480275	0.18314043	3.0710006	20	9 11.7	21.0
355741 2008 HX_7	16.0	X	147.63358	308.85492	173.38768	16.97636	0.1449217	0.17747775	3.1359811	20	7 3.2	21.3
355742 2008 HA_9	16.2	X	74.55085	47.56589	149.88431	11.12384	0.1667170	0.17674740	3.1446142	20	7 22.2	20.7
355743 2008 HK_{16}	16.0	X	92.22341	45.21379	151.58566	9.52265	0.1378901	0.17908323	3.1172103	20	8 7.6	20.7
355744 2008 HB_{23}	16.6	X	137.67418	275.55985	193.73049	8.49126	0.0319120	0.17397582	3.1779236	20	5 31.5	21.2
355745 2008 HS_{55}	16.3	X	74.20141	76.37065	109.28514	3.12016	0.0511732	0.16998115	3.2275195	20	6 20.3	20.6
355746 2008 HW_{62}	16.5	X	106.67346	357.30861	159.90595	10.69438	0.0172672	0.17322737	3.1870708	20	6 20.9	21.2
355747 2008 HJ_{63}	15.8	X	70.66788	121.71094	88.36199	11.11625	0.1638265	0.17692035	3.1425644	20	8 5.2	20.3
355748 2008 HT_{63}	15.8	X	45.06303	149.28251	74.48582	17.95144	0.1565978	0.17699335	3.1417002	20	7 15.9	20.0
355749 2008 HE_{67}	16.0	X	100.23929	317.58624	189.25801	9.08782	0.0808352	0.16841820	3.2474567	20	6 8.5	20.8
355750 2008 HS_{68}	15.5	X	77.28522	91.25267	82.04491	22.38538	0.0663964	0.16973078	3.2306927	20	6 10.9	19.8
355751 2008 JO_{22}	15.2	X	11.90646	271.60350	352.59854	24.89583	0.2319185	0.17271927	3.1933181	20	7 31.8	19.0
355752 2008 JM_{35}	17.3	X	170.16568	280.02182	353.14493	21.36003	0.1456982	0.37496430	1.9046248	20	—	—
355753 2008 PB_{18}	18.1	X	208.89766	197.08053	156.08671	4.70413	0.2006962	0.30246965	2.1979350	20	3 18.9	21.6
355754 2008 QZ_{15}	18.1	X	132.71142	48.10726	337.28810	2.66824	0.1705475	0.28974048	2.2618472	20	2 15.2	21.0
355755 2008 QS_{24}	14.2	X	328.10099	206.88355	161.32782	3.51077	0.0420780	0.08289952	5.2091640	20	9 4.7	20.9
355756 2008 QL_{37}	14.0	X	309.23606	243.28559	173.19485	7.86860	0.0986555	0.08466722	5.1364039	20	10 1.9	20.4
355757 2008 QR_{41}	13.4	X	262.59488	288.07852	160.56509	12.76760	0.0870237	0.08124763	5.2795339	20	9 13.1	20.4
355758 2008 QM_{42}	14.2	X	278.01360	198.67753	234.10305	5.62412	0.0060958	0.08140537	5.2727114	20	9 20.2	21.1
355759 2008 RE	17.5	X	167.91362	291.73949	90.69988	3.65648	0.2223419	0.29621951	2.2287445	20	3 22.9	21.0
355760 2008 RQ_{10}	13.8	X	311.66831	42.06545	14.76391	7.25775	0.1074411	0.08378754	5.1722925	20	10 3.9	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355761 2008 RH_{11}	14.9	X	225.36514	254.47514	34.55309	3.24975	0.1832893	0.12479407	3.9658847	20	2 1.2	21.2
355762 2008 RQ_{21}	13.6	X	72.29039	291.56551	350.55687	11.58666	0.0745613	0.08126755	5.2786713	20	10 3.9	20.6
355763 2008 RS_{31}	17.9	X	206.20716	2.40535	344.29746	4.97853	0.1620154	0.29964642	2.2117192	20	3 7.7	21.2
355764 2008 RM_{33}	17.8	X	143.37364	162.56753	215.07119	2.37120	0.1647735	0.28979082	2.2615853	20	2 14.9	20.9
355765 2008 RK_{37}	13.8	X	283.73258	249.87338	184.79877	7.19761	0.0883522	0.08106230	5.2875777	20	9 20.3	20.6
355766 2008 RR_{38}	14.0	X	279.65459	266.02949	182.15340	5.82304	0.0595098	0.08339196	5.1886366	20	10 5.4	20.8
355767 2008 RK_{45}	17.6	X	214.23883	335.12951	2.47707	6.27767	0.1844554	0.29920272	2.2139052	20	3 4.6	21.0
355768 2008 RY_{57}	12.9	X	202.04805	155.36734	1.67614	25.19840	0.0550155	0.08289981	5.2091519	20	9 27.6	20.1
355769 2008 RP_{62}	14.5	X	276.91333	74.88721	10.04623	8.69864	0.0729619	0.08291260	5.2086161	20	9 26.9	21.4
355770 2008 RE_{80}	18.3	X	314.35214	26.18686	182.02008	16.59197	0.2459186	0.54644910	1.4817317	20	—	—
355771 2008 RD_{112}	19.0	X	328.87470	350.95588	307.04982	2.24269	0.1526098	0.31746386	2.1281710	20	6 11.6	20.2
