Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324001 2005 UB_{274}	16.3	X	192.42128	29.45646	305.00926	11.64862	0.2450608	0.23188492	2.6239429	20	2 14.3	20.9
324002 2005 UL_{288}	16.9	X	44.26847	222.26915	182.71155	5.28367	0.1075240	0.21248211	2.7813425	20	—	—
324003 2005 UV_{288}	16.6	X	178.56149	18.55366	274.96309	4.58817	0.0222380	0.21537967	2.7563408	20	—	—
324004 2005 UL_{290}	16.7	X	72.69973	5.53570	9.83259	6.09304	0.0660665	0.21137362	2.7910580	20	—	—
324005 2005 UU_{291}	16.9	X	89.63542	78.80549	266.25481	3.68180	0.0830285	0.20966871	2.8061678	20	—	—
324006 2005 UK_{296}	16.1	X	31.25232	31.58301	49.08681	7.87328	0.0554757	0.21375874	2.7702574	20	—	—
324007 2005 UL_{299}	16.7	X	265.60751	332.86572	223.22054	2.28082	0.0897747	0.21120629	2.7925319	20	—	—
324008 2005 UG_{302}	15.4	X	242.28999	227.00155	63.00761	28.11096	0.2327252	0.22954398	2.6417524	20	2 11.2	20.5
324009 2005 UO_{303}	17.0	X	291.12451	243.22018	186.76521	8.01705	0.2430095	0.19223737	2.9733372	20	9 20.1	20.3
324010 2005 UB_{309}	15.9	X	290.80217	231.01262	31.68802	29.47589	0.1061514	0.23557055	2.5965024	20	3 18.1	19.9
324011 2005 UV_{309}	16.1	X	199.92944	203.22633	54.95958	13.95419	0.1482586	0.21320884	2.7750187	20	—	—
324012 2005 UO_{312}	16.7	X	189.15654	82.50486	223.73046	10.58448	0.1917301	0.22443311	2.6817077	20	1 9.8	21.4
324013 2005 UO_{313}	16.2	X	223.11531	150.08094	167.80171	11.77526	0.2283653	0.23507335	2.6001623	20	2 18.8	20.8
324014 2005 UZ_{324}	16.7	X	322.76514	317.77437	189.46434	9.08366	0.1001655	0.21726730	2.7403528	20	—	—
324015 2005 UW_{330}	16.7	X	299.60881	256.25503	176.97419	2.05365	0.0841428	0.19483662	2.9468339	20	10 30.9	20.3
324016 2005 UV_{348}	15.6	X	203.73997	99.08218	248.64731	13.88123	0.1403801	0.23147756	2.6270205	20	3 5.5	20.1
324017 2005 UT_{349}	16.4	X	62.71361	225.75041	148.56286	10.20953	0.1555322	0.21198156	2.7857191	20	—	—
324018 2005 UE_{352}	16.3	X	240.53672	314.58182	9.08890	11.70909	0.1967953	0.23770252	2.5809536	20	3 15.3	20.4
324019 2005 UW_{368}	17.0	X	328.64386	331.46245	116.87199	3.14629	0.0325426	0.20357852	2.8618580	20	—	—
324020 2005 UF_{376}	16.4	X	38.21316	136.82015	241.60652	9.52484	0.1195184	0.20617360	2.8377928	20	—	—
324021 2005 UB_{378}	17.1	X	168.77646	99.31763	213.66809	4.10005	0.1157935	0.21867325	2.7285941	20	—	—
324022 2005 UH_{381}	17.0	X	73.06849	167.15216	198.73210	5.38946	0.0682560	0.21117672	2.7927926	20	—	—
324023 2005 UO_{383}	16.9	X	249.99932	119.01709	193.78371	7.34118	0.1053630	0.23503108	2.6004740	20	3 15.7	20.7
324024 2005 UV_{389}	16.5	X	201.90464	52.08930	203.81866	11.30876	0.0758350	0.21563433	2.7541702	20	—	—
324025 2005 UB_{402}	16.8	X	2.04339	36.46671	22.96079	2.01806	0.0575701	0.20491553	2.8493959	20	—	—
324026 2005 UB_{405}	16.9	X	252.26954	293.06588	120.52418	2.01981	0.1696300	0.18102985	3.0948237	20	7 18.9	21.6
324027 2005 UF_{414}	17.2	X	340.47589	287.15226	153.45406	2.52748	0.0602728	0.20569278	2.8422134	20	—	—
324028 2005 UM_{422}	15.9	X	19.99913	48.78294	47.05614	22.29077	0.0373346	0.21483180	2.7610250	20	—	—
324029 2005 UY_{428}	17.6	X	232.71844	94.62769	214.69280	11.38629	0.1884823	0.23330723	2.6132678	20	2 15.2	22.1
324030 2005 UJ_{432}	16.8	X	41.24664	184.63411	186.18811	1.85933	0.0779811	0.20353898	2.8622286	20	—	—
324031 2005 UN_{436}	16.7	X	88.29739	161.67742	227.98429	4.95064	0.0576881	0.21933633	2.7230922	20	—	—
324032 2005 UW_{438}	16.6	X	80.59203	205.24929	175.51277	3.31517	0.1832717	0.21405452	2.7677049	20	—	—
324033 2005 UD_{440}	16.4	X	75.56826	94.00623	320.15516	5.46568	0.0603093	0.22104474	2.7090432	20	1 3.5	19.8
324034 2005 UA_{442}	16.9	X	60.43043	45.40038	344.04830	4.58443	0.1640613	0.21147016	2.7902084	20	—	—
324035 2005 US_{442}	16.6	X	95.03380	282.92914	79.93340	5.01601	0.1034796	0.21531393	2.7569018	20	—	—
324036 2005 UZ_{446}	16.7	X	52.26694	32.63697	352.78495	6.31804	0.1355232	0.21051549	2.7986377	20	—	—
324037 2005 UN_{455}	16.4	X	38.26799	109.14447	294.96043	10.75378	0.1435126	0.21240903	2.7819804	20	—	—
324038 2005 UM_{479}	17.0	X	132.37830	121.45944	203.67847	3.81731	0.0626533	0.21142437	2.7906114	20	—	—
324039 2005 UE_{480}	17.8	X	242.42168	159.74244	183.44438	27.17038	0.0894158	0.37346901	1.9097052	20	4 11.7	20.0
324040 2005 UX_{481}	16.2	X	53.51294	198.03025	181.76316	16.48618	0.1992583	0.21218778	2.7839140	20	—	—
324041 2005 UK_{495}	16.2	X	219.99953	305.04987	3.02372	11.79445	0.2012855	0.23196831	2.6233140	20	2 10.9	20.8
324042 2005 UZ_{495}	16.0	X	342.21598	165.86080	334.45016	10.94875	0.1042543	0.21869928	2.7283776	20	—	—
324043 2005 UZ_{511}	17.4	X	292.75127	84.63043	29.82060	1.41116	0.0890550	0.19858626	2.9096221	20	12 12.4	21.0
324044 2005 US_{516}	17.3	X	263.89065	115.74948	158.71810	5.26243	0.0579918	0.23379301	2.6096466	20	2 17.9	21.0
324045 2005 UO_{525}	16.5	X	242.17006	153.85072	49.05561	4.55152	0.0407728	0.20995403	2.8036249	20	—	—
324046 2005 UJ_{527}	16.0	X	192.91282	10.34239	251.72531	5.13182	0.0133279	0.20957647	2.8069911	20	—	—
324047 2005 VZ	17.2	X	194.86028	284.88041	46.81771	21.57167	0.0712798	0.36368965	1.9437874	20	2 2.6	20.1
324048 2005 VR_{2}	16.1	X	16.83616	346.84016	49.87183	16.08016	0.1329240	0.20548605	2.8441194	20	—	—
324049 2005 VA_{26}	16.8	X	39.41117	208.76941	204.80077	3.73725	0.1044779	0.21579613	2.7527934	20	—	—
324050 2005 VB_{28}	17.0	X	244.83020	2.72849	190.64746	3.99082	0.0449680	0.21016427	2.8017548	20	—	—
324051 2005 VZ_{29}	16.5	X	322.27273	322.48863	115.99420	3.13676	0.0353196	0.19918374	2.9038006	20	12 11.7	20.3
324052 2005 VD_{31}	16.3	X	208.67777	29.76218	232.70275	3.38227	0.0193955	0.21268404	2.7795817	20	—	—
324053 2005 VS_{42}	16.6	X	87.65621	252.96261	118.82241	5.56986	0.1330898	0.21482599	2.7610747	20	—	—
324054 2005 VA_{53}	16.5	X	68.15823	288.56498	89.60405	5.90119	0.1695994	0.21107690	2.7936731	20	—	—
324055 2005 VZ_{53}	16.7	X	196.73017	16.15643	176.73511	3.56735	0.1105516	0.19822787	2.9131280	20	11 17.3	21.0
324056 2005 VU_{56}	16.1	X	211.49513	257.76858	65.00332	15.65783	0.1443140	0.22870408	2.6482162	20	2 25.7	20.6
324057 2005 VG_{58}	16.2	X	309.18069	347.45842	232.35615	10.56690	0.1910112	0.22735913	2.6586497	20	1 14.9	20.0
324058 2005 VH_{59}	15.9	X	56.54561	68.97304	51.75192	22.77217	0.0404226	0.22697886	2.6616183	20	3 14.3	19.9
324059 2005 VX_{60}	17.2	X	128.39107	90.54005	250.99172	1.24471	0.0478571	0.21545299	2.7557154	20	—	—
324060 2005 VC_{61}	16.5	X	185.44522	192.30992	177.71350	7.62426	0.1169589	0.23329694	2.6133446	20	3 21.9	20.6
324061 2005 VM_{61}	17.5	X	92.84976	6.45893	72.88879	22.87478	0.0913338	0.35870676	1.9617470	20	2 24.1	20.0
324062 2005 VF_{63}	16.9	X	111.56019	159.22611	216.58043	4.78200	0.0833070	0.22383229	2.6865044	20	1 4.5	20.5
324063 2005 VK_{66}	16.8	X	308.44515	199.90208	51.76346	14.02776	0.1201730	0.23411883	2.6072249	20	3 15.3	20.4
324064 2005 VT_{77}	16.5	X	357.08492	48.59195	18.90752	6.78410	0.1578025	0.20593097	2.8400213	20	—	—
324065 2005 VB_{87}	16.4	X	83.03334	188.57130	220.38782	5.60390	0.0496177	0.21877060	2.7277846	20	1 4.9	20.0
324066 2005 VL_{97}	16.7	X	15.20986	27.19286	49.06622	2.76588	0.0726300	0.21012215	2.8021292	20	—	—
324067 2005 VM_{97}	16.5	X	268.25313	298.08212	239.46265	3.27819	0.0155681	0.20967564	2.8061060	20	—	—
324068 2005 VY_{123}	16.5	X	53.90272	351.40207	44.12881	5.80731	0.0208573	0.20819725	2.8193742	20	—	—
324069 2005 VC_{124}	15.7	X	328.22884	138.88472	289.06130	16.10089	0.1198126	0.20055020	2.8905955	20	12 8.5	19.2
324070 2005 WK_{1}	16.2	X	220.49395	89.91555	0.18601	24.80811	0.3363203	0.17866981	3.1220170	20	7 29.3	22.1
324071 2005 WA_{26}	16.2	X	327.01316	133.20782	274.14182	3.91813	0.0791246	0.19423000	2.9529664	20	11 6.4	20.0
324072 2005 WL_{26}	16.9	X	257.97885	37.87122	49.71741	2.93082	0.1061091	0.18759942	3.0221433	20	9 17.8	21.2
324073 2005 WA_{27}	16.6	X	174.50571	217.99406	59.31457	5.76909	0.0705996	0.20870672	2.8147841	20	—	—
324074 2005 WX_{30}	16.4	X	232.61957	330.57837	280.66919	3.97654	0.1095125	0.21324600	2.7746963	20	—	—
324075 2005 WH_{43}	15.4	X	329.28184	312.22942	68.08080	10.97435	0.1076766	0.18984785	2.9982345	20	10 10.8	19.1
324076 2005 WR_{49}	17.2	X	20.81918	347.85518	57.41405	2.79914	0.0835306	0.20542751	2.8446597	20	—	—
324077 2005 WU_{58}	15.5	X	236.19549	208.08845	260.49814	16.38673	0.2648882	0.18352304	3.0667307	20	8 20.9	20.8
324078 2005 WZ_{67}	16.5	X	220.67688	166.29612	91.84115	3.44689	0.0282547	0.21276644	2.7788641	20	—	—
324079 2005 WD_{75}	16.8	X	14.13897	87.71782	8.48283	3.83594	0.0689214	0.21311866	2.7758014	20	—	—
324080 2005 WP_{75}	16.8	X	229.73341	270.14548	27.27139	3.23888	0.0936409	0.22663791	2.6642871	20	2 8.2	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324081 2005 WL_{87}	15.9	X	48.15642	281.03822	78.15485	3.47128	0.0918306	0.19694317	2.9257829	20	12 31.7	20.0
324082 2005 WJ_{90}	15.5	X	296.63771	100.45640	49.42973	15.65630	0.0917299	0.20616724	2.8378512	20	—	—
324083 2005 WW_{94}	16.0	X	1.87712	291.37201	84.16734	8.33123	0.2289379	0.19697301	2.9254874	20	12 8.1	19.0
324084 2005 WY_{100}	16.5	X	292.32322	179.67259	235.29724	4.11168	0.2018888	0.18929933	3.0040236	20	9 6.3	20.3
324085 2005 WJ_{102}	16.4	X	7.46678	308.03931	79.85756	3.01820	0.0903064	0.19498161	2.9453729	20	12 13.5	20.2
324086 2005 WU_{102}	16.1	X	330.47710	327.90239	109.05002	6.46032	0.0936506	0.20081172	2.8880853	20	12 23.1	19.6
324087 2005 WS_{114}	17.0	X	234.03912	136.58165	294.10016	5.91714	0.2695843	0.17860306	3.1227948	20	7 11.6	22.0
324088 2005 WJ_{121}	16.2	X	347.56846	195.34132	228.99671	5.32283	0.0568089	0.20142027	2.8822651	20	12 29.4	19.9
324089 2005 WC_{122}	16.2	X	222.04219	264.14111	90.82089	5.88444	0.2271357	0.23598321	2.5934745	20	4 6.0	20.6
324090 2005 WR_{123}	17.0	X	144.43731	280.00864	46.14635	7.14155	0.0363541	0.21774579	2.7363367	20	—	—
324091 2005 WQ_{125}	17.2	X	214.83224	248.62551	56.08310	4.13722	0.1545237	0.22692231	2.6620605	20	2 1.2	21.5
324092 2005 WX_{140}	15.9	X	225.50049	19.57886	100.36889	12.27337	0.0468940	0.18170411	3.0871630	20	10 1.1	20.5
324093 2005 WB_{142}	17.0	X	271.07685	113.42848	288.92977	0.74439	0.2022466	0.18229733	3.0804619	20	7 22.4	21.2
324094 2005 WY_{144}	17.3	X	293.74965	23.92491	54.61467	2.61313	0.1877591	0.19287510	2.9667795	20	10 16.3	20.8
324095 2005 WB_{153}	16.3	X	50.47283	138.09716	272.41832	4.97493	0.0301271	0.21003810	2.8028767	20	—	—
324096 2005 WT_{153}	16.0	X	343.28326	334.16996	86.97381	11.00992	0.0889634	0.20209617	2.8758352	20	12 22.3	19.5
324097 2005 WX_{162}	15.2	X	1.18729	261.99028	99.50714	16.49904	0.0627192	0.18598384	3.0396197	20	11 3.9	19.5
324098 2005 WJ_{164}	17.1	X	354.73375	229.92730	199.61437	1.55578	0.0544207	0.20519759	2.8467842	20	—	—
324099 2005 WR_{187}	15.9	X	237.85787	232.42866	104.85842	16.06304	0.1083853	0.23470281	2.6028982	20	4 11.8	20.1
324100 2005 WD_{195}	15.8	X	216.58777	266.04171	232.36111	11.45225	0.2596767	0.18572798	3.0424106	20	9 12.9	21.1
324101 2005 WA_{203}	15.8	X	262.24188	19.80015	77.32719	7.16722	0.0817178	0.18679699	3.0307920	20	10 10.9	20.0
324102 2005 XJ_{12}	16.6	X	74.88831	251.66076	101.67070	6.88644	0.0815799	0.20381941	2.8596027	20	—	—
324103 2005 XK_{20}	16.7	X	353.43857	117.53502	302.07214	4.93557	0.0718237	0.20022927	2.8936833	20	—	—
324104 2005 XD_{23}	16.7	X	232.65566	16.82153	251.37420	4.29957	0.1195422	0.21711241	2.7416560	20	1 5.6	20.9
324105 2005 XE_{30}	16.1	X	185.14931	199.44742	65.83503	9.07815	0.0359690	0.21065654	2.7973883	20	—	—
324106 2005 XB_{51}	15.7	X	192.37455	95.86592	68.49763	10.89478	0.0109726	0.18578208	3.0418199	20	10 18.9	20.1
324107 2005 XE_{52}	16.5	X	236.62882	112.17223	345.61719	3.95711	0.0871932	0.18202086	3.0835804	20	9 5.3	21.0
324108 2005 XS_{57}	16.8	X	108.42187	151.98804	152.04170	2.60165	0.0355783	0.20086959	2.8875306	20	12 28.3	20.8
324109 2005 XL_{68}	16.5	X	133.67311	258.55546	55.76161	5.26565	0.1003868	0.20842791	2.8172937	20	—	—
324110 2005 XX_{73}	15.5	X	286.59718	287.92531	75.25646	12.78079	0.0732810	0.17400809	3.1775307	20	7 11.6	19.9
324111 2005 XO_{77}	16.3	X	259.32157	20.25272	66.78080	2.29944	0.2808512	0.18546941	3.0452377	20	8 24.7	20.8
324112 2005 XF_{84}	15.5	X	217.90318	116.36920	53.62906	16.92313	0.1572322	0.18485021	3.0520344	20	11 5.8	20.2
324113 2005 XX_{89}	16.5	X	290.26610	359.71011	89.60307	3.67995	0.1054735	0.19083605	2.9878751	20	11 4.2	20.3
324114 2005 XU_{109}	15.3	X	254.75370	339.42615	117.39296	10.72362	0.0637247	0.18090087	3.0962946	20	10 4.1	19.8
324115 2005 XL_{116}	16.0	X	249.81517	68.01946	92.77547	12.42826	0.1049793	0.19690217	2.9261891	20	12 9.2	19.9
324116 2005 YU_{7}	16.5	X	153.23000	137.69621	101.93874	2.37919	0.1158110	0.18842154	3.0133461	20	11 27.8	21.1
324117 2005 YN_{14}	15.8	X	249.84002	335.70496	114.14791	9.69574	0.0970515	0.18065180	3.0991400	20	9 13.3	20.3
324118 2005 YO_{16}	16.0	X	190.41716	70.21685	142.57632	2.34889	0.2295429	0.18633338	3.0358171	20	11 24.0	21.1
324119 2005 YG_{17}	17.0	X	18.11415	289.57965	119.64798	3.07311	0.0606102	0.20446846	2.8535479	20	—	—
324120 2005 YP_{18}	17.3	X	29.68355	193.15762	212.35849	1.08577	0.1237073	0.20626676	2.8369382	20	—	—
324121 2005 YT_{18}	16.9	X	31.15687	156.75095	230.15153	1.20467	0.0770841	0.20305349	2.8667891	20	—	—
324122 2005 YE_{30}	16.9	X	220.29231	41.19443	4.45475	3.43928	0.3495397	0.17107537	3.2137424	20	5 27.0	22.8
324123 2005 YF_{31}	15.4	X	80.16369	7.99747	291.18829	9.82842	0.0620000	0.18787344	3.0192040	20	11 18.7	19.9
324124 2005 YC_{32}	16.1	X	316.96360	307.52951	93.43258	2.96750	0.1696118	0.18596698	3.0398034	20	10 8.9	19.3
324125 2005 YD_{33}	15.9	X	213.52590	29.78331	110.77426	6.31683	0.1675857	0.18259027	3.0771663	20	9 27.3	20.8
324126 2005 YR_{38}	15.9	X	285.49684	69.54221	19.94774	9.09055	0.1461660	0.19311727	2.9642988	20	10 21.5	19.5
324127 2005 YY_{39}	16.6	X	189.31982	285.23033	286.28729	1.25233	0.1293217	0.18892764	3.0079623	20	11 27.9	21.1
324128 2005 YY_{46}	16.3	X	244.49375	140.66089	310.95110	4.98412	0.2288573	0.18143000	3.0902716	20	8 19.2	20.9
324129 2005 YX_{52}	15.7	X	261.23457	228.78050	280.12785	8.76292	0.0427423	0.19248741	2.9707618	20	12 15.9	19.8
324130 2005 YL_{54}	15.7	X	258.36552	191.10265	279.30589	8.28538	0.0376525	0.18604948	3.0389046	20	10 21.8	20.1
324131 2005 YA_{55}	16.3	X	167.61835	264.51880	274.35213	4.64833	0.0565564	0.18177712	3.0863363	20	9 28.3	20.9
324132 2005 YY_{55}	16.3	X	59.88615	36.39639	296.43592	3.54103	0.0828475	0.19498100	2.9453790	20	12 11.7	20.5
324133 2005 YA_{60}	15.3	X	175.17831	251.60946	293.52425	24.78915	0.2065993	0.18028000	3.1033995	20	9 27.2	21.1
324134 2005 YQ_{65}	16.7	X	233.19371	108.71492	14.49210	0.90803	0.0497687	0.18454013	3.0554522	20	10 8.0	20.8
324135 2005 YZ_{66}	16.1	X	180.43753	160.12328	327.59348	4.76943	0.1394591	0.17358067	3.1827448	20	8 10.3	21.1
324136 2005 YD_{85}	16.6	X	210.86130	143.12948	91.24972	3.22552	0.0455017	0.20350008	2.8625933	20	—	—
324137 2005 YH_{86}	15.8	X	85.72995	185.87158	102.04561	9.02773	0.0828228	0.18764778	3.0216240	20	11 17.9	20.3
324138 2005 YM_{86}	16.0	X	282.47715	340.21872	104.48952	12.72115	0.0464912	0.18700924	3.0284983	20	10 29.3	20.3
324139 2005 YY_{87}	16.1	X	50.23422	32.25535	294.15440	4.26783	0.1285749	0.18793985	3.0184927	20	11 26.7	20.4
324140 2005 YX_{89}	16.3	X	183.45907	126.66956	112.60198	11.81989	0.0924225	0.19337294	2.9616853	20	12 28.5	20.7
324141 2005 YR_{91}	15.7	X	30.13972	217.15682	127.89553	10.31004	0.1476517	0.18829080	3.0147408	20	11 29.9	19.8
324142 2005 YF_{92}	16.5	X	203.73077	85.00726	118.01283	6.86764	0.1029040	0.19080752	2.9881729	20	12 6.0	21.1
324143 2005 YE_{112}	15.9	X	20.62659	234.44039	114.65460	3.88864	0.0806139	0.18859188	3.0115314	20	11 11.8	19.8
324144 2005 YH_{117}	15.3	X	306.93623	310.74316	112.30132	16.48628	0.0549947	0.18608459	3.0385223	20	11 4.7	19.6
324145 2005 YZ_{123}	15.6	X	220.11848	88.85893	79.41043	6.71076	0.1498184	0.18678487	3.0309231	20	11 6.9	20.3
324146 2005 YP_{125}	16.6	X	310.42437	130.52889	306.52077	7.81025	0.0807865	0.19133647	2.9826632	20	11 17.7	20.4
324147 2005 YP_{142}	16.7	X	335.05199	350.47892	80.72982	3.16606	0.0997201	0.19416414	2.9536341	20	12 20.8	20.2
324148 2005 YY_{152}	15.6	X	25.74321	293.66085	96.84244	12.99653	0.0613250	0.19543605	2.9408053	20	—	—
324149 2005 YL_{153}	15.3	X	252.08210	161.04841	309.44847	10.80555	0.0388369	0.18596576	3.0398167	20	10 11.5	19.8
324150 2005 YU_{162}	16.0	X	280.14713	135.26091	271.69822	8.37852	0.1004506	0.18061976	3.0995064	20	8 20.9	20.3
324151 2005 YG_{167}	15.9	X	297.30922	338.38417	125.82634	11.40115	0.0844397	0.19232972	2.9723854	20	12 6.9	19.9
324152 2005 YH_{168}	17.1	X	280.92800	166.42320	87.14832	23.50195	0.0310440	0.35705524	1.9677916	20	1 30.9	19.5
324153 2005 YV_{168}	15.2	X	242.59819	55.11406	57.37024	12.49289	0.0809665	0.18251795	3.0779791	20	10 7.2	19.7
324154 2005 YN_{176}	16.5	X	185.95655	287.16902	281.32104	0.57262	0.1986283	0.18616521	3.0376451	20	11 16.6	21.6
324155 2005 YE_{177}	15.7	X	87.13094	147.69632	113.48155	4.07649	0.0426519	0.18165986	3.0876643	20	10 11.9	20.1
324156 2005 YZ_{178}	16.4	X	334.09603	109.39454	296.59705	8.33821	0.0846283	0.18810650	3.0167096	20	11 12.6	20.3
324157 2005 YC_{190}	16.2	X	28.32103	34.78166	306.91930	8.89175	0.0829217	0.18703679	3.0282009	20	11 8.5	20.4
324158 2005 YY_{192}	16.1	X	300.59422	300.58847	111.21471	3.73590	0.0831363	0.18249729	3.0782113	20	10 3.8	20.0
324159 2005 YF_{199}	15.3	X	101.75050	351.10801	281.69526	9.99329	0.0967989	0.18761837	3.0219398	20	11 13.9	20.0
324160 2005 YO_{201}	16.2	X	327.73750	86.59528	292.39899	10.43910	0.1334820	0.18474931	3.0531455	20	9 22.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324161 2005 YH_{205}	15.8	X	237.51507	345.39667	122.21291	11.20129	0.0680818	0.18063544	3.0993271	20	9 25.3	20.4
324162 2005 YV_{210}	15.5	X	172.91623	93.51229	69.48587	16.26962	0.2334391	0.17396345	3.1780743	20	9 21.5	21.3
324163 2005 YP_{251}	15.5	X	39.53491	38.73185	264.53783	6.29927	0.0151726	0.17969176	3.1101687	20	9 25.8	20.0
324164 2005 YZ_{255}	16.3	X	185.23970	161.04710	73.41638	3.03888	0.0347551	0.19486705	2.9465271	20	12 29.9	20.4
324165 2005 YT_{264}	16.5	X	190.40879	149.34083	41.32606	1.61050	0.0327221	0.18659455	3.0329838	20	11 11.5	20.8
324166 2005 YS_{268}	16.6	X	132.66245	272.42688	40.03986	3.49540	0.0971341	0.19923171	2.9033344	20	—	—
324167 2005 YM_{270}	16.2	X	299.42251	143.39805	311.27971	7.18041	0.1055936	0.19061607	2.9901734	20	11 22.0	20.0
324168 2005 YD_{278}	16.8	X	214.37531	246.89635	86.57399	3.73991	0.1486438	0.22747903	2.6577154	20	3 6.6	21.0
324169 2005 YK_{283}	15.8	X	50.88457	226.05156	139.71073	9.13716	0.0726169	0.19566829	2.9384778	20	—	—
324170 2005 YS_{284}	17.0	X	198.09917	13.37053	152.40120	0.59982	0.1185895	0.18375389	3.0641618	20	10 13.9	21.7
324171 2006 AJ	15.6	X	225.14368	270.58087	219.22259	8.55678	0.1960420	0.18292211	3.0734436	20	9 17.3	20.6
324172 2006 AC_{4}	15.9	X	270.97407	29.41226	52.73198	10.21317	0.1287770	0.18561152	3.0436831	20	9 27.9	20.1
324173 2006 AM_{7}	15.5	X	245.08847	105.23937	24.86693	17.27126	0.1068433	0.18335398	3.0686157	20	10 21.9	19.8
324174 2006 AX_{10}	16.5	X	156.21819	54.40724	110.11260	2.06035	0.1042632	0.17497102	3.1658620	20	9 1.3	21.4
324175 2006 AU_{14}	15.9	X	260.56216	188.61494	305.98823	9.39003	0.0486334	0.18821134	3.0155893	20	11 23.9	20.2
324176 2006 AN_{20}	15.5	X	163.79636	249.64163	312.33121	25.15271	0.2002382	0.17990825	3.1076731	20	10 7.5	21.3
324177 2006 AV_{25}	16.2	X	187.27912	255.32686	298.96015	5.23624	0.2467144	0.18382044	3.0634222	20	10 27.8	21.7
324178 2006 AD_{26}	16.5	X	280.26031	89.55559	306.05398	4.17689	0.1529337	0.17873116	3.1213026	20	8 1.9	20.6
324179 2006 AA_{27}	17.0	X	178.41394	334.86379	195.44368	1.26725	0.1175582	0.18040436	3.1019731	20	9 29.4	21.7
324180 2006 AX_{34}	15.9	X	9.16687	68.92207	296.19976	9.73232	0.0828283	0.18784135	3.0195479	20	11 11.9	20.0
324181 2006 AC_{35}	16.4	X	141.14219	244.39853	307.79036	7.70114	0.0526919	0.17696982	3.1419788	20	9 14.0	21.2
324182 2006 AX_{36}	15.7	X	235.48791	329.85363	114.96462	9.81182	0.0935633	0.17590822	3.1546072	20	8 18.9	20.4
324183 2006 AU_{37}	15.8	X	264.49862	148.44466	302.77007	8.77563	0.0856283	0.18298721	3.0727146	20	9 27.0	20.3
324184 2006 AT_{41}	15.9	X	147.32501	321.06317	280.74692	8.12847	0.1105435	0.18569071	3.0428177	20	11 23.2	20.8
324185 2006 AT_{48}	16.2	X	262.11378	184.55125	265.97850	4.69032	0.0897681	0.18370744	3.0646783	20	9 24.8	20.5
324186 2006 AS_{49}	16.3	X	208.77335	73.73895	94.62940	5.79329	0.1130671	0.18679496	3.0308140	20	10 30.7	20.9
324187 2006 AU_{58}	16.7	X	36.78705	288.68631	103.62840	3.29910	0.0669610	0.19863987	2.9090986	20	—	—
324188 2006 AJ_{61}	16.1	X	166.21932	100.16036	127.45885	12.87121	0.2809991	0.18283373	3.0744340	20	11 23.6	21.8
324189 2006 AV_{62}	16.4	X	209.28820	86.14775	61.12468	3.32242	0.2011203	0.18191288	3.0848006	20	9 27.2	21.5
324190 2006 AN_{63}	16.3	X	138.74534	202.37565	118.72818	4.38977	0.2137798	0.20529787	2.8458571	20	—	—
324191 2006 AX_{65}	16.1	X	208.34649	221.42947	317.83134	5.70048	0.1717758	0.18448504	3.0560605	20	11 1.9	21.0
324192 2006 AZ_{66}	15.9	X	249.32949	207.45149	264.92032	5.12280	0.1142943	0.18400978	3.0613204	20	10 2.6	20.3
324193 2006 AJ_{67}	16.6	X	337.30257	244.99727	153.76384	4.57723	0.2399646	0.19114764	2.9846271	20	11 18.9	19.3
324194 2006 AN_{68}	16.6	X	304.11117	110.95125	282.54372	1.19753	0.0964582	0.17968249	3.1102757	20	9 10.7	20.5
324195 2006 AW_{68}	16.5	X	6.44404	330.80952	103.01573	3.36320	0.1605373	0.20333799	2.8641144	20	—	—
324196 2006 AN_{70}	15.9	X	175.86710	266.09343	298.85308	10.93827	0.0860562	0.18426977	3.0584402	20	11 5.4	20.8
324197 2006 AG_{72}	16.3	X	257.85420	326.26552	133.26914	6.86899	0.1054200	0.18315266	3.0708638	20	10 3.6	20.6
324198 2006 AL_{73}	16.7	X	212.93268	26.06280	155.42541	4.40195	0.0440018	0.18767876	3.0212915	20	11 26.5	21.1
324199 2006 AE_{78}	15.6	X	166.47964	281.47789	296.73805	14.89610	0.1110097	0.18445088	3.0564377	20	11 10.7	20.7
324200 2006 AV_{79}	15.1	X	145.83835	74.05547	132.16297	26.66441	0.2296400	0.17349002	3.1838533	20	10 21.2	21.0
324201 2006 AB_{81}	16.1	X	352.05013	85.79236	284.39882	9.43715	0.0688420	0.18440757	3.0569163	20	10 21.4	20.2
324202 2006 AF_{85}	15.0	X	177.72514	65.39260	152.02568	22.80598	0.1642372	0.18292047	3.0734619	20	11 26.3	20.4
324203 2006 AE_{89}	15.9	X	178.35518	52.83859	138.06619	12.55243	0.0528833	0.18098662	3.0953166	20	10 31.7	20.7
324204 2006 AT_{91}	16.3	X	148.77801	120.31168	105.02143	3.74811	0.0708186	0.18424744	3.0586873	20	11 7.2	20.9
324205 2006 AC_{96}	15.3	X	201.67697	185.42523	350.38402	10.17451	0.0993945	0.18153368	3.0890949	20	10 26.7	20.2
324206 2006 AW_{97}	15.2	X	194.96002	54.03438	73.97842	22.02981	0.0777272	0.17260492	3.1947284	20	9 7.2	20.4
324207 2006 AO_{102}	16.1	X	322.05935	39.80927	334.05976	7.92280	0.0742096	0.17452191	3.1712908	20	9 12.5	20.2
324208 2006 AS_{103}	16.6	X	130.82733	92.89645	183.07049	10.29012	0.1192009	0.18586494	3.0409158	20	12 18.6	21.6
324209 2006 BQ_{2}	15.6	X	184.54486	277.54181	280.44072	9.02319	0.1473652	0.18229584	3.0804787	20	11 3.1	20.7
324210 2006 BN_{10}	15.5	X	137.66804	107.07890	124.34504	11.10862	0.0708326	0.18146737	3.0898473	20	11 5.5	20.4
324211 2006 BJ_{19}	16.9	X	184.76580	6.49770	160.19698	1.93100	0.1164631	0.18021524	3.1041428	20	10 1.8	21.7
324212 2006 BY_{23}	15.5	X	195.18104	205.16176	319.10953	9.37399	0.1625829	0.17762579	3.1342385	20	10 1.1	20.7
324213 2006 BR_{27}	16.4	X	95.80852	349.37154	340.36970	1.54752	0.0680476	0.19552216	2.9399417	20	—	—
324214 2006 BC_{31}	15.7	X	271.24764	321.39629	123.28390	6.32992	0.1450914	0.18244798	3.0787660	20	9 26.4	19.9
324215 2006 BH_{33}	15.6	X	115.75757	259.69500	346.45006	14.31308	0.1594475	0.17315062	3.1880124	20	10 25.5	21.0
324216 2006 BM_{33}	15.6	X	287.35014	283.79202	152.76017	16.83932	0.1167465	0.17957100	3.1115629	20	10 14.1	19.8
324217 2006 BF_{39}	15.5	X	26.37629	12.95676	314.96682	8.41981	0.0570840	0.18326634	3.0695938	20	10 14.4	19.8
324218 2006 BO_{41}	15.5	X	34.73599	153.08203	160.84451	19.93599	0.0481271	0.17310636	3.1885559	20	10 13.2	20.1
324219 2006 BA_{44}	15.0	X	118.68451	264.37827	334.79036	24.62868	0.2108401	0.17321296	3.1872476	20	10 15.7	20.8
324220 2006 BP_{51}	16.6	X	183.86467	228.43242	334.85720	3.49186	0.1075158	0.18340436	3.0680537	20	11 12.6	21.4
324221 2006 BM_{56}	16.2	X	211.25209	92.75028	351.52091	17.13092	0.2270050	0.17259285	3.1948773	20	7 16.3	21.8
324222 2006 BK_{60}	16.1	X	125.47129	77.61814	157.07120	11.51716	0.0351394	0.17647741	3.1478205	20	10 23.8	20.8
324223 2006 BG_{61}	15.1	X	306.17120	320.97072	68.22457	15.44764	0.0596894	0.17896907	3.1185357	20	9 21.7	19.5
324224 2006 BV_{68}	15.8	X	124.45043	138.17311	116.07269	9.79413	0.1351003	0.18203764	3.0833909	20	11 20.2	20.8
324225 2006 BB_{71}	15.3	X	275.35121	92.75130	354.76599	8.97538	0.0353369	0.18150446	3.0894264	20	10 15.3	19.7
324226 2006 BW_{78}	16.4	X	231.63117	25.43250	56.29782	1.55229	0.1607004	0.17258541	3.1949691	20	8 1.9	21.2
324227 2006 BE_{93}	16.4	X	183.56310	182.13138	5.43112	2.28828	0.1550493	0.17784791	3.1316283	20	10 22.3	21.4
324228 2006 BR_{100}	15.4	X	154.38691	103.32209	105.43173	16.25560	0.0646564	0.17909531	3.1170701	20	10 29.6	20.4
324229 2006 BY_{100}	15.9	X	57.86509	332.30856	336.91478	9.11454	0.0353293	0.18157389	3.0886388	20	10 28.6	20.3
324230 2006 BH_{108}	16.3	X	90.82766	187.91210	88.53300	2.40104	0.1591827	0.17941181	3.1134032	20	11 13.9	21.2
324231 2006 BA_{111}	15.5	X	184.21456	63.35037	123.42968	10.74095	0.0538527	0.18139133	3.0907108	20	11 1.9	20.2
324232 2006 BO_{113}	16.5	X	146.41393	106.02369	95.45415	2.07541	0.1495272	0.17524332	3.1625815	20	10 7.3	21.7
324233 2006 BQ_{115}	15.6	X	314.48732	284.76629	154.64187	10.73800	0.0522769	0.18604116	3.0389953	20	11 30.6	19.8
324234 2006 BH_{119}	16.5	X	305.33360	250.61713	159.27244	11.12099	0.0306619	0.17808864	3.1288056	20	10 12.8	20.8
324235 2006 BH_{121}	15.9	X	276.98072	277.95466	158.33865	13.60372	0.1008169	0.17936414	3.1139548	20	9 29.2	20.1
324236 2006 BP_{121}	15.7	X	293.54418	309.01775	132.69197	9.79832	0.0513465	0.18437180	3.0573117	20	11 6.2	20.0
324237 2006 BJ_{128}	13.8	X	234.49552	191.43350	164.24511	9.26585	0.0869831	0.08363946	5.1783958	20	5 2.8	21.0
324238 2006 BG_{131}	15.7	X	151.94631	57.18474	150.37588	5.08471	0.1079371	0.17452049	3.1713081	20	10 19.6	20.6
324239 2006 BB_{135}	15.8	X	47.07187	171.06053	126.31194	9.08398	0.1284454	0.17664775	3.1457966	20	10 20.8	20.2
324240 2006 BZ_{153}	15.8	X	204.42976	214.41923	295.71289	7.35850	0.2176827	0.17744038	3.1364214	20	9 19.7	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324241 2006 BJ_{155}	15.5	X	292.79789	257.90487	137.05724	10.81218	0.1179399	0.17347290	3.1840628	20	8 24.7	19.6
324242 2006 BA_{161}	15.5	X	132.49983	96.25290	159.69087	14.47423	0.1596759	0.18008505	3.1056388	20	11 29.5	20.8
324243 2006 BC_{162}	15.3	X	129.96026	267.75411	326.21411	24.36129	0.2824559	0.17396716	3.1780290	20	10 21.5	21.4
324244 2006 BJ_{162}	16.4	X	179.34872	148.36508	49.40166	0.99226	0.1299531	0.18066559	3.0989822	20	11 1.4	21.3
324245 2006 BR_{164}	15.7	X	178.91488	25.65281	146.37335	16.18215	0.1827281	0.17455529	3.1708866	20	10 3.1	21.1
324246 2006 BJ_{169}	15.7	X	306.53779	247.76801	153.87387	9.64876	0.0835213	0.17647953	3.1477954	20	9 28.6	19.8
324247 2006 BW_{169}	16.0	X	123.01235	77.53574	165.43761	12.18671	0.1069569	0.17511701	3.1641022	20	11 3.7	21.0
324248 2006 BD_{172}	16.4	X	126.46366	50.76242	211.24698	1.39882	0.1089249	0.18506197	3.0497057	20	11 27.9	21.0
324249 2006 BG_{177}	15.7	X	156.40909	104.91993	114.03055	9.00473	0.0561824	0.18225613	3.0809261	20	11 9.3	20.4
324250 2006 BX_{181}	16.2	X	0.25239	223.85336	137.91391	9.90035	0.0825425	0.17990769	3.1076796	20	10 30.7	20.3
324251 2006 BC_{184}	16.4	X	197.34553	101.91388	77.73811	2.48455	0.0864407	0.18342601	3.0678122	20	11 1.6	21.0
324252 2006 BT_{184}	16.1	X	32.75092	29.69777	323.09791	12.10194	0.0953196	0.18746029	3.0236385	20	12 1.2	20.4
324253 2006 BM_{185}	15.9	X	41.61899	12.40922	333.37674	8.81829	0.1040952	0.18592217	3.0402918	20	12 5.3	20.3
324254 2006 BE_{189}	16.2	X	229.60081	122.08774	20.89930	5.42714	0.1036870	0.17979951	3.1089260	20	10 20.1	20.6
324255 2006 BQ_{203}	15.4	X	343.76294	9.72054	340.13231	8.47697	0.2241485	0.17598065	3.1537415	20	9 15.9	18.6
324256 2006 BZ_{210}	15.6	X	228.25730	153.66243	319.95489	10.50569	0.2383896	0.17814977	3.1280897	20	8 28.2	20.8
324257 2006 BH_{211}	16.1	X	77.20300	301.46069	356.93310	7.37989	0.0516107	0.17844292	3.1246629	20	11 10.7	20.6
324258 2006 BH_{212}	16.0	X	203.48911	18.29155	135.56054	5.29118	0.0873190	0.17639607	3.1487882	20	10 8.5	20.7
324259 2006 BZ_{214}	15.4	X	228.60557	56.34290	80.33828	17.20610	0.0414170	0.18197320	3.0841188	20	10 27.4	20.0
324260 2006 BT_{217}	15.3	X	245.42608	123.30615	320.72542	16.73123	0.1938140	0.17439602	3.1728168	20	8 14.7	20.1
324261 2006 BQ_{226}	15.5	X	140.61155	257.27817	337.65902	24.75856	0.2170561	0.17578913	3.1560318	20	10 29.3	21.3
324262 2006 BV_{226}	16.4	X	247.40268	276.77583	158.58019	10.12842	0.2162140	0.17445511	3.1721003	20	8 2.6	21.3
324263 2006 BN_{232}	15.8	X	132.01166	279.19600	337.91717	10.43707	0.0799495	0.18465569	3.0541774	20	11 23.9	20.7
324264 2006 BN_{239}	16.4	X	263.46942	7.57857	85.01293	2.04464	0.1005200	0.18113900	3.0935804	20	9 30.8	20.5
324265 2006 BO_{243}	16.5	X	251.49690	84.67607	6.64763	5.14512	0.1170814	0.17841852	3.1249477	20	9 11.3	20.9
324266 2006 BR_{262}	16.4	X	159.69877	213.58511	349.46839	7.83984	0.1303136	0.17556457	3.1587225	20	10 17.4	21.6
324267 2006 BC_{265}	16.5	X	159.63856	67.42957	150.33597	6.11729	0.0889200	0.17849239	3.1240855	20	11 8.9	21.3
324268 2006 BM_{274}	15.6	X	238.78030	275.48144	159.90024	6.29229	0.0364467	0.16913568	3.2382663	20	8 15.3	20.2
324269 2006 BT_{274}	16.7	X	214.02329	20.81901	90.12136	2.50629	0.1225776	0.17392563	3.1785350	20	8 23.9	21.6
324270 2006 BB_{275}	16.2	X	220.57778	150.56516	334.36524	4.52883	0.1156581	0.17738815	3.1370370	20	9 16.0	21.0
324271 2006 BG_{278}	16.5	X	250.47728	186.18860	310.37939	4.35690	0.0593603	0.18604971	3.0389021	20	11 12.1	20.8
324272 2006 BV_{278}	16.0	X	279.17962	78.97356	336.16030	8.49982	0.0460858	0.17427384	3.1742995	20	9 8.7	20.2
324273 2006 BS_{283}	16.0	X	31.25776	27.51291	309.06721	8.43077	0.0640159	0.18263292	3.0766871	20	11 2.3	20.3
324274 2006 CT_{2}	16.4	X	126.66975	75.28020	130.72954	2.18873	0.1672082	0.17283497	3.1918929	20	9 25.4	21.6
324275 2006 CH_{10}	15.5	X	118.45722	120.05128	181.35869	8.79712	0.0810349	0.18920839	3.0049861	20	—	—
324276 2006 CF_{12}	16.1	X	85.85274	317.02594	313.94366	8.97412	0.0428215	0.17906171	3.1174600	20	10 15.5	20.8
324277 2006 CA_{26}	15.5	X	16.29089	13.70188	320.82627	9.75073	0.0923676	0.17983631	3.1085018	20	10 11.6	19.7
324278 2006 CQ_{37}	15.5	X	70.56127	330.53239	313.14483	12.30034	0.1094051	0.17532195	3.1616359	20	10 19.5	20.3
324279 2006 CE_{39}	15.4	X	301.87309	255.68784	176.52621	8.89605	0.0991136	0.18206025	3.0831356	20	10 30.2	19.3
324280 2006 CE_{45}	16.7	X	292.14336	2.23134	46.23811	3.83975	0.1873830	0.18099848	3.0951813	20	9 2.4	20.5
324281 2006 CV_{48}	15.7	X	131.91226	248.78686	325.22344	8.48196	0.0454967	0.17551774	3.1592842	20	9 29.6	20.4
324282 2006 CU_{49}	15.1	X	123.91906	312.52025	316.32879	10.37483	0.1375195	0.18319034	3.0704427	20	12 2.9	20.2
324283 2006 CM_{54}	16.4	X	105.52209	128.38788	129.66561	1.90697	0.1401197	0.17883458	3.1200991	20	11 4.9	21.3
324284 2006 CJ_{59}	15.6	X	223.22309	7.25529	167.36473	9.54487	0.0834102	0.18351406	3.0668309	20	11 25.3	20.2
324285 2006 CG_{61}	15.5	X	199.25527	347.51021	164.21634	11.50816	0.1713471	0.17847180	3.1243257	20	9 25.1	20.6
324286 2006 CA_{62}	15.5	X	223.72605	94.57653	28.40524	25.29106	0.3024306	0.17856751	3.1232093	20	9 14.1	21.1
324287 2006 DO	15.7	X	233.33117	257.90462	234.82571	10.00850	0.0390109	0.18260850	3.0769615	20	10 19.3	20.1
324288 2006 DV_{9}	15.0	X	71.24032	294.72679	14.27798	16.14268	0.2408381	0.17644067	3.1482575	20	12 7.3	20.2
324289 2006 DE_{15}	16.2	X	260.12762	343.05041	94.38037	3.38124	0.0598835	0.17573499	3.1566800	20	9 13.2	20.6
324290 2006 DG_{15}	15.6	X	130.42730	266.15466	343.55212	14.31461	0.1101341	0.17985565	3.1082790	20	11 11.2	20.7
324291 2006 DV_{26}	15.8	X	172.61562	11.27101	162.71634	8.48717	0.0136954	0.17215924	3.2002396	20	10 1.9	20.3
324292 2006 DK_{41}	15.3	X	243.41316	138.85653	299.15232	18.09363	0.0983247	0.17330369	3.1861350	20	8 12.6	20.1
324293 2006 DV_{45}	15.9	X	234.80542	122.05108	354.70898	9.18440	0.0629155	0.17428799	3.1741277	20	9 27.6	20.6
324294 2006 DY_{46}	15.8	X	226.83102	288.63814	163.96561	4.79398	0.1227795	0.16921953	3.2371964	20	8 12.8	20.7
324295 2006 DT_{55}	16.0	X	44.39310	309.07147	20.68966	8.12238	0.0602019	0.17840144	3.1251471	20	11 11.0	20.3
324296 2006 DL_{56}	15.8	X	31.81774	197.39491	108.36244	6.34407	0.0565863	0.17077909	3.2174583	20	9 29.2	20.2
324297 2006 DA_{57}	15.6	X	137.37177	117.72244	117.69381	6.26926	0.1620595	0.17521935	3.1628699	20	11 9.1	20.8
324298 2006 DC_{71}	15.8	X	294.77826	86.73137	338.14066	11.99413	0.0903589	0.18046083	3.1013259	20	10 4.2	20.0
324299 2006 DC_{77}	15.7	X	24.41882	187.29898	152.76927	12.60249	0.2269295	0.17548359	3.1596941	20	11 25.0	19.9
324300 2006 DR_{84}	16.0	X	195.37575	20.58902	179.47435	10.57213	0.0491155	0.18130313	3.0917131	20	11 27.6	20.6