355772 2008 RQ_{117}	17.7	X	45.43099	324.28103	256.55938	5.55715	0.0553882	0.31437191	2.1421024	20	7 3.8	19.8
355773 2008 RR_{120}	15.8	X	79.15519	103.55757	176.25981	15.99269	0.2154149	0.17926482	3.1151048	20	11 14.5	20.9
355774 2008 RA_{122}	14.0	X	319.95275	28.42547	5.50372	8.37374	0.0732180	0.08146635	5.2700802	20	9 21.8	20.6
355775 2008 RK_{123}	14.1	X	352.35492	15.37627	353.92086	7.98193	0.0285486	0.08500601	5.1227476	20	10 4.4	20.8
355776 2008 RM_{123}	14.1	X	29.45745	161.55302	170.44252	5.80838	0.0254670	0.08498341	5.1236556	20	10 8.5	20.7
355777 2008 RV_{123}	14.3	X	303.13196	58.97515	343.44304	3.35688	0.0779931	0.08412205	5.1585718	20	9 9.4	20.8
355778 2008 RA_{125}	13.6	X	293.39688	240.67076	172.55111	21.06645	0.0505645	0.08255601	5.2236041	20	9 12.6	20.4
355779 2008 RY_{125}	13.8	X	268.96351	231.20173	206.17773	7.77193	0.0807171	0.08031163	5.3204754	20	9 5.4	20.9
355780 2008 RR_{126}	14.0	X	179.96441	28.51610	152.22278	7.41399	0.0767502	0.08165166	5.2621033	20	10 4.3	21.3
355781 2008 RZ_{126}	13.5	X	333.95666	127.33432	260.90786	7.37308	0.0293279	0.08250077	5.2259357	20	10 1.6	20.3
355782 2008 RY_{127}	13.9	X	296.32588	54.66338	5.59500	7.08552	0.0181404	0.08129546	5.2774628	20	9 27.6	20.9
355783 2008 RZ_{137}	18.4	X	280.79765	18.38566	290.78242	5.22716	0.1771327	0.30915847	2.1661172	20	3 29.9	21.3
355784 2008 RY_{139}	18.0	X	134.28572	213.97200	203.35320	1.57790	0.1991497	0.29452237	2.2372981	20	4 1.5	21.0
355785 2008 SC_{25}	17.7	X	80.30701	45.05331	23.60172	2.98352	0.1670124	0.28367914	2.2939526	20	2 1.6	19.7
355786 2008 SV_{41}	17.9	X	214.32019	344.86165	359.15036	3.50839	0.1536384	0.30106982	2.2047426	20	3 12.3	20.9
355787 2008 SM_{43}	18.7	X	108.31664	40.05521	10.34860	3.42801	0.2073853	0.28414014	2.2914708	20	2 25.6	21.4
355788 2008 SX_{50}	13.6	X	275.91848	75.84493	5.82780	10.91056	0.0282584	0.08107675	5.2869496	20	9 27.2	20.6
355789 2008 SA_{57}	17.4	X	84.38260	68.40570	30.93105	6.36271	0.0868866	0.28923346	2.2644897	20	3 12.2	19.8
355790 2008 SZ_{65}	17.7	X	100.81822	21.65909	14.51730	3.49248	0.2493241	0.27878964	2.3206962	20	2 3.6	20.2
355791 2008 SW_{85}	14.1	X	83.64992	308.55044	335.12025	13.98326	0.0190851	0.08313879	5.1991648	20	10 8.4	21.1
355792 2008 SN_{88}	17.7	X	258.30162	318.43389	22.43426	6.01856	0.1450381	0.30708681	2.1758483	20	4 22.9	20.4
355793 2008 SZ_{93}	18.0	X	111.87436	194.29089	255.56874	3.04981	0.1092491	0.29381458	2.2408897	20	4 6.5	20.7
355794 2008 SU_{105}	18.0	X	103.86170	77.71061	30.70765	1.85136	0.0602330	0.29583598	2.2306703	20	4 15.6	20.5
355795 2008 SM_{112}	18.0	X	133.39083	334.34583	112.35295	3.23789	0.0915139	0.29894544	2.2151753	20	4 30.2	20.9
355796 2008 SM_{125}	17.4	X	211.90774	160.82071	209.90809	4.37825	0.1157774	0.30117127	2.2042475	20	4 14.8	20.4
355797 2008 ST_{141}	17.2	X	48.35638	353.81865	49.28624	6.11511	0.3355526	0.26690852	2.3890639	20	—	—
355798 2008 SH_{153}	17.7	X	147.18790	222.52893	157.14185	2.81224	0.1512753	0.29112858	2.2546518	20	2 21.0	20.5
355799 2008 SO_{159}	17.3	X	215.74818	343.09259	7.03815	5.32631	0.2006634	0.30123598	2.2039318	20	3 20.6	20.9
355800 2008 SA_{165}	17.6	X	182.64858	323.76072	29.45402	4.39223	0.1927412	0.29295085	2.2452922	20	2 26.8	21.1
355801 2008 SY_{199}	18.4	X	84.91537	116.33772	326.01459	2.65669	0.1817224	0.28331860	2.2958984	20	3 1.6	20.8
355802 2008 SA_{242}	17.5	X	235.37334	256.66615	57.30119	5.68814	0.1697889	0.29910791	2.2143730	20	2 25.0	20.9
355803 2008 SB_{244}	18.1	X	168.95423	58.27307	4.70577	5.87696	0.1070409	0.30324089	2.1942067	20	5 7.1	21.2