324301 2006 DG_{98}	16.2	X	91.06216	70.72534	170.78889	2.11941	0.0622829	0.17110883	3.2133234	20	9 21.4	20.8
324302 2006 DT_{101}	16.0	X	213.83027	35.19784	105.46917	2.74206	0.1533461	0.17635510	3.1492758	20	9 26.7	21.0
324303 2006 DK_{111}	15.8	X	167.74102	201.60910	349.78181	3.47488	0.0989074	0.17441428	3.1725954	20	10 13.1	20.7
324304 2006 DP_{118}	15.6	X	222.47856	118.40573	355.97736	16.73543	0.1956762	0.17354158	3.1832227	20	9 1.7	20.7
324305 2006 DL_{123}	15.7	X	314.57688	237.34308	160.84329	17.65511	0.1823939	0.17926287	3.1151275	20	9 28.8	19.2
324306 2006 DD_{132}	16.1	X	242.15967	120.75240	5.73114	9.63004	0.0691924	0.17886210	3.1197790	20	10 17.4	20.7
324307 2006 DR_{141}	15.9	X	154.50151	94.95615	129.84737	5.10138	0.1001730	0.17708778	3.1405833	20	11 11.5	20.8
324308 2006 DG_{153}	15.7	X	353.87549	25.30628	345.93621	16.68517	0.1838914	0.18002304	3.1063519	20	10 29.0	19.5
324309 2006 DV_{181}	15.4	X	69.71317	317.78998	9.03490	16.62513	0.2023712	0.17698661	3.1417800	20	12 25.7	20.6
324310 2006 DQ_{184}	15.4	X	217.53883	344.17989	179.17679	19.69388	0.2436564	0.17906001	3.1174798	20	10 20.2	20.6
324311 2006 DR_{187}	16.0	X	129.44939	217.29102	24.16242	5.06904	0.1560246	0.17236026	3.1977509	20	11 5.9	21.3
324312 2006 DZ_{190}	15.9	X	66.67407	271.91772	32.88353	7.14037	0.1570741	0.17084541	3.2166255	20	11 19.5	20.6
324313 2006 DA_{195}	16.7	X	310.06702	79.20272	323.57486	4.36682	0.1328315	0.17914373	3.1165084	20	9 27.3	20.6
324314 2006 DF_{196}	15.9	X	256.48532	290.35242	181.37031	12.47348	0.1899154	0.18331360	3.0690663	20	10 2.9	20.2
324315 2006 DR_{198}	15.4	X	168.47217	158.03639	32.77461	19.12326	0.1385828	0.17487024	3.1670782	20	10 15.9	20.5
324316 2006 DZ_{199}	15.2	X	143.08278	201.12144	1.32300	26.96345	0.0740936	0.17670087	3.1451662	20	9 29.7	19.9
324317 2006 EP_{52}	15.5	X	130.23423	36.62765	188.45032	11.61613	0.0586172	0.17249048	3.1961413	20	10 15.9	20.3
324318 2006 FY_{11}	15.8	X	145.37299	70.73682	175.53956	11.90793	0.0425997	0.17774333	3.1328565	20	11 27.6	20.6
324319 2006 GG_{20}	18.6	X	63.09444	123.68239	171.92524	5.38519	0.0409592	0.30759057	2.1734719	20	11 18.9	21.1
324320 2006 GS_{48}	15.4	X	168.89257	349.34293	217.82272	11.76894	0.0493096	0.17093213	3.2155375	20	11 3.8	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324321 2006 HS_{50}	15.7	X	238.89375	287.18939	194.10750	19.35617	0.1168272	0.17361060	3.1823790	20	10 1.4	20.3
324322 2006 HB_{62}	17.6	X	65.93037	177.98640	166.00037	4.86965	0.2285227	0.31340528	2.1465047	20	—	—
324323 2006 HL_{90}	17.7	X	115.76824	354.22789	305.71880	0.62987	0.1807539	0.31320681	2.1474114	20	—	—
324324 2006 HP_{92}	18.1	X	113.38136	195.10660	115.46388	3.67040	0.2188710	0.31376423	2.1448673	20	—	—
324325 2006 HZ_{144}	18.0	X	144.33499	301.33385	5.11904	1.61319	0.1751828	0.25433974	2.4671368	20	—	—
324326 2006 HL_{147}	17.9	X	79.34794	34.18999	265.96000	2.92831	0.1923021	0.30567728	2.1825319	20	12 25.9	21.3
324327 2006 JB_{72}	15.5	X	356.20827	91.37904	215.28732	9.53640	0.0962395	0.15491642	3.4335054	20	8 3.9	20.0
324328 2006 KM_{61}	17.6	X	315.40046	158.98807	188.40087	6.21813	0.1766333	0.28885973	2.2664426	20	7 30.7	19.3
324329 2006 KU_{71}	17.6	X	343.37085	199.90888	177.64197	6.62608	0.1517265	0.30138216	2.2032191	20	12 2.4	19.5
324330 2006 OG_{1}	17.7	X	34.08141	8.53183	297.23210	6.03792	0.1058629	0.29187401	2.2508114	20	10 26.4	20.5
324331 2006 OE_{12}	17.7	X	29.13854	223.86506	100.42727	1.49668	0.2685000	0.29077863	2.2564604	20	12 12.1	20.5
324332 2006 OR_{12}	16.7	X	105.43765	196.26206	90.27042	10.70814	0.2376527	0.30230030	2.1987558	20	12 31.9	20.3
324333 2006 OW_{16}	17.4	X	268.24248	58.84974	298.49487	3.42490	0.1556783	0.27374806	2.3491028	20	5 28.2	20.5
324334 2006 PO	18.2	X	84.55024	10.34831	263.72944	4.18728	0.1547324	0.29564976	2.2316069	20	11 23.2	21.4
324335 2006 PG_{5}	17.7	X	338.10391	356.46560	330.98001	4.03768	0.1669871	0.28279862	2.2987118	20	8 23.1	19.2
324336 2006 PC_{11}	17.7	X	56.56945	43.04356	257.14400	1.61469	0.1919781	0.29353717	2.2423014	20	12 1.6	20.7
324337 2006 PV_{13}	17.2	X	72.81662	222.04292	78.28883	7.07213	0.2114909	0.29757645	2.2219640	20	12 19.9	20.5
324338 2006 PZ_{14}	17.6	X	195.41765	345.07981	46.44173	2.78112	0.2132727	0.26269485	2.4145434	20	4 25.9	21.6
324339 2006 PO_{16}	17.0	X	303.48335	178.67309	162.78750	7.46644	0.1403110	0.27580318	2.3374188	20	7 1.7	19.4
324340 2006 PB_{21}	18.2	X	17.17146	175.72715	154.82678	6.77135	0.1958712	0.29058863	2.2574439	20	11 25.3	20.8
324341 2006 PN_{26}	17.5	X	330.81583	326.15521	6.22888	5.91488	0.1848450	0.28047022	2.3114165	20	8 15.0	19.1
324342 2006 PB_{27}	17.1	X	240.51839	63.29013	288.74211	3.92411	0.2120925	0.26420457	2.4053365	20	4 12.9	20.9
324343 2006 QV_{2}	17.6	X	13.97136	338.20868	330.60564	6.68117	0.1313079	0.28491087	2.2873364	20	10 1.6	19.9
324344 2006 QH_{10}	16.8	X	321.34149	253.98408	98.91948	7.60661	0.2309037	0.28106637	2.3081470	20	8 23.6	18.1
324345 2006 QZ_{11}	17.6	X	14.32911	315.84447	10.83605	3.88380	0.1713534	0.28939851	2.2636287	20	11 7.9	19.8
324346 2006 QQ_{16}	17.6	X	245.36139	355.89882	346.78828	6.14352	0.1438939	0.26592477	2.3949522	20	4 11.3	21.0
324347 2006 QR_{18}	17.5	X	340.87770	337.01096	345.41533	5.56575	0.1879872	0.28104828	2.3082460	20	8 22.5	18.8
324348 2006 QW_{24}	17.3	X	294.21898	229.20390	127.77855	3.57779	0.2055256	0.27374954	2.3490943	20	6 27.7	19.8
324349 2006 QQ_{31}	17.2	X	261.29819	89.08975	290.92995	6.31789	0.1347222	0.27360368	2.3499291	20	6 24.3	20.1
324350 2006 QZ_{33}	17.4	X	81.96610	244.35381	56.82364	4.05501	0.1696881	0.29714947	2.2240920	20	12 26.7	20.8
324351 2006 QY_{35}	17.2	X	21.42089	212.57435	116.70874	5.52718	0.2035321	0.28870615	2.2672463	20	11 29.8	19.8
324352 2006 QC_{38}	17.1	X	357.28309	246.19146	102.69092	7.54202	0.1332637	0.28818056	2.2700021	20	11 9.2	19.3
324353 2006 QR_{55}	17.6	X	316.09614	16.95346	320.48463	1.42132	0.2304089	0.27714042	2.3298939	20	7 7.0	19.3
324354 2006 QJ_{57}	16.9	X	339.11847	56.88244	292.39507	5.66431	0.1383741	0.28392555	2.2926252	20	9 26.9	19.0
324355 2006 QA_{61}	17.4	X	62.82081	304.79663	344.26246	4.16949	0.1727508	0.29195494	2.2503954	20	11 20.1	20.5
324356 2006 QU_{80}	16.7	X	295.95855	53.41529	290.35227	4.39804	0.2841224	0.27370169	2.3493681	20	5 26.2	19.4
324357 2006 QB_{81}	17.8	X	94.27208	124.52586	179.63946	5.05827	0.1308763	0.30010627	2.2094593	20	—	—
324358 2006 QB_{100}	17.5	X	13.46420	113.16644	195.64721	5.79950	0.1358991	0.28529501	2.2852827	20	10 4.4	19.7
324359 2006 QL_{106}	17.2	X	273.04944	18.51325	340.51610	7.04815	0.1412779	0.27312128	2.3526954	20	6 8.1	20.3
324360 2006 QG_{108}	17.4	X	260.07930	82.80011	280.53186	1.19062	0.2062177	0.26963136	2.3729529	20	5 19.8	20.8
324361 2006 QV_{114}	16.1	X	99.95955	203.90263	194.47767	15.04861	0.1252647	0.24497617	2.5296095	20	1 17.9	19.6
324362 2006 QE_{116}	17.5	X	297.93601	50.20958	305.83033	3.24399	0.1795281	0.27537621	2.3398343	20	7 8.3	19.8
324363 2006 QF_{116}	17.6	X	24.68652	38.59675	267.05710	1.88524	0.1973762	0.28602562	2.2813894	20	10 28.7	19.9
324364 2006 QO_{121}	17.2	X	100.09100	41.30013	242.20559	4.68672	0.1323369	0.29746789	2.2225045	20	12 20.1	20.3
324365 2006 QD_{129}	16.9	X	116.09635	273.79606	352.26824	8.96845	0.1453743	0.29770673	2.2213157	20	12 13.2	20.4
324366 2006 QC_{134}	16.9	X	306.38045	74.66824	279.83901	2.04951	0.3513383	0.27457124	2.3444052	20	6 17.9	19.0
324367 2006 QY_{139}	17.5	X	100.69916	67.36413	218.35265	4.49151	0.1582001	0.30127531	2.2037400	20	12 24.9	20.9
324368 2006 QZ_{165}	17.2	X	358.80505	44.17320	282.94857	4.38738	0.1794548	0.28317033	2.2966997	20	10 8.8	19.1
324369 2006 QF_{166}	17.1	X	100.09317	4.48942	285.15815	4.50407	0.1607551	0.29695523	2.2250617	20	12 28.8	20.3
324370 2006 QV_{167}	17.7	X	356.57909	170.54010	147.39583	6.23866	0.1379630	0.28256912	2.2999563	20	9 18.1	19.6
324371 2006 QH_{183}	17.5	X	34.15875	264.63175	51.37767	3.24614	0.1733240	0.28843896	2.2686462	20	11 22.6	20.2
324372 2006 RW_{2}	17.7	X	105.67409	268.89870	36.83405	3.33464	0.1951111	0.30283213	2.1961807	20	—	—
324373 2006 RA_{4}	17.4	X	262.57332	357.82759	356.08829	4.29648	0.1264407	0.26826675	2.3809932	20	5 19.6	20.7
324374 2006 RE_{9}	16.9	X	321.36039	242.96857	133.40070	6.54214	0.1120805	0.28249028	2.3003842	20	10 10.0	19.0
324375 2006 RN_{11}	17.2	X	308.81944	327.02667	5.43353	2.43678	0.2248089	0.27422318	2.3463886	20	6 12.5	19.2
324376 2006 RY_{17}	17.2	X	268.25803	95.11593	258.45448	5.29697	0.1698676	0.26800780	2.3825266	20	5 20.9	20.5
324377 2006 RZ_{27}	16.3	X	75.81358	25.61895	13.57746	16.42514	0.3046281	0.23369981	2.6103404	20	1 21.5	19.3
324378 2006 RO_{33}	18.0	X	7.64146	55.12270	246.10397	1.55357	0.1922747	0.28297067	2.2977799	20	9 19.3	19.7
324379 2006 RY_{35}	16.5	X	320.64878	347.02913	11.81847	8.31568	0.1376682	0.27781412	2.3261257	20	9 7.8	18.5
324380 2006 RW_{37}	16.7	X	263.00743	5.63894	24.91660	8.69387	0.1321169	0.27221684	2.3579037	20	7 14.0	19.8
324381 2006 RB_{53}	16.7	X	214.14822	355.74279	20.77061	6.63509	0.1063264	0.25909080	2.4368833	20	4 26.4	20.3
324382 2006 RH_{59}	17.6	X	258.37066	162.56393	196.86001	5.20432	0.1339130	0.26592255	2.3949655	20	5 23.1	20.8
324383 2006 RS_{78}	18.0	X	33.90364	106.75730	162.61745	3.40004	0.1666081	0.27984412	2.3148628	20	9 14.4	20.4
324384 2006 RJ_{88}	17.6	X	47.18608	19.32066	251.17984	2.09433	0.2072372	0.28252927	2.3001726	20	10 11.4	20.4
324385 2006 RN_{90}	17.3	X	47.72045	255.34668	13.26332	6.82093	0.1068391	0.27931974	2.3177591	20	9 24.8	20.0
324386 2006 RL_{95}	17.0	X	22.76691	296.00275	0.43731	5.47109	0.1719931	0.28037088	2.3119625	20	10 6.3	19.4
324387 2006 RR_{96}	16.5	X	9.74524	112.46017	9.08484	6.46847	0.4086962	0.22925913	2.6439402	20	—	—
324388 2006 RH_{112}	17.9	X	80.08274	35.76899	160.25091	2.32301	0.1376067	0.26900050	2.3766615	20	7 30.2	20.8
324389 2006 SV_{3}	16.9	X	254.66064	11.04339	337.30583	6.54380	0.1239241	0.26395172	2.4068723	20	4 30.9	20.5
324390 2006 SM_{18}	17.4	X	251.99352	304.29409	65.92154	3.25959	0.2223602	0.26636222	2.3923293	20	5 18.8	21.0
324391 2006 SD_{21}	17.2	X	63.53252	286.07971	356.69806	4.29433	0.0554534	0.28755828	2.2732758	20	10 27.5	20.1
324392 2006 SO_{22}	17.7	X	6.05873	255.78555	68.20969	6.76678	0.2116387	0.28419749	2.2911625	20	10 29.4	19.7
324393 2006 SD_{31}	17.5	X	116.28258	69.90685	213.28107	3.65282	0.1515300	0.30191608	2.2006209	20	—	—
324394 2006 SH_{36}	16.9	X	280.22367	290.54355	75.24562	7.32419	0.1535177	0.27291221	2.3538967	20	6 27.4	19.7
324395 2006 SB_{43}	17.2	X	78.86119	314.16515	250.18177	4.13602	0.1727515	0.27037095	2.3686235	20	8 13.0	20.4
324396 2006 SR_{53}	16.9	X	174.29125	172.12717	231.21457	11.57759	0.1511366	0.25820555	2.4424499	20	4 19.9	20.9
324397 2006 SP_{55}	16.6	X	320.15987	248.03746	92.74156	6.55152	0.2402846	0.27623118	2.3350037	20	7 22.9	18.0
324398 2006 SX_{88}	17.8	X	81.62262	269.34531	181.87497	2.89451	0.1629919	0.24446172	2.5331572	20	3 11.2	20.8
324399 2006 SU_{91}	17.0	X	343.00417	326.21843	3.21224	2.95278	0.1730278	0.27762465	2.3271839	20	9 7.6	18.7
324400 2006 SQ_{108}	17.5	X	64.10567	357.92728	203.02110	2.96554	0.0760257	0.26569760	2.3963171	20	7 4.2	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324401 2006 SZ_{122}	17.0	X	188.91857	16.12293	58.44372	7.13090	0.0947165	0.26652843	2.3913346	20	6 16.3	20.5
324402 2006 SM_{150}	17.5	X	49.44512	264.09504	200.14720	5.41409	0.2424889	0.23789709	2.5795461	20	2 10.4	19.7
324403 2006 SM_{151}	17.9	X	178.62615	68.66123	332.25499	2.41354	0.0842517	0.25634475	2.4542555	20	4 19.9	21.5
324404 2006 SE_{155}	16.6	X	2.25428	144.39863	172.81473	8.77973	0.0735117	0.27920963	2.3183684	20	9 18.0	18.7
324405 2006 ST_{160}	16.6	X	201.68410	339.18696	30.80346	16.36117	0.0490938	0.25484404	2.4638810	20	4 9.4	20.0
324406 2006 SP_{185}	17.3	X	191.70620	24.96018	0.43616	6.99273	0.1296105	0.25542516	2.4601425	20	4 13.5	21.0
324407 2006 SB_{197}	16.8	X	115.73235	358.19335	39.06156	15.66802	0.1006707	0.23979712	2.5659021	20	2 14.4	20.6
324408 2006 SH_{200}	17.7	X	1.03642	92.10987	207.17200	4.37664	0.2360903	0.27772896	2.3266012	20	9 5.6	19.3
324409 2006 SE_{202}	16.9	X	357.53409	312.48475	0.95914	6.66216	0.1309699	0.27716973	2.3297296	20	9 10.3	18.8
324410 2006 SY_{216}	17.4	X	359.93963	73.61740	30.23388	11.87393	0.2800975	0.22646223	2.6656647	20	—	—
324411 2006 SE_{217}	17.2	X	1.83975	149.30611	162.03769	9.75038	0.2107493	0.27896417	2.3197282	20	9 28.6	19.0
324412 2006 SL_{219}	17.7	X	37.65175	32.87826	238.30889	0.75135	0.1245114	0.28165661	2.3049212	20	9 15.4	20.2
324413 2006 SH_{242}	17.4	X	29.21267	128.21592	67.53530	2.31412	0.1269793	0.26026208	2.4295665	20	5 5.4	19.6
324414 2006 SM_{247}	17.6	X	2.77680	161.27773	160.09595	1.79196	0.1625378	0.28274602	2.2989969	20	10 8.5	19.4
324415 2006 ST_{265}	17.3	X	110.59947	151.32357	250.26315	3.48480	0.2626036	0.24090458	2.5580323	20	2 26.6	21.0
324416 2006 SN_{280}	17.0	X	348.32640	231.16355	93.60577	4.72763	0.2565432	0.27878497	2.3207222	20	9 25.7	18.2
324417 2006 SS_{290}	17.2	X	216.61883	161.88076	251.74710	1.65876	0.1847754	0.26407501	2.4061231	20	6 13.0	20.8
324418 2006 SX_{305}	17.2	X	78.13321	226.13716	51.63885	6.00233	0.1440221	0.28931387	2.2640702	20	11 19.4	20.2
324419 2006 SE_{307}	16.7	X	96.83461	329.31789	209.69263	13.92907	0.0781947	0.26815232	2.3816705	20	7 16.2	20.2
324420 2006 SD_{315}	16.9	X	229.42228	21.46882	31.57083	7.22359	0.1104286	0.26814614	2.3817071	20	7 3.7	20.3
324421 2006 SM_{320}	17.2	X	51.81366	273.34977	177.54562	9.30357	0.1734876	0.23798752	2.5788926	20	1 19.3	19.9
324422 2006 SN_{320}	17.2	X	127.13969	341.74074	167.53002	6.62109	0.0824079	0.26677267	2.3898748	20	7 15.9	20.6
324423 2006 SD_{323}	17.8	X	260.18012	305.61532	52.35889	4.15293	0.1463251	0.26610742	2.3938562	20	5 20.5	21.1
324424 2006 SC_{325}	17.9	X	44.64450	220.96633	41.96366	3.17576	0.1959919	0.27831956	2.3233086	20	9 27.1	20.7
324425 2006 SZ_{350}	17.2	X	330.10383	261.74131	52.08370	4.48422	0.1468322	0.27511455	2.3413177	20	7 11.5	19.1
324426 2006 SX_{354}	17.7	X	31.89816	326.25433	115.05884	1.92917	0.2798939	0.22927402	2.6438257	20	—	—
324427 2006 SR_{358}	17.6	X	165.72291	6.43233	40.24076	6.58076	0.1390907	0.25398971	2.4694030	20	4 17.8	21.4
324428 2006 SD_{360}	17.0	X	22.66876	258.75873	197.63410	5.65383	0.1896389	0.22829962	2.6513430	20	—	—
324429 2006 SF_{372}	16.6	X	87.58006	284.84473	128.09971	14.11780	0.1783701	0.23696808	2.5862836	20	2 1.5	19.4
324430 2006 SL_{393}	17.1	X	287.63166	278.27402	59.49600	7.07349	0.1247976	0.26288903	2.4133542	20	6 1.8	19.8
324431 2006 SY_{403}	17.6	X	95.06820	213.74918	193.56996	5.58678	0.1213814	0.23904669	2.5712693	20	1 24.9	20.8
324432 2006 SL_{408}	17.4	X	83.96133	143.23981	84.34789	2.31450	0.1530496	0.27382911	2.3486392	20	9 20.8	20.6
324433 2006 SP_{408}	17.1	X	42.89350	325.02499	299.53511	2.15556	0.1724190	0.27460585	2.3442083	20	9 19.9	19.7
324434 2006 ST_{409}	17.5	X	155.49668	274.36273	194.75065	5.84295	0.0743119	0.26371703	2.4083001	20	6 24.7	20.9
324435 2006 TA_{2}	17.4	X	117.25350	50.70724	80.60665	3.33497	0.1386017	0.25983476	2.4322295	20	6 16.0	20.8
324436 2006 TO_{8}	17.3	X	77.05881	269.00552	34.45827	8.03517	0.1591735	0.29033162	2.2587760	20	12 22.5	20.7
324437 2006 TX_{21}	16.7	X	41.22848	235.93890	200.60585	4.65965	0.1754920	0.23095676	2.6309682	20	—	—
324438 2006 TP_{29}	17.2	X	91.29753	203.05963	203.87332	7.50605	0.1802195	0.23751718	2.5822960	20	1 27.6	20.4
324439 2006 TU_{30}	17.2	X	35.54197	103.56379	198.04562	1.81867	0.2038693	0.28323907	2.2963281	20	11 8.8	19.8
324440 2006 TU_{33}	17.4	X	192.96038	231.27437	205.56865	5.65495	0.0745895	0.26367464	2.4085582	20	6 24.9	20.8
324441 2006 TB_{38}	17.7	X	49.42410	73.16751	10.18283	0.28565	0.1605648	0.23379428	2.6096372	20	1 5.8	20.1
324442 2006 TY_{50}	17.2	X	57.70651	236.68496	210.89531	4.55852	0.2134669	0.23462580	2.6034678	20	2 1.1	19.6
324443 2006 TJ_{54}	17.2	X	93.03949	109.32322	299.38306	3.28346	0.1721479	0.23768911	2.5810507	20	2 2.2	20.1
324444 2006 TS_{69}	16.8	X	132.01004	28.87072	79.33475	4.53376	0.1331759	0.25775863	2.4452724	20	6 1.0	20.2
324445 2006 TW_{75}	17.0	X	65.52808	55.87649	8.06562	7.11220	0.1712851	0.23448810	2.6044869	20	1 11.5	19.8
324446 2006 TK_{79}	17.2	X	38.85478	250.49789	192.84556	4.25519	0.2099045	0.23026329	2.6362479	20	—	—
324447 2006 TR_{82}	17.7	X	45.06793	106.10822	347.04956	4.24224	0.1714742	0.23472723	2.6027177	20	1 12.4	20.1
324448 2006 TU_{93}	17.1	X	82.80700	240.49390	184.59527	4.65190	0.2322645	0.23734482	2.5835461	20	2 17.7	20.1
324449 2006 TR_{101}	16.7	X	34.70850	65.11226	231.24779	5.62786	0.1997376	0.28125864	2.3070949	20	10 29.5	19.3
324450 2006 TR_{102}	17.3	X	62.78572	271.07054	217.80907	10.90413	0.2498576	0.24314520	2.5422929	20	4 17.1	20.0
324451 2006 TA_{107}	16.3	X	359.01292	249.08197	46.14364	8.63774	0.0441957	0.27040243	2.3684397	20	8 10.5	19.1
324452 2006 TE_{124}	17.2	X	20.91764	325.80222	256.68337	3.53815	0.1483980	0.25931962	2.4354495	20	6 1.5	19.2
324453 2006 TH_{124}	17.4	X	78.46501	283.98651	233.07833	6.00490	0.1147685	0.25522179	2.4614493	20	5 29.7	20.5
324454 2006 TV_{124}	16.4	X	175.66943	326.13625	18.08463	16.08427	0.0312754	0.24237270	2.5476920	20	2 10.3	20.2
324455 2006 UH_{1}	16.9	X	79.26271	108.23296	352.35592	9.18386	0.2464474	0.24459879	2.5322107	20	4 1.3	19.8
324456 2006 UE_{8}	17.1	X	14.69999	46.92955	63.31488	4.88902	0.2096276	0.23148818	2.6269401	20	—	—
324457 2006 UH_{8}	17.2	X	348.66918	241.09470	58.27069	5.77154	0.2317615	0.27409089	2.3471435	20	8 3.4	18.5
324458 2006 UR_{8}	16.7	X	1.80269	59.71586	46.70626	13.54135	0.2248364	0.22467358	2.6797938	20	—	—
324459 2006 UZ_{9}	17.3	X	120.00794	278.98539	137.16364	2.55650	0.1499892	0.24290677	2.5439563	20	3 14.4	20.7
324460 2006 UJ_{16}	16.4	X	165.62236	330.74424	57.89654	14.63489	0.0280742	0.24704812	2.5154461	20	3 26.4	20.1
324461 2006 UP_{16}	16.5	X	18.29148	68.20565	74.10513	7.07956	0.2518494	0.23415744	2.6069382	20	1 24.3	18.4
324462 2006 UJ_{20}	17.5	X	80.96354	312.93763	330.04875	2.81161	0.1686407	0.28843075	2.2686892	20	11 30.6	20.8
324463 2006 UR_{26}	16.9	X	64.16562	330.77967	226.71102	4.14031	0.0305410	0.26301284	2.4125968	20	6 21.9	19.7
324464 2006 UW_{26}	17.7	X	264.97871	141.88690	219.60891	4.05582	0.1284024	0.26574324	2.3960428	20	6 3.7	20.7
324465 2006 UB_{33}	17.8	X	6.75511	225.29195	58.20782	2.13729	0.1870851	0.27248694	2.3563452	20	8 17.9	19.7
324466 2006 UT_{42}	16.9	X	36.81889	146.60759	49.20752	8.31759	0.0640163	0.25480197	2.4641522	20	5 12.5	19.5
324467 2006 UP_{43}	16.5	X	184.56155	344.60354	46.09256	6.98114	0.0739930	0.25275527	2.4774367	20	4 15.7	20.0
324468 2006 UU_{53}	17.3	X	107.20326	207.31040	208.82191	3.62128	0.1537921	0.24012254	2.5635833	20	2 26.6	20.7
324469 2006 UC_{55}	15.9	X	109.44026	326.08501	45.72617	12.71271	0.1861478	0.23370241	2.6103210	20	1 12.3	19.5
324470 2006 UU_{69}	17.1	X	288.68553	300.65327	52.80909	7.60657	0.1550867	0.26975723	2.3722147	20	6 21.7	19.7
324471 2006 UN_{73}	17.1	X	56.80436	159.32907	329.06330	4.06468	0.1859882	0.24447840	2.5330420	20	3 24.6	19.6
324472 2006 UZ_{82}	17.1	X	125.94318	119.58203	293.17392	3.27363	0.1357939	0.24570043	2.5246360	20	3 12.4	20.6
324473 2006 UC_{88}	17.6	X	351.32400	279.15789	2.41181	3.70056	0.2015008	0.26802379	2.3824319	20	7 4.7	19.2
324474 2006 UZ_{89}	17.1	X	7.77794	214.10656	235.13324	9.19536	0.1963255	0.22478806	2.6788839	20	—	—
324475 2006 UB_{92}	17.0	X	70.18574	34.30950	40.39620	7.11103	0.1657062	0.23762226	2.5815347	20	2 3.8	19.9
324476 2006 US_{95}	16.9	X	332.07313	68.09826	178.88325	5.09268	0.1196527	0.25594008	2.4568417	20	4 4.3	19.4
324477 2006 UU_{99}	17.0	X	34.16046	336.26551	144.46646	3.24248	0.1650284	0.23660113	2.5889570	20	1 28.1	19.4
324478 2006 UQ_{100}	17.1	X	40.43826	41.44745	111.28420	4.78828	0.1729152	0.24442175	2.5334333	20	3 31.4	19.5
324479 2006 UJ_{104}	17.2	X	72.03857	127.04006	68.70175	4.78190	0.0765360	0.26121347	2.4236636	20	7 9.1	20.2
324480 2006 UN_{104}	16.9	X	34.90694	212.56209	64.61241	6.13392	0.0832211	0.27275296	2.3548129	20	9 15.8	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324481 2006 US_{108}	17.4	X	265.05053	172.08134	142.14494	4.06712	0.1046284	0.25456363	2.4656901	20	4 5.1	20.7
324482 2006 UK_{133}	17.7	X	331.33034	90.19098	209.11620	9.05328	0.1247509	0.26688543	2.3892016	20	6 20.4	20.1
324483 2006 UL_{135}	17.1	X	27.84843	262.10980	207.52350	8.88344	0.0539413	0.23612805	2.5924138	20	1 1.4	20.5
324484 2006 UO_{136}	17.1	X	83.44608	102.28086	319.49363	3.00614	0.1974255	0.23695863	2.5863524	20	2 9.8	20.1
324485 2006 UA_{142}	17.2	X	12.98930	198.94421	13.05011	5.69335	0.0951277	0.25274035	2.4775342	20	4 26.2	19.8
324486 2006 UY_{142}	16.8	X	87.95768	175.72606	243.18869	8.06501	0.1478252	0.23759782	2.5817117	20	2 1.7	20.0
324487 2006 UL_{156}	17.4	X	36.50632	121.94621	174.07659	2.90317	0.1692660	0.28264294	2.2995558	20	10 28.4	20.0
324488 2006 UD_{179}	16.0	X	123.27463	83.66752	338.97862	12.19390	0.1497587	0.24471471	2.5314110	20	3 21.9	19.8
324489 2006 UD_{202}	17.4	X	50.54782	47.37887	44.75077	5.22567	0.2479645	0.23505728	2.6002808	20	1 31.2	19.5
324490 2006 UH_{208}	17.2	X	45.58081	75.19521	215.40362	6.48440	0.2112812	0.28239256	2.3009149	20	11 7.4	20.0
324491 2006 UK_{210}	17.5	X	38.98192	299.63334	4.50589	5.84226	0.1492017	0.28092372	2.3089283	20	11 5.7	20.4
324492 2006 US_{232}	17.1	X	36.95195	51.12703	10.75356	12.67017	0.1934135	0.22870939	2.6481752	20	—	—
324493 2006 UO_{233}	17.5	X	20.19211	153.81337	52.47300	6.91132	0.0482337	0.25648650	2.4533511	20	4 30.7	20.4
324494 2006 UA_{235}	16.2	X	191.79198	275.81834	80.50339	5.39640	0.2627076	0.24323920	2.5416378	20	3 14.8	20.7
324495 2006 UD_{248}	17.0	X	29.03014	248.36868	220.72476	7.11563	0.1363829	0.23539948	2.5977602	20	1 1.1	19.8
324496 2006 UV_{260}	17.6	X	244.52680	137.19230	207.48900	3.88475	0.0169069	0.25655000	2.4529463	20	4 30.1	20.8
324497 2006 UN_{271}	17.8	X	56.95971	229.91325	50.02467	6.04373	0.2395779	0.27942646	2.3171689	20	11 9.0	20.9
324498 2006 UM_{279}	17.5	X	110.60840	291.08025	120.91531	1.09149	0.1763969	0.24127939	2.5553824	20	3 1.3	21.0
324499 2006 UG_{285}	16.4	X	96.05573	342.66059	49.71926	3.99029	0.2627783	0.23429625	2.6059085	20	2 1.6	19.6
324500 2006 UJ_{285}	17.7	X	31.65665	225.95010	66.50947	2.78768	0.1713020	0.27695029	2.3309601	20	10 15.8	20.3
324501 2006 UQ_{286}	17.4	X	120.36444	323.49704	79.28988	0.89705	0.1966152	0.24212999	2.5493942	20	3 3.4	20.9
324502 2006 UO_{288}	17.0	X	35.49374	170.01268	340.37756	4.22442	0.1985973	0.24376054	2.5380127	20	3 15.8	19.0
324503 2006 UY_{328}	16.9	X	326.33865	226.53342	68.05577	7.40875	0.1174680	0.26159957	2.4212783	20	6 4.0	19.2
324504 2006 UQ_{334}	17.1	X	28.85240	271.30231	232.58373	1.76966	0.1480250	0.23977570	2.5660548	20	2 18.6	19.6
324505 2006 UC_{346}	16.7	X	122.34161	265.84934	146.43296	11.09687	0.1207905	0.24363094	2.5389126	20	3 9.2	20.2
324506 2006 VZ_{5}	17.4	X	46.28412	23.83768	56.39646	5.39471	0.2687910	0.23067801	2.6330873	20	1 2.9	19.2
324507 2006 VV_{20}	17.3	X	103.60302	152.71860	266.38956	0.89217	0.0922948	0.23991735	2.5650447	20	2 17.7	20.6
324508 2006 VN_{29}	16.7	X	30.04182	49.34800	50.60139	10.78204	0.1448742	0.22990642	2.6389753	20	—	—
324509 2006 VZ_{32}	17.3	X	288.99207	327.27135	16.89266	2.36199	0.2013359	0.26773749	2.3841300	20	5 31.0	19.9
324510 2006 VG_{37}	17.1	X	93.54824	91.50237	305.98229	5.38777	0.1720946	0.23547636	2.5971947	20	1 20.1	20.2
324511 2006 VH_{45}	17.0	X	115.96697	353.90464	50.30995	8.53557	0.1228370	0.24251606	2.5466879	20	2 23.1	20.6
324512 2006 VD_{46}	16.6	X	293.76468	30.48764	258.98569	5.27328	0.1180511	0.25533384	2.4607291	20	4 2.4	19.7
324513 2006 VD_{51}	16.6	X	177.72157	103.71918	256.11743	3.33840	0.1808592	0.24381993	2.5376005	20	3 1.6	20.9
324514 2006 VH_{55}	17.9	X	74.72730	203.71370	208.84300	2.17304	0.1378369	0.23275905	2.6173693	20	1 5.9	20.8
324515 2006 VS_{55}	17.5	X	55.89481	304.98102	181.08115	1.42164	0.1208379	0.24101549	2.5572474	20	3 12.5	20.0
324516 2006 VV_{55}	17.2	X	139.74781	323.90291	72.07930	2.83914	0.0972506	0.24303947	2.5430301	20	3 5.5	20.7
324517 2006 VV_{72}	17.6	X	358.31498	106.19631	56.04951	4.08832	0.0994369	0.23589427	2.5941263	20	1 25.9	20.5
324518 2006 VW_{72}	17.4	X	109.58224	36.29895	3.99547	0.49205	0.1192649	0.23710193	2.5853102	20	2 6.1	20.7
324519 2006 VC_{85}	16.9	X	135.41959	62.44412	353.30466	3.23635	0.1353365	0.24497364	2.5296270	20	3 27.9	20.6
324520 2006 VS_{87}	17.1	X	71.05997	57.66858	10.28449	4.34837	0.1653079	0.23442471	2.6049564	20	1 25.9	19.9
324521 2006 VS_{92}	17.0	X	250.27253	93.76245	139.93735	3.00057	0.0848004	0.23112329	2.6297042	20	—	—
324522 2006 VJ_{101}	15.7	X	152.47678	118.37925	244.93074	14.28435	0.0804435	0.23688996	2.5868521	20	1 30.6	19.7
324523 2006 VU_{106}	16.3	X	343.30493	257.33579	199.67428	13.48507	0.0938359	0.22263169	2.6961542	20	—	—
324524 2006 VZ_{108}	17.4	X	359.67377	59.73598	268.40420	4.30994	0.2918745	0.27980585	2.3150739	20	11 2.0	19.2
324525 2006 VZ_{111}	17.0	X	117.63968	38.57203	3.97248	5.89361	0.2283591	0.24093907	2.5577881	20	3 4.9	20.6
324526 2006 VX_{113}	16.7	X	115.98522	351.82582	40.36694	6.77728	0.2151353	0.23692223	2.5866173	20	2 19.9	20.4
324527 2006 VN_{119}	17.5	X	101.60240	354.90639	69.07460	3.41817	0.1438852	0.23968907	2.5666731	20	3 2.5	20.8
324528 2006 VA_{128}	16.4	X	277.44667	286.84347	20.92084	8.23541	0.1457483	0.25556646	2.4592357	20	4 4.9	19.6
324529 2006 VW_{135}	17.5	X	24.72658	227.02519	262.41663	1.83269	0.0507459	0.23618222	2.5920174	20	1 23.8	20.5
324530 2006 VJ_{138}	17.2	X	337.65027	82.62895	67.28318	13.72942	0.2183856	0.22661759	2.6644463	20	—	—
324531 2006 VD_{139}	17.4	X	94.97645	350.91373	55.50420	2.73339	0.2032047	0.23545523	2.5973501	20	2 8.6	20.6
324532 2006 VR_{144}	17.2	X	138.30585	46.70900	326.95930	6.65344	0.2865158	0.24237955	2.5476439	20	2 22.4	21.2
324533 2006 VF_{146}	16.4	X	34.66601	53.81489	108.49385	6.74492	0.1396579	0.24308539	2.5427099	20	4 1.4	19.0
324534 2006 VW_{168}	16.8	X	352.64760	259.80624	244.04754	11.23355	0.1461006	0.22902227	2.6457628	20	—	—
324535 2006 VZ_{173}	16.7	X	52.04604	349.96517	97.69453	10.21618	0.1365923	0.23293865	2.6160238	20	1 15.6	19.4
324536 2006 WW_{9}	16.4	X	12.40884	249.14583	219.17216	12.61898	0.1571895	0.22903101	2.6456955	20	—	—
324537 2006 WL_{11}	16.5	X	75.01325	84.15911	18.61917	4.31045	0.1266343	0.23912076	2.5707383	20	3 13.4	19.4
324538 2006 WG_{12}	17.0	X	7.78140	279.43247	232.09150	11.94073	0.2043963	0.23269769	2.6178294	20	1 13.3	19.7
324539 2006 WA_{17}	17.0	X	129.44939	291.95645	116.61182	4.99295	0.1392877	0.24554952	2.5256703	20	3 15.2	20.6
324540 2006 WT_{27}	17.0	X	286.62079	257.60334	52.27346	3.15217	0.1964889	0.25766848	2.4458427	20	4 12.0	20.0
324541 2006 WM_{30}	17.2	X	21.64727	205.57848	310.03500	3.56493	0.1857901	0.24068837	2.5595639	20	2 20.9	19.5
324542 2006 WZ_{34}	16.7	X	35.51973	146.81878	102.93286	7.03165	0.0824030	0.26405424	2.4062493	20	8 3.0	19.3
324543 2006 WW_{41}	17.4	X	26.22484	346.77785	135.97002	3.52758	0.1392467	0.23449778	2.6044152	20	1 15.9	19.9
324544 2006 WH_{42}	17.2	X	16.14943	303.02696	153.08373	3.97429	0.0830653	0.22855934	2.6493341	20	—	—
324545 2006 WK_{44}	17.0	X	58.02899	0.04572	118.92024	5.48376	0.1956754	0.23845027	2.5755551	20	3 19.8	19.6
324546 2006 WO_{48}	16.7	X	26.80996	214.62241	307.62161	2.65368	0.1057580	0.24057061	2.5603991	20	3 10.9	19.5
324547 2006 WC_{50}	16.5	X	6.60134	48.03756	78.91848	13.23258	0.1210166	0.22958798	2.6414149	20	—	—
324548 2006 WD_{57}	17.0	X	28.04933	29.32443	71.65078	6.91952	0.0350145	0.22917118	2.6446165	20	—	—
324549 2006 WN_{64}	16.9	X	55.67067	106.20559	11.95770	6.04882	0.1594485	0.23871126	2.5736774	20	3 7.9	19.5
324550 2006 WB_{68}	16.6	X	128.33612	227.79739	195.80135	3.67222	0.2300246	0.24390050	2.5370416	20	4 9.9	20.6
324551 2006 WA_{69}	16.9	X	341.74690	313.82284	211.42825	6.44692	0.0412528	0.23323362	2.6138176	20	1 10.2	20.4
324552 2006 WG_{78}	17.6	X	348.20576	68.33179	234.40838	1.98035	0.2121869	0.27025012	2.3693294	20	8 2.9	19.0
324553 2006 WL_{80}	17.0	X	225.10647	300.17593	25.64566	2.54894	0.0945528	0.24679974	2.5171335	20	3 7.1	20.7
324554 2006 WM_{82}	17.2	X	173.43548	188.80824	183.31658	2.06338	0.1333211	0.24491524	2.5300291	20	3 12.1	20.9
324555 2006 WJ_{83}	17.0	X	326.12818	39.42627	75.20529	10.31468	0.2766256	0.21803889	2.7338839	20	—	—
324556 2006 WP_{92}	17.5	X	141.68414	230.76766	169.70204	1.48871	0.1284229	0.24431060	2.5342017	20	3 15.1	21.1
324557 2006 WZ_{97}	16.8	X	184.19196	293.77054	73.15093	1.30753	0.1382967	0.24684482	2.5168270	20	3 16.9	20.7
324558 2006 WR_{98}	17.3	X	78.13784	245.47969	160.59280	0.56496	0.1796714	0.23192235	2.6236606	20	1 9.2	20.2
324559 2006 WG_{102}	17.5	X	9.29138	47.59517	63.34626	3.04690	0.1589701	0.22730049	2.6591070	20	—	—
324560 2006 WR_{109}	17.1	X	321.81203	235.45542	78.58051	6.61508	0.2086427	0.26392469	2.4070366	20	6 13.0	18.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324561 2006 WM_{111}	16.9	X	305.13184	261.11081	79.46327	5.11894	0.1560390	0.26589308	2.3951425	20	6 30.7	19.1
324562 2006 WZ_{116}	17.5	X	311.48834	310.27647	2.26053	6.09519	0.1291435	0.26305534	2.4123369	20	6 1.6	20.1
324563 2006 WC_{120}	17.2	X	87.98192	26.59547	23.78136	7.74768	0.2131093	0.23504164	2.6003961	20	2 7.7	20.4
324564 2006 WP_{130}	15.8	X	299.90505	218.53227	121.21257	23.97633	0.2279287	0.26725453	2.3870013	20	6 12.4	18.8
324565 2006 WD_{136}	17.6	X	68.26195	233.94196	69.72766	7.10126	0.2133554	0.28679487	2.2773082	20	12 18.0	20.9
324566 2006 WX_{136}	16.7	X	89.90997	310.64028	113.34307	6.13598	0.1232559	0.24008761	2.5638319	20	2 11.4	19.7
324567 2006 WP_{140}	17.8	X	12.36447	95.47457	47.74380	3.15775	0.1727854	0.23476774	2.6024183	20	1 17.3	20.3
324568 2006 WF_{149}	16.9	X	58.57190	13.74867	66.81413	12.95532	0.1641542	0.23172835	2.6251247	20	1 22.6	19.8
324569 2006 WM_{152}	17.1	X	161.89751	204.31042	164.49512	6.29645	0.1829883	0.24350395	2.5397952	20	2 29.1	21.2
324570 2006 WW_{155}	17.4	X	48.24065	210.37675	56.54780	2.20577	0.1742650	0.27262540	2.3555473	20	10 2.9	20.2
324571 2006 WX_{170}	17.1	X	340.33639	204.20689	86.74202	4.25126	0.1758458	0.26286834	2.4134809	20	6 22.3	18.8
324572 2006 WN_{171}	17.4	X	290.94409	129.15006	186.68296	1.82960	0.2306542	0.26008418	2.4306743	20	4 19.8	20.6
324573 2006 WR_{179}	17.3	X	29.04363	252.49370	233.38064	3.76860	0.0967189	0.23529325	2.5985420	20	1 24.7	20.2
324574 2006 WX_{190}	16.1	X	128.51499	309.82208	78.74122	14.57262	0.0977984	0.23605015	2.5929841	20	2 16.5	20.0
324575 2006 WO_{193}	16.8	X	69.66978	1.50694	78.73649	6.55983	0.3148296	0.23249180	2.6193747	20	3 8.2	19.6
324576 2006 WH_{194}	16.2	X	104.04864	307.67175	90.68958	16.61233	0.1460462	0.23400773	2.6080500	20	2 3.4	19.8
324577 2006 WZ_{197}	16.0	X	241.84424	312.18493	302.68667	7.95238	0.1541921	0.21934635	2.7230092	20	—	—
324578 2006 WE_{198}	16.9	X	96.35791	293.66817	95.50623	7.32001	0.0274208	0.22409027	2.6844422	20	—	—
324579 2006 WQ_{198}	16.5	X	300.46228	85.77292	111.02238	14.59809	0.0456600	0.22455920	2.6807037	20	—	—
324580 2006 WT_{204}	16.3	X	156.51656	36.33261	292.95075	13.24952	0.1298607	0.22623787	2.6674269	20	1 5.6	20.2
324581 2006 XC	16.6	X	158.95991	14.46428	348.99181	3.87239	0.0962036	0.23877482	2.5732207	20	2 14.5	20.2
324582 2006 XK	15.8	X	53.40602	60.80662	325.02025	28.07031	0.4431249	0.22496217	2.6775015	20	—	—
324583 2006 XZ	16.6	X	337.19568	207.52398	76.47166	8.28617	0.1420472	0.26098103	2.4251025	20	6 6.4	18.8
324584 2006 XZ_{11}	16.6	X	340.96801	50.32560	76.89048	14.35719	0.1910273	0.22203435	2.7009876	20	—	—
324585 2006 XA_{12}	16.9	X	172.74563	6.14988	337.30082	1.63960	0.1471855	0.23785259	2.5798678	20	2 7.1	20.9
324586 2006 XB_{12}	16.5	X	152.90991	49.33295	336.34729	1.37320	0.1964561	0.24272031	2.5452589	20	3 13.5	20.4
324587 2006 XU_{15}	16.8	X	134.69889	116.69052	268.61154	3.10236	0.2096926	0.23805510	2.5784046	20	2 25.4	20.7
324588 2006 XH_{17}	16.9	X	152.07804	51.30812	330.50248	3.92272	0.1669439	0.23797556	2.5789790	20	3 5.8	20.8
324589 2006 XZ_{19}	17.1	X	91.80745	319.60955	93.98961	3.69685	0.1207115	0.23107869	2.6300426	20	2 1.2	20.2
324590 2006 XN_{20}	16.8	X	103.21095	289.39059	110.70436	3.36095	0.1303931	0.23101764	2.6305060	20	1 31.3	20.3
324591 2006 XF_{22}	16.5	X	21.50862	22.19371	87.48802	13.04984	0.1276789	0.22833588	2.6510623	20	—	—
324592 2006 XN_{34}	17.7	X	343.67380	45.65881	73.52752	9.43786	0.1107319	0.22093574	2.7099341	20	—	—
324593 2006 XJ_{46}	16.6	X	60.65268	284.83227	96.72529	13.58447	0.2805081	0.22489230	2.6780561	20	—	—
324594 2006 XX_{47}	16.1	X	54.73899	157.62520	286.65713	12.03267	0.1287335	0.22915779	2.6447196	20	1 14.9	18.9
324595 2006 XG_{53}	15.6	X	33.43673	142.10734	288.94598	24.79000	0.1292608	0.22050217	2.7134853	20	—	—
324596 2006 XF_{55}	16.5	X	63.92601	344.11416	82.93617	6.09801	0.2196534	0.22882116	2.6473128	20	1 20.0	19.1
324597 2006 XP_{55}	16.9	X	102.75615	326.33835	90.73608	5.24935	0.0584260	0.23216331	2.6218448	20	2 11.9	20.3
324598 2006 XD_{59}	17.2	X	6.73212	148.48382	293.68827	5.02340	0.2153025	0.21919335	2.7242762	20	—	—
324599 2006 XF_{62}	16.2	X	333.57955	16.14167	125.72870	8.36179	0.2280374	0.21862049	2.7290331	20	—	—
324600 2006 XJ_{65}	16.3	X	251.16431	135.03431	206.19288	5.60218	0.1359401	0.25348259	2.4726954	20	4 19.4	19.9
324601 2006 XL_{68}	17.1	X	88.19414	301.62965	104.48188	4.83584	0.2497575	0.23326910	2.6135526	20	2 6.1	20.1