355804 2008 SF_{253}	17.9	X	182.57384	292.93111	78.36222	4.41381	0.0702514	0.29459881	2.2369111	20	3 16.4	20.8
355805 2008 SS_{253}	17.9	X	112.98015	280.53823	165.70835	4.97978	0.1884357	0.29219147	2.2491808	20	4 17.5	20.8
355806 2008 SZ_{259}	18.1	X	249.87721	66.46841	244.36673	3.16119	0.1275025	0.29893434	2.2152301	20	3 4.7	21.2
355807 2008 SF_{269}	17.9	X	247.75821	303.53613	25.59938	4.20759	0.0985034	0.30082924	2.2059179	20	3 31.9	20.9
355808 2008 SK_{275}	13.4	X	285.59589	102.22777	332.69764	10.05576	0.0557845	0.08037382	5.3177305	20	9 24.1	20.4
355809 2008 SK_{277}	14.0	X	255.36775	325.30472	152.85752	8.34195	0.0623116	0.08349972	5.1841714	20	10 12.9	20.9
355810 2008 SX_{279}	13.5	X	262.25617	288.23287	166.60186	11.68277	0.0293922	0.08150325	5.2684894	20	9 27.5	20.5
355811 2008 SM_{284}	17.4	X	111.40801	60.12885	346.38945	6.52387	0.1085450	0.28317330	2.2966837	20	2 9.5	20.1
355812 2008 TE_{22}	18.4	X	64.56801	263.96158	202.39860	2.04964	0.1524905	0.28218189	2.3020599	20	2 25.2	20.4
355813 2008 TZ_{23}	14.1	X	296.93105	125.97812	305.55612	6.38639	0.0248472	0.08100613	5.2900219	20	10 7.1	21.1
355814 2008 TU_{37}	14.1	X	294.64837	88.40759	353.76806	6.76976	0.0859968	0.08302830	5.2037765	20	10 11.2	20.8
355815 2008 TZ_{45}	18.4	X	66.74783	284.95457	153.76770	3.23235	0.1966921	0.27760449	2.3272966	20	1 25.6	20.1
355816 2008 TN_{58}	13.9	X	344.22216	199.18058	189.54525	6.43639	0.0820730	0.08124266	5.2797493	20	10 17.2	20.5
355817 2008 TU_{74}	17.9	X	19.58682	328.84227	223.83061	5.31858	0.0140096	0.29536343	2.2330489	20	4 4.2	20.4
355818 2008 TL_{76}	14.2	X	355.14913	196.22747	171.47446	1.04840	0.0416922	0.08182690	5.2545878	20	10 7.2	21.0
355819 2008 TB_{83}	18.1	X	97.89595	336.04387	72.23727	2.43534	0.2053675	0.28135654	2.3065597	20	2 8.0	20.6
355820 2008 TY_{96}	13.9	X	219.90305	237.13548	266.94607	6.24096	0.0324370	0.08160357	5.2641704	20	10 1.8	21.0
355821 2008 TK_{98}	18.2	X	106.89363	158.99118	305.24402	3.88931	0.0963446	0.29742772	2.2227046	20	4 17.3	20.9
355822 2008 TY_{106}	13.8	X	298.65621	259.52689	177.55150	13.74362	0.0778587	0.08239483	5.2304142	20	10 14.4	20.5
355823 2008 TS_{110}	17.6	X	134.80320	66.77872	352.77383	7.48386	0.1032741	0.29321193	2.2439592	20	3 24.3	20.4
355824 2008 TR_{115}	17.1	X	224.85679	21.17785	313.68596	5.71503	0.1332310	0.29810548	2.2193344	20	3 9.3	20.4
355825 2008 TZ_{115}	18.8	X	53.08735	316.02093	146.07352	7.84393	0.2123235	0.27932371	2.3177371	20	2 2.2	20.2
355826 2008 TJ_{127}	18.0	X	353.12358	340.75051	310.90029	4.00601	0.0693551	0.31848938	2.1236002	20	7 27.9	19.8
355827 2008 TC_{157}	18.1	X	109.57457	325.47430	47.36692	2.99893	0.2510499	0.27815905	2.3242023	20	1 14.6	20.7
355828 2008 TZ_{162}	17.9	X	108.70688	53.29886	69.83699	2.73243	0.0524357	0.30093740	2.2053894	20	5 12.9	20.3
355829 2008 TH_{170}	17.4	X	47.02418	160.07689	278.84075	1.26936	0.1581697	0.26463522	2.4027262	20	—	—
355830 2008 TS_{174}	13.8	X	344.64954	25.04953	6.38632	14.46715	0.0434901	0.08252687	5.2248334	20	10 17.9	20.6
355831 2008 TJ_{177}	17.3	X	177.49539	235.51189	118.23276	7.39633	0.1815867	0.29293432	2.2453767	20	2 22.1	20.7
355832 2008 TX_{183}	17.8	X	184.46287	111.86811	258.71940	5.26769	0.1440843	0.29540189	2.2328551	20	3 14.9	21.2
355833 2008 TL_{186}	17.8	X	218.54714	225.28334	129.90798	5.20945	0.1779651	0.30002410	2.2098627	20	4 1.2	21.2
355834 2008 UY_{6}	17.9	X	76.32805	289.97785	88.84337	4.17040	0.2856187	0.27117749	2.3639246	20	—	—
355835 2008 UW_{9}	13.8	X	321.97110	219.45292	182.24388	8.99181	0.0140282	0.08276848	5.2146609	20	10 7.3	20.7