324602 2006 YF_2	17.5	X	357.96037	345.41820	123.62379	2.35446	0.1639872	0.22067860	2.7120388	20	—	—
324603 2006 YB_8	17.0	X	239.49845	220.12192	108.86241	5.33594	0.0655002	0.24016036	2.5633142	20	3 31.7	20.7
324604 2006 YJ_8	15.6	X	329.96075	241.50838	297.39002	13.26418	0.0380196	0.22628344	2.6670687	20	1 15.2	19.0
324605 2006 YE_9	16.9	X	330.29105	201.86840	314.55802	6.29598	0.1204222	0.22051476	2.7133820	20	—	—
324606 2006 YA_{10}	16.4	X	329.16439	78.98218	310.12417	1.03999	0.0663362	0.20152088	2.8813058	20	10 19.2	19.8
324607 2006 YF_{16}	16.6	X	66.93357	318.64547	116.50388	11.39770	0.2237116	0.23259715	2.6185837	20	2 6.4	19.2
324608 2006 YP_{16}	17.0	X	60.58988	130.38304	312.95706	1.77147	0.1134171	0.22906931	2.6454006	20	1 22.9	19.7
324609 2006 YT_{19}	16.7	X	138.60824	6.01328	306.25885	5.00954	0.0195673	0.21574935	2.7531913	20	—	—
324610 2006 YF_{20}	17.5	X	8.31262	49.71603	83.50934	8.58445	0.1356385	0.23181574	2.6244649	20	—	—
324611 2006 YV_{22}	16.4	X	340.43918	231.33081	299.01656	6.39081	0.1337118	0.22811494	2.6527739	20	1 5.3	19.5
324612 2006 YO_{24}	16.2	X	168.32824	322.57031	84.81447	4.69251	0.0200593	0.24484945	2.5304822	20	4 17.3	19.6
324613 2006 YR_{25}	16.6	X	323.99505	69.65309	92.13825	14.93937	0.0540975	0.22374145	2.6872315	20	—	—
324614 2006 YE_{33}	16.0	X	277.26591	260.29464	310.95242	11.89543	0.0814506	0.22212939	2.7002172	20	—	—
324615 2006 YV_{33}	17.0	X	94.47773	66.58188	346.62869	4.81594	0.1361791	0.23038153	2.6353458	20	2 7.2	20.3
324616 2006 YO_{37}	17.1	X	43.43223	34.82236	86.46562	7.55621	0.1562574	0.23025918	2.6362793	20	2 21.2	19.9
324617 2006 YZ_{38}	16.5	X	300.23083	303.69437	305.32384	9.07583	0.1474055	0.23235474	2.6204046	20	2 15.9	20.1
324618 2006 YJ_{53}	16.4	X	94.48621	51.95335	307.92404	11.99917	0.1205487	0.21788298	2.7351880	20	—	—
324619 2006 YF_{55}	17.2	X	212.54832	263.07068	90.37888	4.33189	0.1472175	0.25073222	2.4907451	20	3 28.3	21.1
324620 2007 AG_1	16.5	X	276.78045	279.81754	303.32270	4.16042	0.1118834	0.22248686	2.6973241	20	—	—
324621 2007 AE_{10}	16.9	X	10.36884	282.34338	115.24370	8.86138	0.3181338	0.21500750	2.7595206	20	—	—
324622 2007 AQ_{10}	17.0	X	11.03939	104.16725	342.56442	6.88932	0.2182519	0.21961775	2.7207654	20	—	—
324623 2007 AQ_{21}	16.8	X	130.88877	303.32985	83.77499	3.13537	0.2196474	0.23456707	2.6039023	20	2 28.1	20.8
324624 2007 AQ_{23}	15.6	X	251.92650	286.58041	287.79554	11.87218	0.1556514	0.21386637	2.7693280	20	—	—
324625 2007 AV_{29}	16.6	X	47.25885	246.52833	153.44224	4.37354	0.1024064	0.21487452	2.7606590	20	—	—
324626 2007 BT_5	16.0	X	143.00252	196.65998	117.08985	12.29792	0.0575920	0.21738632	2.7393524	20	—	—
324627 2007 BW_5	15.7	X	196.65855	113.04004	282.45581	24.76252	0.2848324	0.17677701	3.1442630	20	4 26.1	21.8
324628 2007 BY_6	16.0	X	304.47988	3.06862	148.62071	12.37800	0.1946435	0.21069981	2.7970053	20	—	—
324629 2007 BJ_{13}	16.6	X	147.29798	191.30380	108.48212	7.79106	0.0793074	0.21213834	2.7843464	20	—	—
324630 2007 BK_{14}	16.6	X	140.97912	355.20874	340.74551	4.50250	0.1161978	0.22028816	2.7152425	20	—	—
324631 2007 BR_{14}	16.7	X	268.11923	265.19830	338.30439	4.58064	0.0654103	0.22474624	2.6792162	20	1 16.8	20.5
324632 2007 BP_{27}	15.8	X	315.99250	205.00228	313.30499	11.62376	0.1025055	0.21701447	2.7424807	20	—	—
324633 2007 BT_{27}	16.3	X	248.76632	67.97069	130.86420	7.90114	0.1025315	0.21073985	2.7966510	20	—	—
324634 2007 BW_{38}	16.6	X	29.69374	154.75244	279.64356	4.03084	0.0949593	0.21867123	2.7286109	20	—	—
324635 2007 BT_{39}	17.2	X	57.09073	319.35198	98.19083	3.38715	0.2022396	0.22370117	2.6875541	20	—	—
324636 2007 BA_{41}	16.4	X	150.18814	218.14315	127.85606	8.20828	0.1607221	0.22618995	2.6678035	20	1 21.6	20.6
324637 2007 BU_{42}	17.2	X	17.11889	106.06184	312.49688	8.46151	0.1584440	0.21435543	2.7651141	20	—	—
324638 2007 BT_{47}	17.2	X	313.54986	153.79737	24.22751	3.72753	0.1299248	0.21771783	2.7365710	20	—	—
324639 2007 BA_{67}	16.6	X	28.10215	290.25741	146.46392	5.45453	0.0243227	0.21326890	2.7744976	20	—	—
324640 2007 BP_{71}	16.4	X	124.18277	21.75453	297.13349	3.75985	0.0620733	0.20838404	2.8176892	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324641 2007 BP_{74}	16.5	X	258.64278	306.16795	326.43769	12.06831	0.1564728	0.22545713	2.6735813	20	2 2.9	20.6
324642 2007 BB_{76}	16.4	X	349.48859	113.30981	345.75920	5.10979	0.0416676	0.20983527	2.8046826	20	—	—
324643 2007 BG_{76}	16.5	X	348.44545	47.10935	40.48064	8.99599	0.1643001	0.21350479	2.7724537	20	—	—
324644 2007 CV	16.0	X	120.56695	39.97929	318.81190	25.27204	0.0995975	0.21925857	2.7237359	20	1 3.9	20.1
324645 2007 CU_4	16.8	X	74.12753	101.18752	301.20888	4.08547	0.1199152	0.22012520	2.7165824	20	—	—
324646 2007 CU_5	15.8	X	137.27663	273.23798	93.49558	15.73170	0.1756694	0.22943845	2.6425624	20	2 6.8	19.9
324647 2007 CE_{11}	16.2	X	291.59368	157.30471	136.81850	14.84535	0.0793747	0.23958732	2.5673997	20	4 21.9	19.8
324648 2007 CE_{13}	16.3	X	159.00370	308.42296	355.11045	3.58154	0.0805769	0.21356395	2.7719416	20	—	—
324649 2007 CK_{18}	16.0	X	278.28280	207.08706	346.37056	8.40287	0.0899562	0.21389004	2.7691236	20	—	—
324650 2007 CQ_{19}	16.6	X	268.84267	79.83869	153.10611	8.57547	0.2054813	0.21768849	2.7368169	20	—	—
324651 2007 CL_{24}	16.9	X	343.19283	275.44653	189.01177	4.09179	0.0266230	0.21229441	2.7829816	20	—	—
324652 2007 CZ_{28}	16.9	X	248.62885	260.50817	303.75974	2.89431	0.0100796	0.21465519	2.7625392	20	—	—
324653 2007 CA_{32}	16.7	X	270.12322	228.38250	315.10435	6.73191	0.1588251	0.21076039	2.7964693	20	—	—
324654 2007 CP_{37}	15.9	X	159.23536	200.12026	143.21463	14.37640	0.0375580	0.22108020	2.7087535	20	1 16.3	19.8
324655 2007 CK_{50}	16.2	X	269.11908	253.79918	291.45588	7.33531	0.1168603	0.21022304	2.8012326	20	—	—
324656 2007 CJ_{52}	16.4	X	278.86760	159.35200	39.54725	7.89506	0.2165373	0.21231701	2.7827841	20	—	—
324657 2007 CV_{52}	17.1	X	296.36336	33.51376	121.46966	4.06984	0.1598318	0.21291702	2.7775537	20	—	—
324658 2007 CL_{61}	16.8	X	326.66090	178.42515	302.16232	11.30182	0.2458726	0.21261310	2.7802000	20	—	—
324659 2007 CC_{65}	16.6	X	253.14819	236.27342	340.16189	8.65950	0.1576206	0.21097829	2.7945435	20	—	—
324660 2007 DR	15.9	X	333.96061	140.44072	6.13745	7.79129	0.1641826	0.21706479	2.7420569	20	—	—
324661 2007 DA_5	16.3	X	232.64292	147.55792	113.30991	13.75236	0.1271265	0.22230819	2.6987692	20	—	—
324662 2007 DK_9	16.5	X	329.16695	144.39562	328.95847	4.10018	0.0689448	0.20846842	2.8169288	20	—	—
324663 2007 DZ_{17}	17.5	X	346.56972	112.49864	334.88372	5.28530	0.1583471	0.20925476	2.8098674	20	—	—
324664 2007 DP_{19}	16.5	X	51.78099	295.24190	153.24302	4.38853	0.0694664	0.22067481	2.7120699	20	1 13.5	19.7
324665 2007 DG_{20}	16.4	X	130.01529	172.15769	149.86665	6.71915	0.0248776	0.20865966	2.8152073	20	—	—
324666 2007 DU_{28}	16.6	X	317.89377	87.60754	6.63112	6.08588	0.0072531	0.19993063	2.8965642	20	12 25.6	20.7
324667 2007 DW_{31}	16.2	X	153.78110	74.47482	146.29697	2.17177	0.0625355	0.19077472	2.9885154	20	11 7.6	20.6
324668 2007 DO_{34}	16.6	X	321.78012	121.82156	355.66998	5.40309	0.0274404	0.20501827	2.8484439	20	—	—
324669 2007 DG_{40}	16.8	X	112.71683	243.88098	141.08794	5.83292	0.1250750	0.22689173	2.6622997	20	1 23.3	20.2
324670 2007 DX_{48}	16.3	X	98.78823	228.60627	174.62204	4.50469	0.0237094	0.21880082	2.7275334	20	1 14.9	19.9
324671 2007 DH_{58}	16.9	X	14.20278	216.29129	207.77893	1.44035	0.0533327	0.20519902	2.8467710	20	—	—
324672 2007 DE_{61}	16.8	X	221.93007	138.07881	178.24291	7.04734	0.0663271	0.22599863	2.6693090	20	2 22.0	20.6
324673 2007 DR_{62}	16.7	X	172.13556	325.89743	356.38579	9.06793	0.0777660	0.21911562	2.7249204	20	1 11.4	20.9
324674 2007 DX_{63}	17.2	X	288.08918	325.62160	161.09517	2.27773	0.0142636	0.20185552	2.8781204	20	12 28.1	21.0
324675 2007 DY_{72}	16.9	X	203.64326	263.65309	5.20595	3.69866	0.0565729	0.20997718	2.8034188	20	—	—
324676 2007 DC_{79}	16.8	X	234.96243	247.69929	6.51630	4.52466	0.0723213	0.21529258	2.7570841	20	—	—
324677 2007 DM_{84}	15.5	X	136.86082	148.81310	36.63262	13.54716	0.0772564	0.17239938	3.1972671	20	9 11.7	20.5
324678 2007 DB_{93}	16.4	X	301.86154	214.35074	338.95623	5.87224	0.0302422	0.21891404	2.7265930	20	—	—
324679 2007 DN_{93}	16.5	X	260.66360	149.99697	100.92977	4.32416	0.1160918	0.21768363	2.7368576	20	1 13.2	20.4
324680 2007 DB_{103}	17.1	X	20.46335	86.61067	324.09303	5.60710	0.0460109	0.20908687	2.8113713	20	—	—
324681 2007 DL_{105}	16.8	X	289.66275	20.93077	183.84074	5.64759	0.1033261	0.21521607	2.7577374	20	—	—
324682 2007 DE_{106}	16.6	X	25.05810	211.72531	190.92638	1.71392	0.0688331	0.20319891	2.8654212	20	—	—
324683 2007 DR_{113}	16.0	X	271.17174	123.24511	38.90581	5.79322	0.0463353	0.19755244	2.9197642	20	—	—
324684 2007 EC_2	17.0	X	335.53841	300.79888	154.36762	2.57054	0.0549081	0.20425819	2.8555059	20	—	—
324685 2007 ED_2	16.7	X	134.57230	119.52867	199.59646	1.78374	0.0553425	0.20690508	2.8311005	20	—	—
324686 2007 ED_7	16.5	X	162.99040	105.64699	157.19815	2.38704	0.0347975	0.20184426	2.8782275	20	—	—
324687 2007 ED_9	16.5	X	128.03753	73.65981	144.97639	1.55693	0.1132928	0.18181934	3.0858584	20	10 9.6	21.2
324688 2007 EJ_{10}	16.6	X	266.92631	7.52162	197.79708	8.98510	0.1285615	0.21248961	2.7812770	20	—	—
324689 2007 EP_{16}	16.9	X	301.62786	95.83275	9.89208	15.21528	0.2193521	0.20128819	2.8835258	20	12 1.5	20.1
324690 2007 EB_{17}	16.5	X	135.03801	75.00206	157.33478	7.75102	0.1731678	0.18462865	3.0544755	20	11 5.3	21.6
324691 2007 EC_{19}	16.7	X	167.30449	54.20139	156.92985	6.03078	0.1199600	0.19099385	2.9862292	20	11 9.5	21.4
324692 2007 EF_{29}	16.5	X	267.30834	56.12259	144.46167	6.91061	0.0299741	0.21332096	2.7740462	20	—	—
324693 2007 EN_{38}	16.7	X	121.52067	89.42976	174.49263	13.46621	0.2615446	0.18329815	3.0692387	20	12 2.5	22.3
324694 2007 EC_{42}	16.0	X	287.66953	260.31971	179.92675	11.34439	0.0599750	0.18917340	3.0053565	20	10 25.7	20.0
324695 2007 EM_{42}	16.4	X	260.99509	44.63135	179.94625	9.81173	0.0826732	0.21042725	2.7994200	20	—	—
324696 2007 EH_{46}	16.2	X	181.19584	193.76792	0.13461	12.75643	0.1941094	0.18851682	3.0123307	20	10 23.8	21.4
324697 2007 EP_{46}	16.1	X	201.82974	334.35991	187.23326	4.77860	0.0859938	0.18579771	3.0416494	20	10 15.9	20.7
324698 2007 EL_{56}	16.9	X	164.38832	78.51397	168.38151	10.55283	0.0542186	0.19304551	2.9650334	20	12 20.2	21.4
324699 2007 ED_{75}	15.6	X	121.50797	265.28674	3.42137	8.61456	0.0963391	0.18897734	3.0074349	20	11 29.2	20.3
324700 2007 EN_{92}	15.8	X	311.45769	233.17337	304.99866	7.77416	0.0988205	0.21648560	2.7469455	20	—	—
324701 2007 EQ_{93}	15.7	X	2.07347	173.72161	174.88243	13.07820	0.1013543	0.18189272	3.0850284	20	10 16.9	19.6
324702 2007 EL_{97}	16.2	X	225.43252	85.81771	167.00912	11.32823	0.0329306	0.21537228	2.7564039	20	—	—
324703 2007 EQ_{100}	16.0	X	259.01748	268.67910	326.11024	12.52749	0.2195355	0.21138972	2.7909162	20	—	—
324704 2007 EX_{101}	15.8	X	330.39538	280.67917	155.54085	10.75367	0.1240701	0.19806388	2.9147358	20	12 22.6	19.4
324705 2007 EV_{109}	16.4	X	183.34687	127.41585	117.11996	3.40783	0.0522695	0.19704155	2.9248089	20	—	—
324706 2007 EJ_{111}	16.7	X	218.74896	132.20153	25.73901	10.03758	0.1493410	0.18961767	3.0006604	20	10 22.6	21.2
324707 2007 EH_{112}	16.0	X	242.08548	73.72078	16.32097	20.41619	0.1757587	0.18271821	3.0757296	20	8 31.5	20.9
324708 2007 EJ_{117}	15.6	X	56.66865	227.87003	47.24010	9.83810	0.0607062	0.17451213	3.1714094	20	9 25.7	20.1
324709 2007 EZ_{117}	16.5	X	235.27386	99.53710	39.60372	9.89163	0.1638554	0.18899372	3.0072611	20	10 17.6	21.0
324710 2007 EN_{126}	17.4	X	353.27788	132.02188	316.94174	3.95802	0.1303519	0.21077256	2.7963616	20	—	—
324711 2007 EA_{131}	16.7	X	332.23772	309.68130	172.72034	2.28032	0.0082788	0.20651534	2.8346613	20	—	—
324712 2007 EQ_{131}	16.8	X	206.19373	354.30108	176.49895	9.79851	0.1601555	0.19094543	2.9867339	20	10 27.1	21.6
324713 2007 EU_{133}	16.2	X	245.71045	75.60801	168.96455	5.17643	0.1063833	0.21120073	2.7925809	20	—	—
324714 2007 EA_{134}	16.5	X	201.08222	207.04325	4.75717	9.66696	0.0713314	0.19636693	2.9315039	20	12 16.6	21.0
324715 2007 EG_{134}	16.5	X	27.71165	63.62904	7.90353	6.56065	0.1260332	0.20960810	2.8067087	20	—	—
324716 2007 EF_{135}	17.1	X	47.91312	190.34692	196.14666	1.56667	0.0757634	0.20358420	2.8618048	20	—	—
324717 2007 EK_{135}	16.9	X	113.96868	341.92909	343.27404	1.42779	0.0653247	0.20262714	2.8708090	20	—	—
324718 2007 EB_{139}	16.7	X	214.25748	144.31897	141.10648	6.68145	0.0509063	0.21543248	2.7558903	20	1 9.4	20.8
324719 2007 EW_{139}	16.6	X	267.48042	140.46401	349.13106	11.75581	0.1699676	0.19765011	2.9188023	20	11 9.2	20.5
324720 2007 ER_{144}	16.6	X	31.25691	288.50501	131.81787	3.21514	0.0046203	0.20664308	2.8334929	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324721 2007 ES_{144}	16.5	X	275.33585	50.72354	5.84334	10.34338	0.1214640	0.18455377	3.0553017	20	8 31.1	20.6
324722 2007 EO_{145}	17.4	X	322.01141	355.90702	111.83793	2.96372	0.0370227	0.20282607	2.8689317	20	—	—
324723 2007 EY_{146}	16.0	X	18.32015	4.38559	19.37514	8.80676	0.1986355	0.19846902	2.9107678	20	—	—
324724 2007 ES_{147}	16.5	X	354.47194	332.92192	84.23898	3.25926	0.0454618	0.19886913	2.9068623	20	12 28.5	20.2
324725 2007 EA_{151}	16.6	X	228.70178	57.88156	118.50945	3.23577	0.0550126	0.19709801	2.9242504	20	12 8.8	20.6
324726 2007 EG_{165}	15.9	X	315.05430	236.27965	180.20119	11.12052	0.0777628	0.18465085	3.0542307	20	11 1.2	19.8
324727 2007 EO_{166}	16.4	X	217.25765	133.21404	117.11257	1.21209	0.0353658	0.20895799	2.8125272	20	—	—
324728 2007 EC_{168}	16.2	X	65.73498	175.25652	80.00726	2.40459	0.0776457	0.17372154	3.1810240	20	9 11.5	20.6
324729 2007 EH_{170}	16.5	X	267.43538	67.72928	180.37531	6.20314	0.0839874	0.22122898	2.7075389	20	1 18.2	20.5
324730 2007 EZ_{170}	16.0	X	32.97135	299.94300	179.39533	10.12549	0.0422073	0.22159167	2.7045837	20	1 23.6	19.6
324731 2007 ES_{171}	15.7	X	110.61611	268.64268	27.99694	10.55398	0.0665618	0.18956086	3.0012598	20	12 20.8	20.3
324732 2007 EY_{174}	15.4	X	101.78075	253.53496	7.41472	26.07211	0.1879239	0.18055043	3.1002998	20	10 29.3	20.7
324733 2007 EX_{179}	16.0	X	187.95139	341.17859	205.95369	11.82784	0.0289749	0.18645729	3.0344720	20	11 5.7	20.4
324734 2007 EO_{181}	16.1	X	93.62248	121.67767	202.86867	12.09152	0.0457897	0.19289155	2.9666109	20	—	—
324735 2007 EY_{182}	15.6	X	154.39297	273.89457	210.25748	14.67605	0.1719501	0.16761493	3.2578237	20	7 10.3	21.2
324736 2007 EX_{190}	16.1	X	118.13747	254.42021	11.33905	10.29213	0.0692112	0.18761524	3.0219735	20	11 19.9	20.7
324737 2007 EA_{191}	15.9	X	17.27622	140.91034	188.66653	9.44778	0.0594073	0.18026904	3.1035253	20	10 8.6	19.8
324738 2007 EF_{192}	16.2	X	99.77224	107.16421	138.26026	5.52703	0.1024154	0.18175314	3.0866077	20	10 13.9	20.8
324739 2007 EF_{197}	16.5	X	239.60177	239.90165	308.35569	0.94535	0.0692816	0.19735714	2.9216901	20	—	—
324740 2007 EU_{202}	16.7	X	162.61845	54.54887	178.53975	10.81665	0.0771514	0.19183319	2.9775122	20	12 1.9	21.4
324741 2007 ET_{210}	15.9	X	57.13713	262.21363	155.86857	24.81279	0.1968425	0.21810213	2.7333554	20	—	—
324742 2007 EJ_{217}	16.0	X	335.71026	300.17265	189.31366	11.50404	0.1026408	0.20906212	2.8115932	20	—	—
324743 2007 EC_{222}	15.8	X	198.90060	300.55807	203.41297	15.29686	0.1384815	0.18088430	3.0964838	20	9 13.7	20.9
324744 2007 ES_{222}	15.8	X	163.72155	250.25724	29.90360	7.02149	0.2031998	0.19224283	2.9732809	20	—	—
324745 2007 EH_{223}	15.7	X	144.76036	349.00071	266.69388	10.38821	0.1672047	0.18768825	3.0211897	20	12 8.0	20.6
324746 2007 EH_{224}	16.8	X	223.86795	307.85095	196.43432	3.20001	0.0716941	0.18690120	3.0296654	20	10 20.8	21.1
324747 2007 FO_{6}	16.8	X	342.01693	193.99133	198.27105	0.49362	0.0878168	0.19160361	2.9798902	20	11 10.5	20.4
324748 2007 FQ_{25}	16.9	X	190.50749	175.69110	23.40810	3.84672	0.0564884	0.19105281	2.9856148	20	11 20.0	21.2
324749 2007 FW_{30}	16.4	X	165.83307	15.47589	188.16095	11.33466	0.1049078	0.18575788	3.0420841	20	10 29.7	21.1
324750 2007 FR_{32}	16.4	X	128.61732	55.10745	174.04241	3.57698	0.1542237	0.17967281	3.1103874	20	10 24.4	21.4
324751 2007 FF_{33}	15.8	X	158.32352	234.98982	347.02747	8.62127	0.0430401	0.18969023	2.9998951	20	11 10.3	20.3
324752 2007 FS_{40}	15.7	X	222.06234	293.93274	185.06488	9.07236	0.0743966	0.18331770	3.0690205	20	9 15.7	20.3
324753 2007 FQ_{44}	16.6	X	103.74306	305.98625	10.71138	2.93748	0.1511938	0.19276165	2.9679434	20	—	—
324754 2007 FQ_{45}	15.9	X	203.58103	274.12775	209.70339	8.71355	0.0436701	0.17499264	3.1656012	20	8 31.4	20.6
324755 2007 FN_{46}	15.9	X	348.67139	324.70652	29.18212	11.29053	0.0821230	0.17686413	3.1432303	20	10 1.6	19.9
324756 2007 FQ_{49}	15.6	X	197.95590	108.17565	96.16181	15.19441	0.2114910	0.19062163	2.9901153	20	11 24.9	20.7
324757 2007 GB_{4}	16.1	X	102.21114	242.93631	55.75710	9.51530	0.0580275	0.19124397	2.9836248	20	12 13.9	20.6
324758 2007 GC_{5}	16.1	X	45.30865	284.28187	133.37472	7.32396	0.0566180	0.21229979	2.7829346	20	—	—
324759 2007 GL_{15}	16.3	X	83.55012	111.53355	187.67600	10.25876	0.0375669	0.19087644	2.9874536	20	11 23.6	20.7
324760 2007 GV_{16}	16.3	X	164.01908	205.20458	356.33844	1.84885	0.1173184	0.18222364	3.0812923	20	10 22.6	21.1
324761 2007 GC_{18}	16.3	X	91.50509	333.13628	330.71147	3.59596	0.1441586	0.18442809	3.0566896	20	12 15.2	21.1
324762 2007 GS_{19}	16.3	X	119.69569	320.05581	271.40257	0.91624	0.1312633	0.17711151	3.1403028	20	10 16.2	21.3
324763 2007 GB_{25}	15.2	X	165.27475	317.54491	229.77219	23.15262	0.1754601	0.18013986	3.1050087	20	10 2.1	20.6
324764 2007 GH_{29}	16.5	X	249.75610	108.28013	160.88235	14.24299	0.1138197	0.22238751	2.6981274	20	1 22.1	20.7
324765 2007 GK_{33}	16.4	X	188.58331	310.38041	195.33215	3.29884	0.0742976	0.17599433	3.1535781	20	9 10.8	21.1
324766 2007 GS_{33}	15.8	X	106.41603	51.36581	200.05819	4.45446	0.0971037	0.17822791	3.1271754	20	10 25.1	20.5
324767 2007 GJ_{37}	16.3	X	222.79232	67.59261	79.23707	3.56797	0.0663106	0.18511356	3.0491390	20	10 24.1	20.7
324768 2007 GA_{38}	15.9	X	83.24150	126.60923	197.52476	10.73584	0.1350580	0.18815061	3.0162382	20	12 29.9	20.7
324769 2007 GW_{39}	16.9	X	204.27190	111.29504	39.44383	14.59144	0.2236236	0.18419503	3.0592675	20	9 29.7	22.1
324770 2007 GR_{40}	16.2	X	50.25753	103.16090	214.73053	10.14776	0.0642860	0.17969834	3.1100927	20	11 6.8	20.6
324771 2007 GC_{42}	16.4	X	112.54670	54.12588	219.85145	5.00126	0.0534956	0.18490347	3.0514482	20	11 25.2	20.9
324772 2007 GD_{45}	16.2	X	129.17949	8.92293	193.88659	6.04674	0.0906841	0.17421703	3.1749897	20	9 18.2	20.9
324773 2007 GF_{46}	15.5	X	163.40074	117.63411	46.28463	17.09376	0.0728548	0.17391971	3.1786071	20	9 16.2	20.6
324774 2007 GX_{46}	15.7	X	283.28780	262.04119	205.41870	10.87722	0.0753588	0.18638050	3.0353054	20	11 19.4	19.7
324775 2007 GM_{48}	15.7	X	45.27893	130.46458	197.54847	5.50322	0.1462265	0.17684399	3.1434690	20	11 24.2	20.1
324776 2007 GE_{49}	15.4	X	113.17268	245.06843	49.79103	11.37222	0.1482779	0.18406389	3.0607204	20	12 24.4	20.5
324777 2007 GZ_{51}	15.9	X	134.95029	149.69728	57.56253	11.79258	0.0340392	0.17809045	3.1287843	20	10 3.6	20.6
324778 2007 GF_{53}	16.0	X	115.33029	62.61139	213.65193	10.45003	0.1012985	0.18546692	3.0452649	20	12 3.9	20.8
324779 2007 GJ_{57}	16.4	X	120.11031	141.67366	154.98812	6.17851	0.0500644	0.19198340	2.9759589	20	12 30.9	20.8
324780 2007 GK_{58}	16.2	X	11.49261	138.16135	176.56928	8.38114	0.1126600	0.17170636	3.2058643	20	9 14.1	20.2
324781 2007 GW_{58}	16.3	X	69.76874	127.74394	187.70835	11.64082	0.0267205	0.19122248	2.9838484	20	11 25.7	20.7
324782 2007 GQ_{61}	15.7	X	337.53817	162.32319	228.78911	11.07839	0.0355072	0.18235301	3.0798348	20	10 29.3	19.7
324783 2007 GH_{66}	15.5	X	204.04800	66.15820	46.73561	4.72896	0.0905623	0.17194301	3.2029220	20	8 19.5	20.4
324784 2007 GN_{66}	15.8	X	67.91350	300.77168	48.10148	10.83471	0.0797944	0.18886582	3.0086186	20	—	—
324785 2007 GS_{66}	16.2	X	200.39848	95.93509	57.12944	3.55421	0.0663265	0.17864830	3.1222676	20	10 5.6	20.9
324786 2007 GC_{73}	16.6	X	280.91044	122.35189	55.00883	10.01659	0.0701973	0.20394291	2.8584481	20	—	—
324787 2007 GR_{75}	15.2	X	48.99125	259.83258	77.02155	17.22120	0.1020529	0.18245017	3.0787413	20	12 4.1	19.5
324788 2007 GU_{75}	15.7	X	343.51298	168.97045	199.36343	9.12252	0.0811778	0.17411302	3.1762540	20	10 8.6	19.5
324789 2007 GA_{76}	16.4	X	138.79081	205.20215	43.49395	12.37556	0.0393647	0.18676731	3.0311131	20	11 21.7	20.9
324790 2007 HJ_{7}	15.2	X	118.07041	219.00751	45.69988	25.36275	0.2503652	0.18064081	3.0992657	20	11 24.6	20.7
324791 2007 HT_{10}	16.1	X	301.06478	265.83584	197.49080	10.06283	0.0622127	0.19327642	2.9626713	20	12 11.4	20.1
324792 2007 HV_{12}	15.8	X	213.74138	106.01355	37.37308	9.50954	0.0900279	0.18423721	3.0588004	20	10 7.9	20.4
324793 2007 HH_{13}	15.8	X	12.58039	127.41206	191.82125	12.52906	0.0819430	0.17385253	3.1794258	20	9 17.9	20.1
324794 2007 HZ_{15}	15.5	X	257.04480	227.91841	201.14304	9.60704	0.0635973	0.17100915	3.2145720	20	8 24.0	20.2
324795 2007 HW_{19}	16.4	X	172.11049	52.51790	157.43545	1.66554	0.1230390	0.18487888	3.0517188	20	11 10.3	21.1
324796 2007 HZ_{19}	16.0	X	75.33386	233.65044	42.93183	9.33439	0.0442955	0.17720107	3.1392446	20	10 16.2	20.5
324797 2007 HG_{20}	16.2	X	144.38695	59.20744	214.99073	9.24518	0.0364824	0.19140666	2.9819339	20	12 29.7	20.7
324798 2007 HO_{20}	15.8	X	93.96069	279.22026	40.73933	11.22678	0.0759007	0.18907804	3.0063669	20	—	—
324799 2007 HD_{29}	15.5	X	80.84779	202.15649	68.15864	8.96455	0.2158437	0.17642307	3.1484669	20	11 3.9	20.5
324800 2007 HP_{44}	16.6	X	182.91339	130.11647	51.42705	1.72174	0.0273634	0.18359186	3.0659643	20	10 23.1	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324801 2007 HO_{45}	16.2	X	113.06083	106.57584	201.83608	8.91902	0.1136271	0.18773300	3.0207095	20	—	—
324802 2007 HW_{45}	15.5	X	65.76787	257.48334	45.74062	12.90314	0.2059783	0.17697494	3.1419182	20	11 23.3	20.3
324803 2007 HY_{46}	16.0	X	85.76166	79.77358	159.28004	9.56441	0.0497625	0.17473880	3.1686661	20	9 11.4	20.4
324804 2007 HL_{48}	15.4	X	344.46629	293.89365	52.37237	10.98834	0.0559351	0.17248098	3.1962585	20	9 17.4	19.8
324805 2007 HH_{49}	16.0	X	132.62501	124.01269	126.43010	4.94924	0.0982534	0.18288855	3.0738196	20	11 20.8	20.8
324806 2007 HN_{49}	15.1	X	115.88378	47.69799	209.37259	21.88842	0.1102419	0.18014681	3.1049289	20	11 12.0	20.0
324807 2007 HL_{50}	15.6	X	120.85218	47.51890	194.92471	10.33221	0.0695677	0.17870581	3.1215977	20	10 28.3	20.2
324808 2007 HE_{53}	14.9	X	313.52074	328.83058	61.31305	28.93521	0.1707104	0.17255476	3.1953474	20	10 3.3	19.3
324809 2007 HB_{57}	16.6	X	231.98257	244.06638	161.34835	5.18366	0.2405264	0.23896574	2.5718499	20	6 12.7	20.8
324810 2007 HT_{59}	16.4	X	204.34524	140.43077	59.33781	2.49504	0.1456896	0.19059149	2.9904305	20	11 27.6	20.8
324811 2007 HW_{59}	15.8	X	102.93974	238.37208	43.03440	10.83178	0.0446701	0.18449881	3.0559085	20	11 21.1	20.2
324812 2007 HY_{59}	15.8	X	47.85118	311.86816	40.48825	22.39092	0.1344255	0.18615096	3.0378001	20	12 23.9	20.5
324813 2007 HY_{64}	15.6	X	85.84443	290.38244	45.16595	10.67761	0.1250270	0.19069206	2.9893790	20	—	—
324814 2007 HO_{66}	15.2	X	83.78070	238.83868	89.83374	11.29454	0.2258855	0.18236888	3.0796562	20	—	—
324815 2007 HU_{67}	15.7	X	227.21681	288.24508	189.74374	13.14578	0.0741076	0.18151754	3.0892780	20	9 19.9	20.1
324816 2007 HD_{71}	15.5	X	38.73461	244.96298	48.62451	16.28562	0.0819547	0.17151243	3.2082804	20	10 1.3	20.0
324817 2007 HZ_{75}	15.7	X	54.63494	226.41914	62.28192	8.94747	0.0361588	0.17337910	3.1852111	20	10 6.1	20.2
324818 2007 HU_{80}	16.5	X	357.42015	180.21048	207.13599	4.69698	0.0596774	0.18664913	3.0323924	20	11 24.1	20.5
324819 2007 HZ_{80}	16.8	X	155.11886	44.64360	190.67059	1.05425	0.0725557	0.18711736	3.0273316	20	11 24.9	21.4
324820 2007 HB_{81}	15.3	X	255.82201	20.18220	32.40369	22.52422	0.0704291	0.17103963	3.2141900	20	8 14.9	20.3
324821 2007 HR_{81}	16.3	X	139.56959	243.64450	36.83080	4.83141	0.0446557	0.19277210	2.9678362	20	—	—
324822 2007 HQ_{84}	15.9	X	176.62390	80.36136	205.81110	12.16586	0.0507015	0.19845670	2.9108882	20	—	—
324823 2007 HL_{86}	15.7	X	297.04190	0.44032	63.78060	17.96028	0.0948827	0.17899004	3.1182922	20	10 18.8	20.0
324824 2007 HE_{87}	15.8	X	44.73148	132.55480	211.12514	9.00462	0.0552361	0.18212024	3.0824585	20	11 30.7	20.1
324825 2007 HY_{90}	16.6	X	167.02361	121.65359	64.47501	1.01540	0.2508624	0.18217827	3.0818039	20	10 5.9	22.1
324826 2007 HV_{91}	16.6	X	175.05027	67.07177	167.37904	2.06188	0.0231783	0.19534601	2.9417089	20	12 19.3	20.7
324827 2007 HL_{96}	15.3	X	85.07275	229.27987	54.72634	6.64221	0.0265178	0.18127204	3.0920666	20	11 3.0	19.7
324828 2007 HM_{96}	15.5	X	46.24829	246.37908	35.91287	8.43512	0.0279476	0.17281727	3.1921108	20	9 15.7	20.0
324829 2007 HC_{97}	15.8	X	268.12185	53.71993	61.82636	13.92825	0.1323558	0.19067272	2.9895811	20	11 3.8	19.8
324830 2007 HU_{97}	15.8	X	171.37319	119.47149	80.71476	8.06371	0.1008477	0.18026182	3.1036081	20	10 31.3	20.6
324831 2007 JU_{1}	15.6	X	111.86122	222.43916	36.89781	17.50122	0.1565608	0.18050799	3.1007858	20	11 10.9	20.6
324832 2007 JG_{3}	15.2	X	78.71735	206.01722	59.90226	11.44463	0.0315527	0.17742202	3.1366378	20	10 8.6	19.8
324833 2007 JQ_{3}	16.0	X	105.65873	89.36989	180.00651	10.77820	0.0520708	0.17964326	3.1107284	20	11 12.8	20.7
324834 2007 JN_{9}	15.8	X	96.44537	67.13239	193.23834	13.59718	0.2624586	0.17461828	3.1701240	20	11 9.2	21.2
324835 2007 JB_{10}	17.3	X	158.18622	78.55899	106.10991	23.99708	0.0602773	0.40157152	1.8195365	20	11 16.0	19.8
324836 2007 JD_{12}	15.8	X	197.58955	351.72411	184.73248	16.57131	0.0050767	0.17906518	3.1174197	20	11 6.4	20.4
324837 2007 JP_{12}	14.8	X	102.75437	186.39527	86.92334	19.24680	0.1930574	0.17796930	3.1302041	20	11 26.2	20.0
324838 2007 JB_{13}	15.5	X	159.65592	339.56197	210.81208	19.81772	0.0801884	0.17565724	3.1576114	20	10 3.1	20.5
324839 2007 JZ_{36}	15.3	X	108.68331	136.84943	97.99189	10.00880	0.0464848	0.17465157	3.1697212	20	10 7.4	20.1
324840 2007 JZ_{42}	17.7	X	20.28408	68.58465	194.73465	21.55257	0.0885782	0.38470939	1.8723234	20	8 5.8	19.8
324841 2007 JC_{43}	15.3	X	121.05739	148.57071	98.13419	11.17896	0.0564586	0.17975822	3.1094021	20	11 5.1	20.1
324842 2007 JG_{44}	15.2	X	101.70655	40.43796	226.71984	26.39959	0.1473646	0.17679517	3.1440476	20	11 11.6	20.1
324843 2007 KM	16.7	X	129.09254	64.86017	217.84673	10.24905	0.1088628	0.19202739	2.9755044	20	12 24.8	21.5
324844 2007 KW_{3}	15.1	X	12.93750	288.33886	43.82313	22.89315	0.0795604	0.17871932	3.1214404	20	10 15.0	19.3
324845 2007 KD_{4}	15.8	X	198.14713	0.23524	202.07422	11.19336	0.0943600	0.18604416	3.0389626	20	11 29.3	20.4
324846 2007 KY_{5}	16.0	X	220.16452	262.78789	229.00998	13.92997	0.2725147	0.18162968	3.0880062	20	9 5.9	21.5
324847 2007 LS_{1}	16.0	X	62.43053	100.52319	188.07467	7.92359	0.0355733	0.17334469	3.1856327	20	10 11.9	20.4
324848 2007 LW_{5}	15.7	X	192.25525	336.45496	173.68734	17.61716	0.1489687	0.17617728	3.1513946	20	9 16.6	20.8
324849 2007 LN_{6}	15.3	X	161.86076	49.52076	202.40817	9.64187	0.0717603	0.18726661	3.0257229	20	12 20.8	20.0
324850 2007 LS_{6}	16.1	X	78.36268	186.20775	108.98377	8.65703	0.1984093	0.17543111	3.1603242	20	11 28.1	21.1
324851 2007 LU_{7}	15.0	X	260.31905	250.10505	207.58179	22.07211	0.1503038	0.17585396	3.1552560	20	9 20.8	19.6
324852 2007 LZ_{7}	15.8	X	96.52448	159.78503	97.97809	8.53103	0.1236273	0.17466763	3.1695269	20	10 27.7	20.7
324853 2007 LO_{8}	15.4	X	94.42789	155.08610	100.56506	11.08393	0.0420810	0.17367411	3.1816030	20	10 15.9	20.2
324854 2007 LD_{27}	16.1	X	64.73377	106.32294	172.34641	16.23886	0.1235207	0.17050564	3.2208973	20	10 16.4	20.8
324855 2007 LH_{28}	15.9	X	152.52875	40.35613	185.79038	11.26820	0.0202486	0.17898317	3.1183719	20	11 11.9	20.5
324856 2007 LL_{33}	15.9	X	91.57382	144.30723	136.06339	26.72802	0.3291885	0.17555688	3.1588146	20	12 6.9	21.8
324857 2007 LG_{34}	16.2	X	249.08263	302.90311	190.02135	8.82722	0.1029438	0.18369171	3.0648532	20	11 2.1	20.5
324858 2007 LB_{37}	16.1	X	109.76235	87.40049	174.70898	14.06011	0.0849207	0.17703561	3.1412002	20	11 11.5	21.0
324859 2007 MS_{4}	15.8	X	258.37942	263.32480	224.25919	9.46034	0.0618274	0.18244967	3.0787469	20	11 11.5	20.0
324860 2007 RO_{227}	17.9	X	294.38913	21.84778	4.59409	1.43601	0.1912059	0.29612295	2.2292289	20	8 20.9	19.4
324861 2007 RM_{290}	16.7	X	152.49025	298.51209	213.05419	23.09958	0.2283806	0.28472503	2.2883316	20	8 14.7	21.1
324862 2007 RU_{301}	18.1	X	215.51878	99.78527	18.20496	4.81014	0.0742790	0.30191072	2.2006469	20	9 24.5	20.7
324863 2007 TC_{6}	17.6	X	195.61928	137.15584	347.35247	5.80890	0.0934279	0.29678025	2.2259362	20	9 4.5	20.5
324864 2007 TW_{66}	18.4	X	300.46396	240.08153	176.11633	5.59980	0.1720573	0.30421511	2.1895197	20	11 1.8	19.7
324865 2007 TQ_{119}	18.5	X	284.60477	48.97457	7.22416	1.67425	0.2091272	0.29810256	2.2193489	20	9 16.1	20.3
324866 2007 TZ_{125}	18.1	X	238.73576	76.44615	28.05456	3.00775	0.0920008	0.29951877	2.2123476	20	10 3.8	20.6
324867 2007 TX_{142}	17.5	X	291.62083	9.55135	46.41498	5.85022	0.1144027	0.30239929	2.1982759	20	10 17.3	19.4
324868 2007 TX_{171}	17.9	X	281.83880	233.15120	173.85564	5.65887	0.1356768	0.29892823	2.2152603	20	9 7.9	20.1
324869 2007 TN_{211}	17.4	X	18.15031	40.88630	316.41735	3.86882	0.0154150	0.30936535	2.1651514	20	12 7.9	19.7
324870 2007 TU_{218}	18.3	X	11.69478	137.83289	218.61417	3.00445	0.1580313	0.30778837	2.1725407	20	12 20.6	20.5
324871 2007 TT_{231}	17.6	X	221.90292	59.71309	43.55212	6.81481	0.1529841	0.29265143	2.2468235	20	9 2.7	20.7
324872 2007 TT_{232}	18.0	X	251.36799	230.72096	205.89334	3.70709	0.1599447	0.29417552	2.2390564	20	8 27.8	20.8
324873 2007 TV_{272}	17.8	X	303.23389	313.18131	67.41729	5.57746	0.1324458	0.29786236	2.2205419	20	9 12.1	19.7
324874 2007 TD_{275}	17.5	X	271.60261	16.21618	31.81813	8.07165	0.1029140	0.29844280	2.2176618	20	9 2.1	19.9
324875 2007 TW_{293}	17.8	X	224.56518	210.30212	217.71196	4.66289	0.0934532	0.28617665	2.2805867	20	7 19.8	21.0
324876 2007 TK_{318}	18.4	X	313.51540	187.60037	207.22324	4.04286	0.1780849	0.30140329	2.2031161	20	10 25.0	19.7
324877 2007 TZ_{362}	17.8	X	238.64627	49.57253	59.84527	6.15530	0.0805683	0.29741220	2.2227819	20	10 14.4	20.3
324878 2007 TU_{373}	17.7	X	262.81027	10.55301	37.79807	5.31569	0.1628757	0.29284514	2.2458325	20	8 5.9	20.3
324879 2007 TN_{380}	18.1	X	202.73278	272.21257	194.08278	5.08499	0.1161884	0.29186564	2.2508544	20	8 13.8	21.2
324880 2007 TT_{392}	17.6	X	346.87942	348.06504	35.25451	5.03835	0.1542228	0.30733913	2.1746572	20	12 18.9	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324881 2007 TP_{398}	17.9	X	271.75185	70.79080	8.35277	6.15400	0.1078978	0.30090211	2.2055618	20	10 14.6	20.0
324882 2007 TG_{442}	17.5	X	204.80494	94.55589	353.94675	0.62954	0.0872833	0.29019079	2.2595067	20	7 26.6	20.5
324883 2007 UH_{14}	17.4	X	304.27995	326.26525	45.22280	8.29327	0.1278256	0.29613336	2.2291767	20	8 31.8	19.5
324884 2007 UG_{25}	18.2	X	164.28832	141.13342	67.79375	0.92677	0.0303273	0.30606778	2.1806751	20	11 28.7	20.6
324885 2007 UD_{38}	17.6	X	339.50386	8.29208	21.23707	2.58612	0.1127170	0.30648120	2.1787136	20	12 8.3	19.4
324886 2007 UE_{44}	18.3	X	178.89876	275.20843	193.59177	4.08270	0.1542540	0.28706751	2.2758660	20	7 20.6	21.7
324887 2007 UN_{65}	16.6	X	49.52626	288.80942	92.74547	6.04256	0.1077859	0.24083376	2.5585337	20	—	—
324888 2007 UN_{71}	17.2	X	253.78176	344.82317	84.32724	7.82579	0.1920392	0.29343246	2.2428347	20	8 19.7	20.0
324889 2007 UN_{101}	18.1	X	3.33878	134.12755	224.14929	0.64997	0.0667541	0.30352112	2.1928560	20	11 24.3	20.4
324890 2007 UK_{132}	17.4	X	243.27118	324.78804	84.89340	7.13392	0.1072681	0.28109614	2.3079840	20	7 17.7	20.4
324891 2007 UP_{139}	17.5	X	225.32672	105.77551	342.20499	7.62756	0.0772712	0.29139607	2.2532718	20	8 23.6	20.2
324892 2007 VD_{15}	17.8	X	317.94791	25.62493	14.36992	3.29078	0.1545258	0.30240196	2.1982630	20	11 12.8	19.3
324893 2007 VJ_{52}	17.5	X	182.03447	178.55896	285.59231	2.24833	0.1158349	0.28400348	2.2922058	20	7 19.4	20.9
324894 2007 VP_{54}	17.6	X	202.37053	304.58377	131.44825	2.72261	0.1056444	0.28315673	2.2967733	20	7 3.9	20.7
324895 2007 VW_{95}	17.3	X	274.46486	266.85710	143.38967	5.94327	0.1443070	0.29483836	2.2356993	20	8 29.7	19.3
324896 2007 VL_{103}	18.2	X	258.24416	27.58971	91.00605	2.71591	0.0275589	0.31030558	2.1607756	20	12 5.1	20.5
324897 2007 VO_{110}	18.3	X	314.71522	124.79135	251.51526	2.20557	0.1454039	0.29734588	2.2231124	20	9 23.5	19.9
324898 2007 VJ_{122}	17.5	X	202.77899	322.08202	257.38611	5.79344	0.1300409	0.31520528	2.1383251	20	—	—
324899 2007 VU_{126}	17.3	X	166.99292	65.35576	39.42386	11.00268	0.1675095	0.27963921	2.3159935	20	7 4.8	21.1
324900 2007 VG_{141}	18.6	X	319.37305	23.03965	17.27875	3.01649	0.1170346	0.30365012	2.1922349	20	11 15.4	20.4
324901 2007 VJ_{145}	17.8	X	235.40538	40.73415	5.95011	4.63283	0.1814146	0.28460540	2.2889728	20	6 23.9	21.1
324902 2007 VS_{157}	18.3	X	194.01147	59.45290	93.86287	4.02460	0.1130962	0.29679967	2.2258391	20	10 12.4	21.2
324903 2007 VU_{183}	17.5	X	196.54052	141.68981	283.53579	6.36152	0.1261621	0.27097173	2.3651212	20	6 11.3	20.9
324904 2007 VU_{192}	17.9	X	178.50766	7.76601	98.85367	3.02180	0.1527581	0.27695833	2.3309149	20	7 17.9	21.5