355836 2008 UN_{15}	13.4	X	343.12806	21.80743	358.01456	9.02562	0.0825701	0.08161310	5.2637608	20	10 3.9	20.0
355837 2008 UF_{33}	17.9	X	96.05076	216.97757	179.28178	4.08271	0.0942572	0.27669128	2.3324145	20	—	—
355838 2008 UQ_{42}	17.4	X	88.78633	25.29543	46.52763	7.83626	0.0816685	0.28080942	2.3095548	20	2 9.9	20.1
355839 2008 UX_{47}	15.8	X	332.95073	110.69863	239.42581	13.05597	0.1015522	0.23619848	2.5918985	20	9 1.4	19.0
355840 2008 UW_{51}	17.3	X	50.52203	56.75246	41.54793	5.41259	0.0895163	0.27595387	2.3365678	20	1 15.6	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355841 2008 UW_{52}	17.7	X	168.68116	102.18491	227.14819	2.72464	0.1595168	0.27876809	2.3208158	20	1 12.0	21.0
355842 2008 UU_{55}	13.8	X	337.73125	142.39998	248.04680	3.81011	0.0475706	0.08202228	5.2462402	20	10 9.8	20.5
355843 2008 UD_{90}	16.9	X	18.62024	234.94761	221.21554	11.30924	0.0560855	0.27155597	2.3617276	20	—	—
355844 2008 UJ_{91}	16.9	X	21.82598	243.60258	217.00248	27.25977	0.2218881	0.27260765	2.3556496	20	—	—
355845 2008 US_{98}	17.7	X	191.72310	290.42738	67.40339	6.66474	0.1715546	0.29280836	2.2460206	20	3 12.9	21.2
355846 2008 UH_{103}	17.5	X	301.03723	281.09423	351.42551	6.74335	0.0278843	0.29940106	2.2129274	20	3 31.8	20.2
355847 2008 UH_{104}	17.7	X	341.25608	196.12506	19.87644	5.43049	0.0538421	0.29441421	2.2378461	20	3 10.6	20.1
355848 2008 UW_{108}	16.8	X	278.11952	57.24556	23.46960	5.62144	0.1477926	0.24032015	2.5621778	20	10 9.2	19.5
355849 2008 UM_{109}	13.6	X	225.76546	143.42864	4.73265	7.20951	0.0212043	0.08422356	5.1544260	20	10 15.6	20.5
355850 2008 UR_{131}	18.1	X	240.23612	311.47699	32.17908	6.26693	0.2043846	0.30271758	2.1967347	20	4 3.8	21.3
355851 2008 UK_{151}	17.9	X	42.15806	78.78566	54.01532	3.57208	0.1259242	0.28139166	2.3063678	20	2 22.2	19.9
355852 2008 UB_{157}	17.8	X	64.04304	18.31645	62.95213	2.09211	0.1596605	0.27581426	2.3373562	20	1 20.6	19.8
355853 2008 UH_{159}	17.6	X	82.82565	149.45088	255.29005	5.48252	0.2323787	0.27322846	2.3520800	20	1 12.9	19.6
355854 2008 UM_{182}	18.0	X	121.83073	228.03464	177.99211	2.35060	0.1615314	0.28580834	2.2825455	20	2 28.3	20.9
355855 2008 UY_{198}	17.2	X	63.25342	316.67630	76.39270	4.21467	0.2861741	0.26850282	2.3795974	20	—	—
355856 2008 UQ_{224}	18.3	X	124.29959	83.12978	14.84721	1.96111	0.0998015	0.30011463	2.2094182	20	5 3.7	20.9
355857 2008 UT_{230}	13.7	X	353.06371	114.77117	260.07026	3.48231	0.1507687	0.08261383	5.2211667	20	10 12.6	19.8
355858 2008 UD_{245}	17.2	X	97.04395	15.65292	18.95876	6.37365	0.1753359	0.27494256	2.3422940	20	1 15.3	19.8
355859 2008 UN_{248}	17.4	X	1.01303	56.71287	65.54282	9.32012	0.1221594	0.26752351	2.3854011	20	—	—
355860 2008 UR_{254}	18.3	X	33.36921	229.52743	196.25297	0.75277	0.1670474	0.26660898	2.3908530	20	—	—
355861 2008 UQ_{258}	18.0	X	84.13902	45.62789	47.59508	6.12189	0.0746082	0.28364517	2.2941358	20	3 2.5	20.6
355862 2008 UK_{272}	17.2	X	311.92673	43.06805	13.51394	2.89733	0.1943729	0.24554141	2.5257259	20	11 4.0	19.3
355863 2008 UD_{273}	17.6	X	103.82663	156.10759	323.34135	7.08485	0.0369607	0.29911204	2.2143527	20	4 23.8	20.3
355864 2008 UT_{290}	17.5	X	141.30994	254.04767	87.50302	7.55329	0.1341679	0.27361529	2.3498626	20	—	—
355865 2008 UA_{291}	17.5	X	353.38292	28.15825	95.67262	6.69379	0.1073659	0.26605895	2.3941469	20	—	—
355866 2008 UY_{308}	18.0	X	232.86204	62.49968	289.30586	4.55304	0.2096281	0.30148349	2.2027254	20	4 3.6	21.5
355867 2008 UM_{312}	17.3	X	81.12829	150.73254	319.34075	6.20575	0.0756346	0.28668061	2.2779132	20	3 15.7	19.8
355868 2008 UO_{316}	17.5	X	92.53143	331.14407	79.44923	3.14690	0.1866552	0.27621308	2.3351058	20	1 31.7	20.0
355869 2008 UW_{329}	17.9	X	59.56338	167.16910	36.79690	5.71523	0.0407917	0.30691208	2.1766740	20	6 28.3	20.3
355870 2008 US_{353}	17.8	X	123.65432	353.33715	39.25322	2.31132	0.1298086	0.28084737	2.3093467	20	2 10.0	20.7
355871 2008 UU_{354}	18.2	X	44.87228	0.67181	110.07116	2.01858	0.1425089	0.27657814	2.3330505	20	1 24.6	20.0
355872 2008 UW_{361}	17.8	X	140.84556	115.15351	339.82239	6.44545	0.0253275	0.30154938	2.2024045	20	5 10.2	20.6
355873 2008 VK_{2}	17.3	X	251.42334	83.18243	253.67216	5.55856	0.2975184	0.30479455	2.1867439	20	3 25.3	21.0
355874 2008 VY_{23}	18.0	X	34.68094	237.75781	208.88845	5.47398	0.2001366	0.26834348	2.3805393	20	—	—
355875 2008 VU_{24}	18.0	X	43.63620	293.55693	133.02937	3.16062	0.2103462	0.26716167	2.3875545	20	—	—
355876 2008 VK_{25}	18.3	X	98.28530	317.36051	78.03018	3.24881	0.2097013	0.27781644	2.3261127	20	1 22.6	20.6
355877 2008 VM_{28}	17.0	X	36.37013	85.51066	343.97437	12.94749	0.1749950	0.27051672	2.3677725	20	—	—
355878 2008 VH_{32}	17.9	X	344.17333	132.00626	110.82670	3.55631	0.0393010	0.29783043	2.2207006	20	4 25.7	20.2
355879 2008 VR_{39}	17.7	X	85.06792	86.33759	341.63331	3.68960	0.1378866	0.27703957	2.3304592	20	2 5.0	20.0
355880 2008 VO_{41}	17.4	X	222.66412	40.11821	283.51679	5.60199	0.2227966	0.29648516	2.2274130	20	2 19.6	21.2
355881 2008 VD_{51}	17.4	X	41.48494	198.10369	249.43001	3.26113	0.1319559	0.27055161	2.3675690	20	—	—
355882 2008 VP_{66}	17.6	X	166.99127	238.21278	110.77563	6.55742	0.2161359	0.28588874	2.2821176	20	2 8.9	21.2
355883 2008 VU_{71}	17.5	X	49.17861	319.14186	90.04079	2.52980	0.1776532	0.26072087	2.4267154	20	—	—
355884 2008 VJ_{74}	17.3	X	351.42844	111.95467	64.71856	7.45059	0.0489280	0.28016632	2.3130877	20	2 2.5	20.0
355885 2008 WG_{4}	18.1	X	57.95177	84.17414	10.30257	3.44510	0.1555014	0.27830349	2.3233980	20	1 28.2	20.0
355886 2008 WW_{4}	17.6	X	342.12149	196.99073	48.52575	6.90442	0.0624269	0.30012748	2.2093552	20	4 23.4	19.6
355887 2008 WL_{11}	18.0	X	59.41851	230.09094	187.00802	2.20974	0.1863832	0.27081328	2.3660436	20	—	—
355888 2008 WB_{42}	17.4	X	324.46502	166.04222	43.97001	4.78539	0.1829189	0.27951661	2.3166707	20	1 17.7	20.1
355889 2008 WK_{43}	17.4	X	336.96463	170.53598	53.90991	7.41155	0.0456047	0.28825264	2.2696237	20	3 20.4	20.0
355890 2008 WD_{46}	17.8	X	31.25460	108.49765	58.74774	4.45795	0.0985616	0.28504177	2.2866360	20	3 23.9	19.9
355891 2008 WE_{46}	18.2	X	40.46183	58.20748	32.04267	1.41672	0.1648909	0.27018408	2.3697155	20	—	—
355892 2008 WL_{46}	18.1	X	100.02868	134.52186	273.61999	0.81421	0.1677620	0.27727140	2.3291601	20	2 4.2	20.6
355893 2008 WB_{48}	17.6	X	65.08539	157.41711	245.30952	5.19027	0.1034431	0.26688126	2.3892265	20	—	—
355894 2008 WA_{50}	17.0	X	272.43058	235.42912	137.89285	3.14948	0.2143506	0.22859407	2.6490658	20	6 16.2	20.7
355895 2008 WB_{50}	17.2	X	356.12116	105.95392	63.94219	26.74118	0.2206099	0.27478341	2.3431983	20	1 3.2	19.9
355896 2008 WH_{50}	17.3	X	139.34538	276.20143	71.83139	3.34861	0.2352090	0.27719245	2.3296023	20	1 14.9	20.5
355897 2008 WW_{61}	17.0	X	281.47619	288.07167	75.72361	6.90499	0.3637669	0.23056039	2.6339827	20	5 24.3	20.7
355898 2008 WT_{66}	17.9	X	216.44226	292.74697	76.08792	5.44757	0.1954200	0.29884539	2.2156696	20	4 16.4	21.4
355899 2008 WR_{67}	18.2	X	11.51990	8.49652	90.82035	2.30841	0.1494359	0.26514586	2.3996403	20	—	—
355900 2008 WQ_{68}	17.6	X	27.82862	16.46463	97.70343	2.34021	0.1394836	0.27129194	2.3632597	20	—	—