324905 2007 VD_{207}	17.8	X	315.47580	234.56261	176.33506	4.80623	0.0738559	0.30438532	2.1887034	20	11 25.0	19.9
324906 2007 VP_{211}	17.7	X	200.14825	105.41200	15.57309	3.48354	0.0816966	0.29200878	2.2501188	20	9 6.6	20.7
324907 2007 VV_{216}	16.9	X	223.27218	250.93250	250.71266	6.24320	0.0652889	0.30073720	2.2063680	20	11 7.2	19.3
324908 2007 VL_{231}	17.7	X	332.00510	98.35829	261.89428	2.07135	0.1604117	0.29876853	2.2160496	20	10 7.5	19.3
324909 2007 VP_{236}	18.2	X	66.15842	119.04848	231.41979	3.00160	0.0829181	0.31713402	2.1296464	20	—	—
324910 2007 VX_{237}	17.6	X	316.58352	223.65608	218.54656	5.71969	0.0344052	0.31079607	2.1585016	20	—	—
324911 2007 VP_{244}	16.1	X	177.23552	181.42357	287.73976	24.88584	0.1903625	0.28161435	2.3051518	20	7 17.5	19.9
324912 2007 VZ_{244}	17.7	X	194.30158	196.08699	253.64759	3.91815	0.1708548	0.28275767	2.2989337	20	7 9.9	21.4
324913 2007 VN_{247}	17.6	X	86.11518	40.68721	178.61110	7.07545	0.0834302	0.29085070	2.2560877	20	9 3.0	20.4
324914 2007 VB_{252}	17.9	X	233.12968	311.93696	133.53758	1.40151	0.1862856	0.29147169	2.2528821	20	8 14.1	20.9
324915 2007 VV_{289}	17.5	X	223.53822	251.04862	247.47443	5.25179	0.0201059	0.30010657	2.2094578	20	11 10.7	20.0
324916 2007 VZ_{290}	17.3	X	235.34120	342.79953	70.24678	5.01540	0.1304761	0.28452970	2.2893787	20	7 9.0	20.4
324917 2007 VW_{292}	17.1	X	217.04826	353.72224	92.31648	8.77493	0.2621486	0.28762056	2.2729477	20	7 21.9	20.7
324918 2007 VW_{308}	17.3	X	205.38887	313.42682	131.99949	3.97226	0.0817025	0.28348354	2.2950077	20	7 22.6	20.2
324919 2007 VC_{309}	17.7	X	188.03566	197.10033	295.18113	5.85323	0.1864435	0.28948190	2.2631939	20	8 27.5	21.3
324920 2007 VF_{311}	18.1	X	170.11795	167.03894	291.27224	0.62991	0.1583201	0.27873001	2.3210272	20	6 28.4	21.7
324921 2007 VW_{320}	17.5	X	213.33070	94.47298	338.88669	4.52727	0.1368030	0.28519621	2.2858105	20	7 11.3	20.7
324922 2007 VS_{326}	17.9	X	170.07968	119.71374	351.86598	2.97232	0.1339898	0.28057188	2.3108581	20	7 16.9	21.4
324923 2007 VB_{331}	17.3	X	274.63997	322.15564	81.75175	8.22831	0.1555217	0.28865681	2.2675046	20	8 20.3	19.8
324924 2007 VR_{333}	17.4	X	86.49438	103.58645	82.15593	3.08970	0.1527372	0.26951831	2.3736164	20	7 27.2	20.6
324925 Vivantdenon	17.8	X	30.47985	298.42774	61.78032	3.82590	0.1932390	0.31115188	2.1568557	20	—	—
324926 2007 WW_{1}	16.8	X	87.16824	30.76969	287.97312	6.59815	0.2176709	0.31566389	2.1362534	20	—	—
324927 2007 WL_{7}	17.6	X	26.07913	21.09467	355.05069	2.65187	0.1794438	0.31339149	2.1465677	20	—	—
324928 2007 WC_{11}	18.0	X	307.45058	225.49774	178.94788	5.81649	0.0684757	0.30077709	2.2061729	20	10 31.4	20.0
324929 2007 WE_{21}	17.2	X	95.82111	186.30878	286.93684	5.71974	0.0696081	0.25533135	2.4607451	20	4 12.0	20.4
324930 2007 WJ_{32}	18.1	X	276.93654	41.63772	33.39901	5.99605	0.0860121	0.29886550	2.2155702	20	10 21.4	20.1
324931 2007 WF_{56}	17.1	X	212.68912	139.79785	268.80454	6.93461	0.2317957	0.27719774	2.3295727	20	5 30.9	21.1
324932 2007 XC_{1}	17.7	X	198.95847	353.17212	83.49752	3.43163	0.1963270	0.27748195	2.3279817	20	6 26.2	21.4
324933 2007 XU_{15}	17.3	X	274.97926	51.69461	11.46152	6.20922	0.1315960	0.29309874	2.2445369	20	9 22.0	19.4
324934 2007 XZ_{20}	17.7	X	323.40052	139.00184	259.13668	3.09216	0.1213633	0.30083320	2.2058986	20	11 19.7	19.3
324935 2007 XC_{21}	17.5	X	173.62369	234.40898	269.62000	6.41561	0.0774175	0.28962515	2.2624476	20	9 1.6	20.7
324936 2007 XP_{23}	17.7	X	155.43988	36.38603	56.42020	3.01999	0.1662206	0.27324678	2.3519749	20	6 6.6	21.3
324937 2007 XV_{34}	17.5	X	243.15952	11.53868	45.65208	7.33087	0.0752308	0.28745084	2.2738422	20	8 5.4	20.4
324938 2007 XG_{37}	17.1	X	5.52975	341.49637	44.85838	5.21386	0.0892902	0.30726425	2.1750105	20	—	—
324939 2007 XG_{40}	17.0	X	302.37747	92.33713	295.65064	6.35787	0.1262519	0.29269416	2.2466048	20	9 14.1	19.1
324940 2007 XE_{46}	17.2	X	258.19379	295.90329	113.44786	8.32085	0.1573482	0.28883290	2.2665829	20	7 30.3	19.7
324941 2007 XR_{49}	17.8	X	230.28030	146.15857	276.74791	4.07703	0.1136033	0.28131064	2.3068106	20	7 17.9	20.9
324942 2007 XW_{53}	17.5	X	127.32765	203.36642	303.97693	1.45194	0.1363562	0.26836473	2.3804136	20	7 19.1	21.0
324943 2007 XM_{56}	17.1	X	116.92758	15.73436	91.06241	3.34393	0.1492279	0.26504049	2.4002763	20	5 15.3	20.4
324944 2007 XQ_{58}	17.3	X	329.82979	329.37585	70.07502	8.89938	0.1818940	0.30291630	2.1957739	20	12 12.7	18.8
324945 2007 YL_{6}	18.0	X	217.70023	142.83343	18.36467	3.92108	0.0986868	0.30324349	2.1941942	20	11 22.3	20.6
324946 2007 YU_{8}	17.9	X	290.78943	44.06631	353.53153	4.77770	0.0336076	0.28907680	2.2653078	20	9 21.4	20.3
324947 2007 YY_{13}	16.9	X	168.57958	160.60635	304.29779	9.34357	0.2105475	0.27480392	2.3430817	20	7 6.5	20.8
324948 2007 YT_{26}	17.1	X	321.21260	310.24060	66.27421	7.51540	0.1041656	0.29117955	2.2543887	20	10 12.8	19.1
324949 2007 YQ_{28}	17.7	X	22.11913	61.72893	288.39061	3.10295	0.1456893	0.30494645	2.1860176	20	12 23.6	20.2
324950 2007 YH_{30}	17.8	X	154.92843	338.76055	96.70510	2.43563	0.1583093	0.27048206	2.3679748	20	5 14.6	21.3
324951 2007 YW_{30}	18.1	X	96.18108	358.56444	95.41202	2.37769	0.1592388	0.26036804	2.4289073	20	4 4.2	21.0
324952 2007 YR_{43}	17.0	X	70.20316	271.59552	314.35212	4.61096	0.1087778	0.27461190	2.3441738	20	8 24.2	19.9
324953 2007 YC_{44}	17.4	X	82.89355	263.40019	295.55952	3.14188	0.1038023	0.26999057	2.3708477	20	8 2.2	20.3
324954 2007 YL_{53}	17.1	X	70.99500	278.39216	302.51209	3.84597	0.1848204	0.27198276	2.3592563	20	8 28.8	20.3
324955 2007 YE_{54}	17.3	X	120.89766	118.36698	65.94269	7.42375	0.0526477	0.28080083	2.3096019	20	8 30.1	20.4
324956 2007 YY_{54}	16.6	X	209.74360	105.93372	314.63840	18.60243	0.0654662	0.27513761	2.3411868	20	6 26.9	20.0
324957 2007 YG_{57}	17.3	X	260.75534	116.36905	286.32168	6.57241	0.0636554	0.28679320	2.2773170	20	8 6.8	20.0
324958 2007 YW_{62}	18.1	X	174.60066	205.02104	229.56739	0.80068	0.1532685	0.26981542	2.3718736	20	6 1.2	21.6
324959 2007 YN_{66}	18.1	X	189.48100	186.35106	258.42063	1.24857	0.1508973	0.27483177	2.3429234	20	6 29.5	21.8
324960 2007 YT_{72}	17.7	X	162.37041	143.35334	357.92164	4.81757	0.1569027	0.27920004	2.3184215	20	8 18.5	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
324961 2007 YV_{72}	17.0	X	138.42925	81.75281	12.61389	6.56947	0.0916299	0.26547339	2.3976662	20	5 14.8	20.4
324962 2007 YQ_{73}	17.6	X	172.42704	44.92028	44.13981	3.63418	0.1440918	0.27246630	2.3564643	20	6 17.9	21.3
324963 2007 YT_{74}	17.5	X	79.71313	264.87323	252.10223	1.28274	0.1066674	0.26293389	2.4130797	20	5 29.8	20.5
324964 2008 AY_{3}	17.0	X	92.35482	32.51116	108.16225	6.56677	0.1032740	0.26569203	2.3963506	20	5 25.3	20.0
324965 2008 AQ_{4}	17.3	X	122.66636	122.47826	12.20444	8.68548	0.2530958	0.26829781	2.3808094	20	7 7.7	21.3
324966 2008 AM_{7}	17.8	X	151.23678	44.71190	99.50957	1.88763	0.1517595	0.27648799	2.3335576	20	8 10.3	21.2
324967 2008 AC_{15}	17.8	X	95.14601	356.26593	163.62299	2.65120	0.1337971	0.26606589	2.3941053	20	6 28.3	21.0
324968 2008 AY_{19}	17.7	X	152.41186	279.77028	159.84105	2.35900	0.1826424	0.26615480	2.3935721	20	5 19.1	21.5
324969 2008 AV_{20}	17.5	X	81.62213	207.56428	355.26764	2.07995	0.1299252	0.26938216	2.3744161	20	8 10.7	20.4
324970 2008 AF_{27}	17.0	X	103.50347	229.69625	298.95639	5.80911	0.1196749	0.26909065	2.3761306	20	7 19.4	20.3
324971 2008 AJ_{30}	17.7	X	101.02544	97.70171	58.64863	4.77432	0.0983877	0.26833679	2.3805788	20	6 26.1	20.8
324972 2008 AJ_{32}	17.2	X	116.91836	49.09855	79.67449	3.51822	0.1362327	0.26501623	2.4004227	20	6 11.9	20.4
324973 2008 AE_{37}	17.1	X	124.31704	344.57670	123.58774	7.71138	0.0681884	0.26329535	2.4108707	20	5 18.1	20.4
324974 2008 AM_{43}	17.3	X	56.51918	75.62978	148.81340	2.51664	0.1540035	0.26783537	2.3835491	20	8 9.9	19.9
324975 2008 AA_{46}	17.6	X	57.54213	30.58610	284.68275	4.80205	0.1099824	0.30348273	2.1930409	20	12 15.2	20.5
324976 2008 AH_{56}	17.4	X	18.44594	353.73917	281.32838	4.09406	0.1067204	0.27640501	2.3340247	20	8 14.7	19.8
324977 2008 AH_{58}	17.8	X	90.00080	35.51567	142.65491	2.89811	0.1305970	0.26892858	2.3770852	20	7 16.9	20.9
324978 2008 AW_{64}	17.9	X	144.22077	198.12385	247.57254	2.36708	0.1615623	0.26428466	2.4048505	20	5 16.9	21.5
324979 2008 AJ_{71}	17.0	X	212.29629	22.36735	23.38451	7.25763	0.0819469	0.26943918	2.3740811	20	6 3.8	20.3
324980 2008 AS_{75}	17.9	X	160.70603	215.21175	221.56049	2.69815	0.1037241	0.26682834	2.3895424	20	5 19.4	21.4
324981 2008 AB_{88}	18.0	X	44.66200	44.39181	151.13008	1.47229	0.1397995	0.26337836	2.4103642	20	6 5.2	20.4
324982 2008 AL_{96}	17.3	X	232.21446	51.22448	341.02641	6.67445	0.1564665	0.27371782	2.3492758	20	6 1.7	20.8
324983 2008 AR_{98}	16.9	X	72.44742	251.41970	337.52276	5.37994	0.1430395	0.27416255	2.3467345	20	9 5.9	20.0
324984 2008 AJ_{107}	17.4	X	173.42338	336.08444	112.55248	4.35816	0.0613163	0.27095378	2.3652256	20	6 18.4	20.7
324985 2008 AQ_{114}	17.1	X	5.78009	305.91598	307.95204	5.37925	0.0810968	0.26748806	2.3856118	20	6 17.1	19.6
324986 2008 AQ_{136}	17.0	X	130.45877	277.20956	259.08620	4.77783	0.0518940	0.27998227	2.3141013	20	8 24.2	20.1
324987 2008 AB_{137}	17.4	X	57.72957	141.96675	13.51859	1.97300	0.1662510	0.25822771	2.4423102	20	5 2.4	19.8
324988 2008 BA_{7}	17.7	X	78.86051	63.56199	169.71830	1.08900	0.1720123	0.27451352	2.3447339	20	9 23.8	20.9
324989 2008 BJ_{7}	18.1	X	72.73961	262.20568	210.86699	1.81196	0.2096412	0.25296358	2.4760765	20	4 3.7	20.7
324990 2008 BW_{9}	17.1	X	207.63715	1.03387	33.20775	3.83304	0.1315321	0.26605272	2.3941843	20	5 11.9	20.5
324991 2008 BD_{10}	17.3	X	47.56284	178.88522	351.68216	6.74390	0.0986435	0.25621536	2.4550816	20	4 24.7	20.0
324992 2008 BA_{13}	16.0	X	331.94409	214.45132	332.00126	25.73244	0.3001847	0.23806037	2.5783665	20	—	—
324993 2008 BQ_{13}	17.8	X	156.55633	75.73491	27.12680	2.86085	0.1496029	0.27142848	2.3624671	20	6 20.6	21.3
324994 2008 BV_{14}	17.7	X	192.43831	250.82520	197.94864	5.50253	0.0784120	0.27417342	2.3466725	20	7 10.3	21.0
324995 2008 BA_{15}	18.1	X	170.04009	181.59954	250.51565	1.68800	0.1521362	0.26893942	2.3770213	20	5 24.3	21.7
324996 2008 BW_{15}	17.7	X	80.71889	171.62380	304.98302	6.87630	0.2047558	0.25585140	2.4574094	20	4 16.5	20.8
324997 2008 BF_{18}	17.1	X	57.24957	95.46244	171.88284	1.88170	0.1945812	0.27517844	2.3409553	20	10 17.8	20.3
324998 2008 BA_{26}	18.0	X	204.70517	210.70282	203.01620	0.90252	0.1777098	0.27202124	2.3590338	20	6 2.3	21.6
324999 2008 BX_{27}	17.7	X	121.05005	208.49774	295.37954	5.72943	0.1842833	0.26932577	2.3747475	20	7 11.9	21.1
325000 2008 BL_{28}	17.9	X	64.46170	104.41993	120.11212	3.02753	0.1571332	0.27109137	2.3644252	20	8 23.1	20.7
325001 2008 BH_{29}	18.1	X	150.14757	220.95315	241.90601	0.51977	0.1443740	0.26814509	2.3817133	20	6 13.8	21.6
325002 2008 BL_{31}	17.8	X	107.30058	202.81500	292.64027	0.45412	0.1227070	0.26245593	2.4160085	20	6 7.9	21.1
325003 2008 BW_{34}	17.4	X	124.67179	326.82642	154.39545	5.45026	0.0860916	0.26208924	2.4182615	20	6 6.1	20.8
325004 2008 BQ_{37}	15.7	X	209.89180	333.71763	359.51957	2.90115	0.2474391	0.24495076	2.5297844	20	2 27.5	20.1
325005 2008 BT_{38}	17.9	X	167.87004	309.30333	164.98658	4.48184	0.0833429	0.27022113	2.3694989	20	7 16.5	21.3
325006 2008 BO_{42}	17.0	X	181.02580	8.47696	47.92118	6.20050	0.2322442	0.26704044	2.3882770	20	5 14.7	21.0
325007 2008 BQ_{43}	17.6	X	77.74539	71.90324	82.47340	3.17779	0.1799780	0.26165516	2.4209353	20	6 4.5	20.5
325008 2008 BX_{44}	16.8	X	107.82331	60.15598	55.45320	7.68519	0.0652223	0.26067230	2.4270168	20	5 4.7	19.8
325009 2008 BM_{45}	17.0	X	165.28024	356.29613	82.08952	7.46406	0.1267771	0.26589526	2.3951294	20	5 27.8	20.6
325010 2008 BG_{47}	16.6	X	225.50659	279.13809	344.77888	11.19976	0.1865084	0.22426786	2.6830249	20	—	—
325011 2008 BU_{49}	17.2	X	20.55578	117.71458	354.85037	5.14062	0.1737289	0.23486001	2.6017366	20	—	—
325012 2008 BN_{52}	17.2	X	18.47507	99.87314	100.23727	6.14831	0.1242180	0.25454616	2.4658028	20	4 23.9	19.6
325013 2008 BU_{52}	17.1	X	76.09496	119.01535	85.07649	7.33096	0.0824849	0.26892983	2.3770778	20	7 29.5	20.1
325014 2008 CX_{5}	16.1	X	81.09747	234.55971	335.95709	9.17552	0.1829997	0.26924911	2.3751982	20	8 27.5	19.4
325015 2008 CF_{11}	17.8	X	97.67937	39.11939	77.51353	3.55313	0.1573048	0.25741350	2.4474576	20	5 6.7	21.0
325016 2008 CZ_{14}	17.4	X	101.24031	88.03742	69.16770	3.68408	0.1262573	0.26363312	2.4088110	20	7 1.3	20.5
325017 2008 CO_{17}	16.7	X	287.56328	93.45114	161.18351	14.57550	0.1047470	0.24373091	2.5382183	20	2 12.9	20.2
325018 2008 CV_{18}	18.1	X	58.90170	162.81278	49.33036	2.51005	0.1602870	0.26213484	2.4179810	20	7 28.1	21.0
325019 2008 CR_{19}	16.9	X	105.62480	16.20391	145.72037	12.53560	0.1367662	0.26771587	2.3842583	20	7 13.9	20.3
325020 2008 CA_{21}	17.5	X	227.03715	29.98650	356.74388	7.36634	0.1227847	0.26692583	2.3889606	20	5 21.7	21.0
325021 2008 CC_{24}	16.6	X	277.92987	335.62806	338.68895	5.78503	0.1159701	0.25662728	2.4524538	20	4 15.5	19.9
325022 2008 CX_{24}	17.4	X	45.38057	184.22838	73.87271	2.78880	0.2083705	0.26772783	2.3841873	20	9 22.0	20.2
325023 2008 CQ_{26}	17.9	X	194.75893	32.50070	358.90213	4.35373	0.0847334	0.26189679	2.4194460	20	4 24.9	21.3
325024 2008 CP_{33}	17.5	X	57.97791	170.64625	78.16356	1.88683	0.1886024	0.27069046	2.3667593	20	9 22.7	20.5
325025 2008 CN_{34}	17.8	X	201.10834	300.86495	125.20341	2.00298	0.1636098	0.27099111	2.3650084	20	6 15.7	21.4
325026 2008 CR_{36}	17.5	X	31.06492	28.75987	206.16489	1.75938	0.1923204	0.26128455	2.4232240	20	7 19.1	19.8
325027 2008 CX_{39}	17.5	X	359.61489	15.25169	221.78595	0.86033	0.1389579	0.25768201	2.4457571	20	5 9.7	19.8
325028 2008 CJ_{42}	18.0	X	69.80214	199.01709	239.19423	3.35657	0.1455790	0.24229300	2.5482506	20	1 30.9	20.9
325029 2008 CK_{48}	16.6	X	267.38602	298.19187	330.68436	14.94482	0.0997369	0.24218543	2.5490051	20	2 11.1	20.1
325030 2008 CQ_{49}	17.1	X	166.83566	343.80764	87.81437	2.38142	0.1463886	0.26484260	2.4014718	20	5 20.8	20.9
325031 2008 CT_{61}	17.9	X	294.46128	234.95367	354.45057	3.92091	0.1379172	0.23818844	2.5774421	20	1 18.6	21.5
325032 2008 CJ_{72}	17.0	X	117.80640	213.46670	278.19045	9.72440	0.1791667	0.26534502	2.3984395	20	6 21.6	20.4
325033 2008 CP_{74}	17.1	X	265.58154	346.72457	31.29053	7.26372	0.1209905	0.27453230	2.3446270	20	6 29.8	20.2
325034 2008 CB_{75}	17.2	X	231.99711	2.49521	83.35935	8.06246	0.1799003	0.28353667	2.2947210	20	8 16.3	20.5
325035 2008 CP_{91}	17.1	X	1.25862	5.53439	152.49138	6.29580	0.0420586	0.24210871	2.5495436	20	1 26.7	20.2
325036 2008 CE_{95}	17.4	X	24.29264	165.19244	90.06532	5.47951	0.2082257	0.26211957	2.4180749	20	8 12.3	19.6
325037 2008 CN_{96}	17.5	X	318.28826	265.53195	81.46363	5.27030	0.0939934	0.28239909	2.3008794	20	8 17.8	19.8
325038 2008 CL_{103}	17.1	X	6.17741	7.72446	267.24051	4.63756	0.1086596	0.26586418	2.3953161	20	7 21.8	19.3
325039 2008 CC_{106}	17.4	X	207.02499	356.45673	57.67913	4.98211	0.1463936	0.26945171	2.3740075	20	6 6.2	21.0
325040 2008 CN_{107}	17.2	X	225.77432	59.61161	335.75933	9.24275	0.2739387	0.27224901	2.3577179	20	5 20.1	21.5

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325041 2008 CZ_{108}	17.2	X	36.74228	48.43504	180.77241	5.18772	0.1278841	0.26060031	2.4274638	20	7 9.7	19.9
325042 2008 CL_{124}	17.4	X	184.69468	275.77344	196.11599	1.80573	0.1069708	0.27536345	2.3399066	20	8 1.3	20.6
325043 2008 CL_{126}	18.1	X	159.02725	240.31036	184.97914	1.53985	0.1858487	0.26230912	2.4169099	20	5 6.7	21.9
325044 2008 CK_{130}	17.1	X	72.05597	76.95156	168.37237	3.18523	0.1392129	0.27409868	2.3470990	20	9 28.2	20.0
325045 2008 CW_{136}	18.1	X	104.90952	11.45968	164.92067	1.58596	0.1224433	0.26975483	2.3722287	20	7 31.8	21.2
325046 2008 CC_{137}	17.4	X	187.39383	335.19586	149.00431	5.86164	0.0721249	0.27859748	2.3217632	20	8 24.5	20.5
325047 2008 CV_{137}	17.5	X	107.88226	16.07449	86.90350	2.32376	0.1484381	0.25581817	2.4576222	20	4 29.6	20.9
325048 2008 CM_{140}	17.3	X	11.69524	324.57871	299.50171	0.91065	0.1149655	0.26308247	2.4121711	20	7 16.5	19.6
325049 2008 CN_{152}	16.7	X	233.33014	357.98207	293.76048	4.08818	0.3104487	0.23461907	2.6035175	20	1 25.5	21.4
325050 2008 CV_{154}	17.7	X	153.27320	96.20971	13.42684	7.16265	0.0750170	0.26478105	2.4018439	20	6 23.1	21.1
325051 2008 CL_{159}	16.4	X	100.35145	13.24542	7.55594	11.41660	0.1142509	0.23292750	2.6161072	20	—	—
325052 2008 CV_{177}	17.2	X	90.43176	159.50198	41.26593	2.98815	0.1332655	0.27186858	2.3599169	20	8 20.4	20.3
325053 2008 CV_{178}	17.8	X	118.66020	338.49131	146.32594	3.10784	0.1559828	0.26441166	2.4040804	20	6 11.1	21.2
325054 2008 CV_{179}	16.9	X	172.42116	134.09354	268.22231	5.49399	0.2114445	0.26351627	2.4095231	20	4 17.8	21.0