355901 2008 WN_{72}	18.0	X	15.25777	211.86772	268.52683	0.85073	0.1275429	0.27250884	2.3562190	20	—	—
355902 2008 WO_{73}	16.4	X	211.07658	130.85154	58.21885	6.03355	0.2275137	0.24248115	2.5469322	20	11 22.2	20.2
355903 2008 WS_{90}	17.5	X	79.05244	196.21457	240.66858	5.83849	0.0900761	0.27725033	2.3292780	20	1 28.9	20.1
355904 2008 WY_{102}	17.3	X	61.69950	258.21060	166.50850	6.64694	0.1909802	0.27353489	2.3503231	20	—	—
355905 2008 WA_{104}	17.5	X	58.05474	209.64846	280.98615	4.81550	0.0823930	0.28401680	2.2921341	20	3 9.5	20.0
355906 2008 WB_{113}	17.4	X	28.18809	56.02704	77.87303	2.83371	0.1334889	0.27576736	2.3376212	20	1 26.8	19.4
355907 2008 WQ_{120}	18.0	X	87.12085	81.83502	279.48987	6.73278	0.1592622	0.26094858	2.4253035	20	—	—
355908 2008 XE_{12}	17.7	X	303.10250	32.03242	170.75613	4.95048	0.0944994	0.27346045	2.3507496	20	—	—
355909 2008 XV_{20}	17.4	X	56.70597	351.02098	103.32284	4.76458	0.1173847	0.27167308	2.3610489	20	1 22.8	19.5
355910 2008 XQ_{33}	17.8	X	253.82091	358.46319	282.86507	5.87968	0.1141702	0.28383055	2.2931367	20	2 2.6	21.0
355911 2008 XM_{35}	17.7	X	123.12851	22.85288	338.25767	2.11992	0.2317541	0.27559019	2.3386230	20	1 13.6	20.6
355912 2008 XF_{43}	16.5	X	70.52331	348.68007	71.73696	7.90383	0.0972109	0.26817124	2.3815585	20	—	—
355913 2008 XW_{44}	17.4	X	332.49642	175.95686	292.24480	6.63401	0.2213959	0.25413555	2.4684581	20	—	—
355914 2008 XR_{48}	17.1	X	230.86707	0.09457	75.72237	3.80330	0.2424237	0.22448417	2.6813010	20	7 19.8	21.5
355915 2008 XQ_{49}	16.6	X	348.53979	108.82779	89.44569	22.25394	0.1672144	0.28043608	2.3116041	20	2 17.1	19.3
355916 2008 YL_{1}	17.1	X	318.18934	179.80604	302.55335	4.73662	0.1897487	0.25272623	2.4776265	20	—	—
355917 2008 YT_{2}	17.5	X	135.93585	332.47673	58.71487	3.75181	0.2548901	0.28158415	2.3053166	20	3 9.1	21.0
355918 2008 YF_{5}	17.5	X	338.21797	160.96076	300.97831	2.21519	0.2111192	0.25513805	2.4619878	20	—	—
355919 2008 YD_{13}	17.0	X	25.83523	187.83135	281.83335	4.11594	0.1561419	0.26518177	2.3994236	20	—	—
355920 2008 YQ_{13}	16.0	X	234.98565	326.05171	295.77793	9.64284	0.1934161	0.25809143	2.4431698	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
355921 2008 YC_{15}	17.3	X	167.78943	59.79922	262.13986	6.24782	0.0099730	0.27113027	2.3641991	20	—	—
355922 2008 YU_{20}	17.0	X	85.89361	106.44587	259.07814	1.39995	0.2151469	0.25860150	2.4399562	20	—	—
355923 2008 YN_{25}	16.9	X	302.15676	126.65697	335.38955	10.18389	0.0664102	0.24408152	2.5357870	20	12 26.8	20.1
355924 2008 YS_{29}	17.4	X	3.80941	355.15709	102.26677	5.10640	0.1911500	0.25908780	2.4369020	20	—	—
355925 2008 YA_{38}	17.9	X	332.30631	345.02954	143.27256	2.92876	0.1411428	0.25557270	2.4591956	20	—	—
355926 2008 YN_{42}	17.7	X	150.66125	113.66079	270.49674	6.20810	0.1193122	0.28387491	2.2928979	20	2 25.1	20.9
355927 2008 YN_{46}	17.3	X	62.73961	0.67253	75.65319	3.30109	0.1677590	0.26866151	2.3786602	20	1 13.2	19.2
355928 2008 YO_{47}	17.4	X	312.31736	159.34631	82.25847	2.93179	0.1651013	0.27610759	2.3357005	20	2 16.5	20.2
355929 2008 YP_{48}	18.2	X	1.77836	44.24961	80.38225	2.28052	0.1178687	0.26112611	2.4242041	20	—	—
355930 2008 YX_{48}	17.4	X	318.06063	148.38922	18.63436	1.55574	0.1308101	0.25848456	2.4406920	20	—	—
355931 2008 YU_{49}	17.0	X	93.99361	331.56269	36.28392	2.54983	0.2283141	0.26063203	2.4272668	20	—	—
355932 2008 YU_{51}	17.0	X	228.25598	319.13837	317.99636	6.37503	0.0964715	0.26468519	2.4024238	20	1 7.0	20.5
355933 2008 YC_{55}	17.0	X	28.46411	128.89687	335.31091	5.98262	0.0954705	0.26239975	2.4163533	20	—	—
355934 2008 YT_{56}	17.4	X	33.12925	97.63784	333.60354	2.52026	0.1002343	0.26038832	2.4287811	20	—	—
355935 2008 YV_{58}	18.2	X	61.35915	327.49596	79.55216	2.40221	0.1737896	0.26364881	2.4087155	20	—	—
355936 2008 YV_{70}	17.1	X	236.66645	155.82170	88.72570	6.96418	0.0591205	0.25948368	2.4344229	20	—	—
355937 2008 YU_{71}	17.5	X	102.61125	357.21787	57.31395	4.55429	0.2207973	0.27709202	2.3301651	20	2 28.1	20.3
355938 2008 YJ_{74}	17.3	X	105.14313	317.62312	94.02530	5.46062	0.1375860	0.27456445	2.3444439	20	2 14.0	20.0
355939 2008 YJ_{78}	17.5	X	311.45125	278.28973	261.02531	4.14543	0.0813108	0.25975278	2.4327412	20	—	—
355940 2008 YG_{79}	17.6	X	358.74772	313.18921	172.92115	2.76963	0.1384213	0.25978772	2.4325231	20	—	—
355941 2008 YG_{88}	17.8	X	99.96815	76.95325	288.23276	2.31565	0.1929523	0.26496999	2.4007020	20	—	—
355942 2008 YM_{93}	17.9	X	29.88651	323.90499	88.49159	3.44918	0.2063821	0.25718015	2.4489378	20	—	—
355943 2008 YQ_{99}	16.9	X	97.90877	243.17676	112.41981	3.13694	0.2235428	0.26013443	2.4303612	20	—	—
355944 2008 YD_{103}	16.8	X	246.90891	316.23354	286.54044	7.36524	0.1777654	0.25848960	2.4406603	20	—	—
355945 2008 YY_{104}	17.2	X	98.92636	288.97180	117.55128	7.03202	0.1275846	0.26977618	2.3721036	20	1 26.7	19.8
355946 2008 YU_{106}	17.6	X	330.46909	94.76639	68.06438	2.28954	0.1270358	0.26005711	2.4308429	20	—	—
355947 2008 YW_{107}	17.0	X	345.01256	21.54134	110.10722	3.25207	0.1339462	0.25793902	2.4441321	20	—	—
355948 2008 YX_{115}	17.8	X	35.45039	357.38803	108.24701	2.26316	0.1047908	0.26740765	2.3860901	20	—	—
355949 2008 YQ_{125}	17.1	X	297.18820	149.84551	108.57413	6.21485	0.2118207	0.27514688	2.3411343	20	2 13.2	20.2
355950 2008 YZ_{125}	17.0	X	312.12119	91.14019	104.82966	9.21177	0.1086281	0.26467497	2.4024856	20	—	—
355951 2008 YD_{126}	17.2	X	243.34693	174.90398	92.53286	3.70507	0.1602416	0.26581399	2.3956176	20	1 6.9	20.9
355952 2008 YW_{126}	16.9	X	249.98178	322.54823	303.38322	10.42182	0.2151576	0.26573799	2.3960743	20	1 9.1	20.9
355953 2008 YO_{127}	17.7	X	75.14402	279.98651	138.71728	0.57244	0.1449994	0.26589040	2.3951586	20	1 8.3	20.0
355954 2008 YW_{128}	17.5	X	31.81633	161.19986	317.18207	4.07324	0.0978267	0.26941223	2.3742394	20	1 12.8	19.7
355955 2008 YQ_{141}	16.8	X	338.90781	196.90486	300.18324	10.03000	0.0237922	0.25987832	2.4319577	20	—	—
355956 2008 YZ_{144}	16.9	X	271.69243	335.05107	284.26022	7.94119	0.1395927	0.26887584	2.3773960	20	1 24.5	20.3
355957 2008 YB_{149}	15.9	X	189.77940	224.73806	341.95399	16.19864	0.1141995	0.22667988	2.6639582	20	11 26.9	20.3
355958 2008 YO_{149}	17.6	X	27.35723	133.77217	271.16597	3.94170	0.2036800	0.25623944	2.4549278	20	—	—
355959 2008 YO_{152}	17.8	X	303.42628	127.00523	321.97100	5.82807	0.1529517	0.24041864	2.5614780	20	12 4.6	20.4
355960 2008 YR_{153}	17.4	X	139.47014	69.75383	281.12012	4.01945	0.1248340	0.26621745	2.3931966	20	1 6.2	20.5
355961 2008 YP_{155}	17.0	X	270.62221	303.32492	310.38458	5.45209	0.1037639	0.26656585	2.3911108	20	1 21.6	20.4
355962 2008 YT_{155}	17.2	X	269.97000	348.38007	219.49143	2.06128	0.1361272	0.25468183	2.4649271	20	—	—
355963 2008 YR_{157}	17.9	X	87.70408	211.42966	147.16196	2.92676	0.2049043	0.25829851	2.4418639	20	—	—
355964 2008 YO_{164}	17.1	X	190.80004	200.97234	89.91005	6.47182	0.1426047	0.25712503	2.4492877	20	—	—
355965 2008 YJ_{167}	17.4	X	58.59280	207.87728	229.59362	1.87872	0.1726404	0.26901440	2.3765796	20	1 5.9	19.2
355966 2008 YP_{167}	16.8	X	0.73950	100.23241	359.55612	6.76375	0.1195080	0.25829063	2.4419135	20	—	—
355967 2008 YH_{172}	17.2	X	235.30416	165.08756	27.85502	4.80781	0.1201181	0.23388656	2.6089507	20	—	—
355968 2009 AF_{1}	17.1	X	51.75701	178.74323	259.96390	5.44455	0.1332002	0.26689266	2.3891585	20	—	—
355969 2009 AA_{5}	17.1	X	298.40228	21.98546	13.48090	2.22963	0.1417048	0.23070906	2.6328510	20	9 8.3	19.8
355970 2009 AQ_{8}	17.2	X	328.65350	87.59191	84.83193	4.72194	0.1453977	0.26259849	2.4151340	20	—	—
355971 2009 AN_{13}	18.2	X	50.23359	206.34688	213.33698	1.76554	0.1374776	0.26206053	2.4184381	20	—	—
355972 2009 AB_{17}	17.1	X	47.52264	144.54630	303.19187	6.34503	0.0589394	0.26484953	2.4014299	20	—	—
355973 2009 AR_{19}	16.6	X	163.17848	223.01030	104.78382	7.30716	0.1230628	0.26562297	2.3967660	20	1 3.5	19.8
355974 2009 AD_{20}	17.1	X	254.85017	324.39252	311.36732	4.65529	0.1442643	0.27105135	2.3646580	20	1 28.4	20.6
355975 2009 AH_{22}	17.8	X	35.29767	292.63923	143.69881	1.93639	0.1537587	0.26183526	2.4198250	20	—	—
355976 2009 AM_{24}	17.7	X	50.60356	170.26551	223.80322	1.85829	0.1987267	0.25614503	2.4555310	20	—	—
355977 2009 AG_{27}	17.8	X	19.29528	158.29595	315.86844	1.38569	0.1511941	0.26407240	2.4061389	20	—	—
355978 2009 AA_{28}	16.6	X	334.89196	26.89116	117.35423	12.87672	0.1883954	0.25707018	2.4496362	20	—	—
355979 2009 AH_{28}	17.8	X	0.57845	3.49689	144.56380	1.41573	0.1115409	0.26583080	2.3955166	20	—	—
355980 2009 AA_{39}	17.3	X	118.76125	210.09443	161.37839	2.84937	0.1149779	0.26586402	2.3953170	20	1 5.4	20.2
355981 2009 AF_{39}	17.4	X	84.56415	200.99952	158.15245	2.68139	0.2169029	0.25697005	2.4502724	20	—	—
355982 2009 AW_{42}	17.0	X	51.22705	216.27820	123.20091	15.22840	0.1661825	0.23936037	2.5690224	20	12 31.3	20.8
355983 2009 AT_{43}	17.1	X	16.66166	272.65522	135.36302	5.95758	0.1320779	0.25145615	2.4859623	20	—	—
355984 2009 AM_{44}	17.0	X	311.02265	253.35584	160.08510	6.90872	0.0547293	0.22608665	2.6686161	20	11 1.9	20.3
355985 2009 AV_{44}	16.3	X	243.71540	148.54911	0.95017	10.74755	0.1064877	0.22772532	2.6557988	20	11 20.0	20.0
355986 2009 AL_{47}	17.7	X	85.04830	283.23490	111.35432	4.46904	0.2196461	0.26446649	2.4037481	20	1 3.1	19.7
355987 2009 AC_{50}	16.2	X	120.67642	292.12995	326.32529	10.82743	0.1231731	0.22371709	2.6874265	20	11 22.5	20.6
355988 2009 AJ_{50}	17.4	X	3.39563	248.16815	139.94152	4.55100	0.2108484	0.24389950	2.5370486	20	—	—
355989 2009 BX_{4}	16.8	X	41.28518	246.34498	154.31066	7.95079	0.2404895	0.25570375	2.4583553	20	—	—
355990 2009 BG_{7}	16.6	X	303.53587	354.81828	157.54495	5.57525	0.1697592	0.25273257	2.4775851	20	—	—
355991 2009 BX_{7}	16.6	X	226.68068	175.94462	286.24305	13.00084	0.2130478	0.22404597	2.6847960	20	8 15.8	21.0
355992 2009 BW_{10}	16.9	X	35.19096	208.48395	207.80292	5.95159	0.1487784	0.25493125	2.4633190	20	—	—
355993 2009 BW_{11}	16.9	X	337.74301	238.86239	277.88499	9.08390	0.0764935	0.26064171	2.4272068	20	—	—
355994 2009 BL_{14}	17.3	X	36.65347	199.29161	214.64478	3.91322	0.1859965	0.25633215	2.4543359	20	—	—
355995 2009 BL_{17}	17.7	X	9.35835	214.82861	240.30143	1.80020	0.1669910	0.25768493	2.4457386	20	—	—
355996 2009 BE_{25}	17.6	X	265.45866	98.36141	63.14702	4.54094	0.1174652	0.24473150	2.5312952	20	—	—
355997 2009 BQ_{26}	16.9	X	252.84589	160.84822	311.61087	13.28338	0.1697329	0.23288881	2.6163969	20	10 1.9	20.7
355998 2009 BS_{50}	17.4	X	275.63424	150.03725	93.39257	2.31157	0.1378571	0.26363337	2.4088095	20	1 10.7	21.0
355999 2009 BA_{51}	17.4	X	285.99088	121.26717	102.04235	3.14032	0.1535191	0.26096591	2.4251961	20	—	—
356000 2009 BO_{55}	17.1	X	31.52959	288.77239	84.16916	2.30549	0.2297351	0.24523552	2.5278257	20	—	—