325055 2008 CV_{189}	16.5	X	97.13630	104.03915	18.29038	22.97904	0.2747712	0.25759325	2.4463189	20	5 20.8	20.5
325056 2008 CV_{190}	18.1	X	68.73938	89.09475	64.92525	2.26294	0.1311005	0.25573631	2.4581466	20	5 13.4	20.8
325057 2008 CF_{191}	17.2	X	359.25889	235.92862	128.63744	3.74813	0.1025392	0.28986082	2.2612212	20	11 29.4	19.5
325058 2008 CY_{192}	17.6	X	345.07577	23.63095	228.55879	1.93338	0.1896612	0.25510181	2.4622210	20	4 27.9	19.7
325059 2008 CT_{199}	17.4	X	57.62207	249.59770	179.33401	4.05804	0.1951700	0.23389206	2.6089098	20	1 3.9	19.8
325060 2008 CF_{200}	16.9	X	355.54500	329.68281	345.79934	4.38763	0.2368316	0.26701336	2.3884385	20	9 18.2	18.2
325061 2008 CG_{202}	15.6	X	259.09931	46.88335	358.83255	12.98092	0.0907457	0.19619931	2.9331733	20	8 2.7	19.9
325062 2008 CL_{203}	16.8	X	224.89497	185.45261	140.55519	9.44283	0.1171464	0.24442553	2.5334072	20	3 7.1	20.6
325063 2008 CM_{208}	16.8	X	238.40424	61.41281	11.07379	7.06038	0.0819572	0.27914072	2.3187500	20	8 19.0	19.7
325064 2008 CW_{208}	16.8	X	359.04691	345.27377	163.34567	12.68491	0.1191965	0.23527921	2.5986454	20	1 4.7	20.0
325065 2008 CJ_{209}	16.3	X	50.81580	333.97065	103.70802	14.57699	0.1365831	0.23904085	2.5713112	20	—	—
325066 2008 CN_{209}	17.2	X	161.61589	81.08304	8.80933	6.41369	0.0734402	0.26729046	2.3867875	20	6 4.7	20.6
325067 2008 CS_{213}	17.2	X	198.57162	290.46550	166.27958	6.41873	0.0690026	0.27461745	2.3441422	20	7 29.5	20.5
325068 2008 CX_{213}	16.8	X	270.58797	78.96974	172.45066	14.73539	0.0634827	0.23662105	2.5888117	20	1 25.0	20.6
325069 2008 CC_{214}	16.4	X	333.91202	339.42149	194.43295	10.31685	0.1668493	0.22998527	2.6383720	20	—	—
325070 2008 CO_{215}	17.0	X	128.53466	16.41488	70.14836	7.91821	0.0761861	0.25474353	2.4645291	20	4 25.2	20.3
325071 2008 DF	16.8	X	101.12535	294.57847	239.70095	7.46217	0.1401854	0.26907532	2.3762209	20	7 24.4	20.2
325072 2008 DD_{1}	17.1	X	95.61684	82.80217	141.02521	5.61950	0.2038227	0.27588820	2.3369386	20	10 4.0	20.7
325073 2008 DV_{1}	17.7	X	144.94680	290.71345	165.33782	1.38867	0.1391176	0.26568229	2.3964092	20	5 30.3	21.3
325074 2008 DL_{2}	16.7	X	16.85231	78.03049	148.36797	6.89128	0.1381061	0.26028356	2.4294328	20	5 31.1	19.0
325075 2008 DQ_{2}	17.2	X	71.35840	81.57419	153.18607	9.65064	0.1726852	0.27335029	2.3513811	20	9 18.6	20.3
325076 2008 DT_{3}	17.1	X	115.08767	40.04091	114.41351	2.91856	0.1536910	0.26665141	2.3905993	20	7 16.8	20.6
325077 2008 DZ_{5}	18.1	X	126.65614	150.82178	354.11688	1.92366	0.1592454	0.26997240	2.3709541	20	7 17.4	21.7
325078 2008 DR_{6}	17.8	X	75.60596	246.09267	317.74572	5.21299	0.1240453	0.26964187	2.3728912	20	8 3.0	20.7
325079 2008 DF_{7}	17.8	X	57.92906	12.94963	171.58261	1.37970	0.1312143	0.26084366	2.4259538	20	6 9.9	20.6
325080 2008 DH_{8}	17.1	X	136.69013	151.72610	327.19054	6.28161	0.0851684	0.26374887	2.4081063	20	6 16.6	20.5
325081 2008 DB_{13}	17.6	X	26.49657	277.46355	314.82309	3.75343	0.2044921	0.26070116	2.4268377	20	7 8.2	19.7
325082 2008 DZ_{13}	17.6	X	30.16498	239.10290	39.45842	2.99101	0.2142565	0.26952792	2.3735600	20	9 29.3	20.0
325083 2008 DO_{25}	16.3	X	33.98029	203.37128	40.64840	8.70525	0.2309417	0.26226804	2.4171623	20	8 20.8	19.0
325084 2008 DX_{30}	17.8	X	100.02800	66.51715	120.48781	3.58840	0.1117354	0.27202027	2.3590394	20	8 9.3	20.8
325085 2008 DJ_{34}	17.5	X	57.35660	59.44627	178.28349	2.80752	0.1853956	0.26440673	2.4041102	20	9 3.6	20.5
325086 2008 DA_{36}	17.4	X	1.65062	70.01851	170.63625	6.54499	0.0993775	0.25398792	2.4694146	20	5 21.9	20.0
325087 2008 DC_{37}	17.0	X	249.74879	292.95068	344.12860	7.78327	0.2418623	0.23168705	2.6254366	20	1 25.4	21.5
325088 2008 DO_{43}	17.5	X	98.43499	167.38268	56.62072	3.41520	0.1556151	0.27465085	2.3439522	20	10 2.3	20.9
325089 2008 DS_{43}	17.3	X	3.57583	203.70183	14.67326	5.27240	0.0633628	0.25084960	2.4899680	20	4 20.0	20.2
325090 2008 DU_{45}	17.1	X	62.42514	158.34137	13.85459	5.83036	0.1038224	0.25678767	2.4514325	20	5 23.7	19.9
325091 2008 DE_{53}	16.5	X	152.99913	186.44675	186.89497	10.31392	0.1138852	0.24006217	2.5640130	20	2 18.8	20.4
325092 2008 DX_{53}	17.0	X	0.18172	4.72645	153.55453	5.00223	0.0498340	0.23521053	2.5991512	20	1 26.2	20.2
325093 2008 DB_{54}	17.3	X	130.88216	12.95354	134.61222	3.39637	0.1165221	0.26969043	2.3726064	20	7 21.7	20.6
325094 2008 DE_{64}	17.3	X	9.90637	14.80768	147.61858	9.41390	0.0724909	0.24340871	2.5404577	20	2 12.8	20.0
325095 2008 DA_{68}	16.7	X	279.31825	265.91486	336.99460	14.67506	0.1296878	0.23430639	2.6058333	20	1 22.8	20.6
325096 2008 DN_{73}	16.9	X	275.47561	161.00815	179.45059	7.40346	0.1117603	0.26142559	2.4223524	20	5 23.2	20.0
325097 2008 DJ_{78}	16.0	X	72.03639	186.13727	3.04763	12.33794	0.0972167	0.18023930	3.1038667	20	6 30.3	20.5
325098 2008 DQ_{81}	17.0	X	207.81249	301.34731	338.45234	1.29488	0.1727991	0.22507949	2.6765710	20	—	—
325099 2008 DG_{82}	16.5	X	71.79429	293.92262	168.79176	15.22156	0.0722885	0.24250683	2.5467524	20	2 27.0	19.6
325100 2008 DP_{85}	17.0	X	261.12721	119.22057	164.72656	11.83055	0.1947097	0.23743145	2.5829176	20	2 11.8	21.0
325101 2008 DY_{87}	15.9	X	187.69156	333.59062	16.85408	13.98650	0.2064542	0.24162187	2.5529671	20	3 6.3	20.3
325102 2008 EY_{5}	20.1	X	29.60977	106.61448	245.50032	5.10966	0.6267429	1.98895089	0.6262100	20	—	—
325103 2008 EQ_{11}	16.1	X	258.85598	287.56047	44.48655	7.23088	0.1578966	0.25285923	2.4767576	20	4 14.9	19.6
325104 2008 EZ_{15}	16.4	X	83.15845	24.61050	14.01526	12.24995	0.1510041	0.22930602	2.6435797	20	1 5.5	19.7
325105 2008 EJ_{20}	16.7	X	309.94844	332.73752	343.58607	6.23787	0.1201422	0.25825523	2.4421367	20	6 6.5	19.5
325106 2008 EV_{29}	16.7	X	179.25349	105.45945	180.29592	8.01095	0.1585354	0.21770654	2.7366656	20	—	—
325107 2008 EL_{33}	16.4	X	161.54918	186.40599	176.38652	4.40290	0.2165304	0.23798055	2.5789430	20	2 23.6	20.6
325108 2008 EQ_{33}	17.5	X	149.36398	74.98913	330.08734	1.51843	0.2018152	0.25435954	2.4670088	20	4 2.6	21.3
325109 2008 EY_{33}	18.2	X	22.34724	348.22917	169.08384	3.20358	0.1202161	0.24576746	2.5241769	20	2 24.8	20.7
325110 2008 EZ_{41}	17.1	X	269.53662	216.81242	50.13721	3.34039	0.1132004	0.23659145	2.5890277	20	2 10.1	20.9
325111 2008 EQ_{43}	16.9	X	34.84892	142.80700	60.13044	4.56222	0.1276274	0.25610536	2.4557846	20	5 27.1	19.3
325112 2008 EM_{44}	17.4	X	1.10702	254.77173	13.30412	2.33297	0.1696273	0.25670052	2.4519873	20	7 4.2	19.3
325113 2008 ER_{44}	17.3	X	312.21250	110.07818	140.13319	2.58483	0.0223904	0.24523304	2.5278428	20	3 24.8	20.4
325114 2008 EH_{45}	18.1	X	86.35966	146.63605	2.05229	4.14137	0.1650171	0.25571667	2.4582725	20	6 5.0	21.3
325115 2008 EX_{47}	17.3	X	272.10374	244.23001	36.76853	3.76607	0.2084143	0.23669576	2.5882670	20	2 20.3	21.4
325116 2008 EG_{48}	17.1	X	339.86004	313.84948	189.68634	8.46545	0.0808685	0.22763782	2.6564793	20	—	—
325117 2008 EK_{50}	17.7	X	33.35188	258.05416	42.59352	1.92418	0.1903590	0.27618404	2.3352695	20	10 31.6	20.3
325118 2008 EA_{64}	17.2	X	198.83417	86.05944	251.73856	3.23216	0.0389296	0.24205603	2.5499135	20	2 21.1	20.7
325119 2008 EQ_{66}	17.1	X	88.09502	121.27005	304.37000	3.84967	0.1300391	0.24051167	2.5608174	20	2 10.3	20.3
325120 2008 EB_{68}	17.3	X	321.21183	298.37812	267.35138	2.87015	0.0737812	0.23946455	2.5682772	20	1 29.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325121 2008 EA_{71}	17.6	X	148.89432	70.87655	21.54757	5.10912	0.1874424	0.26297612	2.4128214	20	5 31.1	21.4
325122 2008 ES_{81}	16.6	X	240.21242	107.18515	182.88654	11.73920	0.2339246	0.23310836	2.6147539	20	1 29.3	21.3
325123 2008 EH_{86}	17.2	X	251.61742	194.28310	82.43436	4.47194	0.1046914	0.23606463	2.5928781	20	2 3.7	21.0
325124 2008 EM_{100}	17.2	X	104.76675	35.31746	140.75995	6.14841	0.0740903	0.26624213	2.3930487	20	7 24.9	20.3
325125 2008 EE_{110}	17.1	X	86.73371	65.14150	141.22007	7.63990	0.0638562	0.27443892	2.3451588	20	8 12.6	19.9
325126 2008 EM_{113}	17.5	X	91.65335	154.85091	346.64640	5.40293	0.1476332	0.25721087	2.4487428	20	5 29.8	20.8
325127 2008 EL_{119}	16.4	X	334.85813	32.89505	255.76554	5.48544	0.1135714	0.26178400	2.4201409	20	6 11.8	18.6
325128 2008 EQ_{119}	17.2	X	269.68960	272.98147	6.27109	11.40596	0.2100084	0.23834308	2.5763272	20	2 17.9	21.3
325129 2008 EN_{122}	16.9	X	185.63655	193.85314	185.76766	13.69481	0.0822870	0.24685077	2.5167866	20	4 2.0	20.4
325130 2008 EO_{123}	17.0	X	41.00148	228.74328	9.90444	3.75133	0.1630673	0.26654983	2.3912066	20	8 9.6	19.5
325131 2008 EC_{127}	17.5	X	330.56029	117.56716	184.00470	2.21361	0.1916387	0.25590818	2.4570459	20	6 14.9	19.5
325132 2008 EX_{129}	16.2	X	141.22081	233.16220	140.23159	9.09609	0.2694005	0.23829638	2.5766638	20	2 24.6	20.3
325133 2008 EO_{139}	16.0	X	205.93603	43.74478	338.45236	6.77450	0.1050878	0.25138846	2.4864085	20	4 23.4	19.8
325134 2008 EQ_{143}	16.4	X	272.07804	115.81459	127.09204	16.12509	0.0720895	0.23431714	2.6057536	20	1 17.4	20.1
325135 2008 EK_{146}	16.8	X	19.86520	307.70236	180.01534	14.83537	0.0896957	0.23840182	2.5759040	20	1 10.9	20.1
325136 2008 ED_{149}	15.5	X	161.90221	238.76744	142.76016	13.16500	0.1993694	0.24350367	2.5397972	20	3 19.8	19.7
325137 2008 EL_{149}	16.7	X	246.19477	133.07255	221.32751	7.89392	0.0436557	0.25397994	2.4694663	20	5 12.4	19.8
325138 2008 ED_{150}	17.7	X	63.16620	96.12292	61.74917	2.43753	0.1389227	0.25277470	2.4773097	20	5 11.5	20.2
325139 2008 ET_{150}	17.3	X	19.48535	68.26164	26.13324	14.67706	0.1661898	0.22816605	2.6523777	20	—	—
325140 2008 EE_{152}	16.5	X	134.84418	197.52721	192.63137	15.63778	0.1470709	0.23888622	2.5724206	20	2 22.9	20.4
325141 2008 EJ_{152}	17.2	X	273.84235	48.24740	242.31613	2.46230	0.0717155	0.24400762	2.5362991	20	3 18.1	20.7
325142 2008 EQ_{153}	16.7	X	120.56076	189.92644	198.63412	3.58429	0.1256779	0.23574155	2.5952465	20	2 4.5	20.2
325143 2008 ET_{154}	17.0	X	53.87397	334.09436	181.85222	7.75774	0.1249814	0.24488717	2.5302224	20	4 22.8	19.7
325144 2008 EL_{156}	17.2	X	71.09140	109.44518	354.06730	3.21108	0.0470277	0.24032839	2.5621192	20	2 25.7	20.3
325145 2008 ED_{157}	17.0	X	114.91927	218.36462	188.10050	14.45371	0.1925890	0.23995261	2.5647934	20	2 27.8	20.8
325146 2008 EZ_{158}	17.5	X	355.37220	309.33276	203.48206	6.47235	0.0943399	0.23257421	2.6187559	20	1 7.5	20.7
325147 2008 EX_{165}	17.6	X	8.49587	117.79627	66.93266	5.46541	0.1396339	0.24328048	2.5413503	20	3 13.3	20.1
325148 2008 EE_{166}	16.6	X	301.09212	153.15670	24.08840	14.36225	0.0719454	0.22453977	2.6808584	20	—	—
325149 2008 EP_{166}	16.2	X	341.24184	197.09811	62.87547	15.59704	0.0894945	0.25299489	2.4758721	20	5 14.2	18.8
325150 2008 EE_{167}	16.1	X	231.31987	139.89837	139.14881	13.54835	0.1576553	0.22545426	2.6736041	20	1 14.7	20.5
325151 2008 EB_{169}	16.8	X	291.59766	137.66389	104.76078	15.73548	0.2264940	0.23401623	2.6079869	20	1 20.7	20.8
325152 2008 EC_{169}	15.8	X	168.36444	194.37319	176.77749	18.83630	0.3589702	0.24225848	2.5484927	20	3 16.1	20.6
325153 2008 FS_{3}	17.2	X	140.93235	288.68834	163.47002	6.76977	0.1274873	0.25900000	2.4374528	20	5 21.4	20.8
325154 2008 FQ_{4}	17.3	X	306.74525	241.23579	15.10023	6.42081	0.1413570	0.24212342	2.5494403	20	3 8.6	20.5
325155 2008 FC_{10}	17.3	X	355.74798	133.62266	145.42303	0.71318	0.1770375	0.26222601	2.4174206	20	7 10.2	18.8
325156 2008 FO_{13}	17.4	X	37.05241	265.14513	179.75894	11.97482	0.2046008	0.23374827	2.6099796	20	—	—
325157 2008 FO_{14}	17.0	X	264.96514	233.41810	1.93799	2.36499	0.0896846	0.23139090	2.6276763	20	—	—
325158 2008 FW_{19}	17.5	X	1.44460	14.89761	256.26711	1.79667	0.1769490	0.25761808	2.4461617	20	7 10.2	19.2
325159 2008 FD_{20}	16.6	X	327.23131	155.50778	1.03743	14.22675	0.0602633	0.22952627	2.6418883	20	—	—
325160 2008 FM_{22}	16.7	X	83.25808	349.53778	68.91751	5.53213	0.0872959	0.23219956	2.6215720	20	1 21.7	20.0
325161 2008 FL_{24}	16.9	X	244.31460	124.74411	188.85532	30.64986	0.2697627	0.23537942	2.5979078	20	2 26.3	21.8
325162 2008 FW_{26}	17.1	X	26.11583	165.95062	26.27617	3.70223	0.0676170	0.24576253	2.5242107	20	4 20.5	20.1
325163 2008 FN_{37}	17.3	X	358.02809	2.11380	95.47870	3.90175	0.0538390	0.22151404	2.7052156	20	—	—
325164 2008 FH_{38}	17.1	X	304.28255	10.72314	134.31508	4.25782	0.0269408	0.21893964	2.7263804	20	—	—
325165 2008 FJ_{42}	17.1	X	150.19729	195.87967	189.16355	3.52601	0.1409088	0.24306998	2.5428174	20	3 5.2	20.8
325166 2008 FS_{46}	17.6	X	17.93105	151.16146	149.48860	3.49406	0.2025542	0.26942948	2.3741381	20	10 9.5	19.8
325167 2008 FL_{49}	16.4	X	72.25004	25.84522	18.86569	11.50947	0.1846794	0.22881941	2.6473263	20	—	—
325168 2008 FS_{49}	17.5	X	7.58288	347.16889	154.94802	0.96776	0.1537381	0.23632164	2.5909978	20	1 7.0	20.1
325169 2008 FZ_{50}	16.9	X	308.72685	218.87545	24.24997	7.45114	0.0545667	0.24214160	2.5493127	20	3 8.1	20.2
325170 2008 FC_{51}	17.1	X	264.59179	193.11544	76.47536	1.77737	0.1161830	0.23618914	2.5919668	20	2 6.9	20.9
325171 2008 FP_{54}	16.6	X	27.47793	88.40810	34.02232	7.02273	0.0684759	0.23291721	2.6161843	20	1 21.5	19.8
325172 2008 FX_{54}	16.7	X	11.34489	273.03806	198.29943	21.25843	0.1319951	0.22850260	2.6497727	20	—	—
325173 2008 FY_{54}	17.2	X	2.83823	110.13559	40.96193	2.58245	0.0401234	0.23326038	2.6136177	20	1 23.1	20.4
325174 2008 FC_{56}	16.8	X	14.45799	84.17981	194.82581	6.53498	0.1174316	0.26140364	2.4224880	20	8 11.9	19.3
325175 2008 FL_{63}	16.7	X	2.97922	200.73079	48.50884	7.79050	0.0812316	0.25380695	2.4705883	20	6 3.6	19.3
325176 2008 FX_{64}	16.9	X	109.03985	258.88001	99.02862	2.82305	0.0935562	0.21869211	2.7284373	20	—	—
325177 2008 FG_{66}	17.5	X	330.40665	71.83568	184.45707	2.18051	0.1762640	0.24391307	2.5369544	20	4 7.4	20.1
325178 2008 FR_{68}	16.8	X	31.79721	66.43405	38.13877	12.41656	0.1430539	0.23100594	2.6305948	20	1 2.5	19.7
325179 2008 FT_{69}	16.9	X	260.89347	267.59463	37.62105	5.58037	0.2493222	0.23476794	2.6024168	20	3 7.4	21.1
325180 2008 FH_{75}	17.5	X	356.87243	114.12984	91.07876	5.12776	0.1601567	0.24411237	2.5355734	20	3 18.8	20.0
325181 2008 FT_{76}	17.2	X	219.43240	134.30063	199.69437	1.06608	0.1136765	0.24607807	2.5220524	20	3 9.5	21.1
325182 2008 FJ_{77}	17.3	X	135.41207	19.77285	14.28493	2.18643	0.1567929	0.24012673	2.5635535	20	3 4.3	20.9
325183 2008 FC_{84}	16.8	X	12.93658	277.92783	183.54311	13.91467	0.0736203	0.22544031	2.6737143	20	—	—
325184 2008 FT_{88}	17.4	X	346.84180	354.00107	173.36319	3.68852	0.1516357	0.23240082	2.6200582	20	1 6.9	20.4
325185 2008 FF_{89}	17.9	X	99.34097	64.67729	140.68922	2.04526	0.1281123	0.27494296	2.3422917	20	9 4.8	21.2
325186 2008 FG_{89}	17.5	X	56.28803	111.67707	114.88529	2.16891	0.1480514	0.26932601	2.3747461	20	8 12.4	20.2
325187 2008 FC_{94}	16.3	X	53.95202	17.37260	51.01095	12.93034	0.1515797	0.22665152	2.6641804	20	—	—
325188 2008 FR_{96}	16.5	X	317.19010	40.21674	166.52573	12.06679	0.1240258	0.23453492	2.6041403	20	1 18.2	20.1
325189 2008 FC_{97}	16.4	X	26.28891	338.11538	196.90444	7.70463	0.0879432	0.24094314	2.5577593	20	3 28.1	19.2
325190 2008 FE_{103}	16.6	X	310.62364	68.96089	193.88627	16.74569	0.0560192	0.24246225	2.5470646	20	4 3.0	19.6
325191 2008 FL_{104}	16.2	X	39.98709	121.65484	187.98547	6.26067	0.0874059	0.18928089	3.0042186	20	10 19.9	20.1
325192 2008 FP_{106}	17.2	X	95.59259	284.57433	152.83924	3.71580	0.0904101	0.23960085	2.5673031	20	3 2.4	20.2
325193 2008 FK_{108}	17.3	X	109.43389	339.34530	54.98936	3.57184	0.1393442	0.23383720	2.6093178	20	2 2.8	20.7
325194 2008 FT_{111}	16.8	X	317.39104	22.77630	129.69014	6.13471	0.0972548	0.22146121	2.7056458	20	—	—
325195 2008 FY_{111}	16.6	X	325.09918	78.90418	169.68786	5.95969	0.1757294	0.23959404	2.5673518	20	3 18.8	19.5
325196 2008 FY_{113}	16.6	X	9.11625	243.12376	185.68802	6.77239	0.0392192	0.21536419	2.7564729	20	—	—
325197 2008 FX_{118}	16.8	X	83.97854	323.13920	43.57063	7.13187	0.0881528	0.21996594	2.7178934	20	—	—
325198 2008 FH_{120}	16.8	X	56.52138	243.24364	144.39657	6.72513	0.0959798	0.21917429	2.7244341	20	—	—
325199 2008 FA_{125}	16.8	X	253.37334	176.00958	128.12278	6.01791	0.2746564	0.23316713	2.6143145	20	2 25.9	21.2
325200 2008 FA_{129}	16.4	X	93.92026	304.63458	69.75589	4.06567	0.0734932	0.21897422	2.7260934	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325201 2008 FE_{131}	16.8	X	161.27564	198.19909	175.27924	9.05083	0.1750636	0.23862181	2.5743205	20	3 4.6	20.8
325202 2008 FX_{133}	17.0	X	359.58382	165.49521	38.82676	5.40815	0.0902615	0.24453407	2.5326575	20	3 26.5	19.7
325203 2008 FP_{134}	17.6	X	356.86924	334.24296	214.12346	2.63828	0.1347480	0.23957624	2.5674789	20	2 21.9	20.2
325204 2008 FT_{136}	16.0	X	49.37796	75.31090	27.85567	22.21931	0.0243827	0.23221282	2.6214722	20	2 3.7	19.9
325205 2008 FE_{137}	17.2	X	43.70858	320.72621	136.46531	4.71635	0.2486147	0.23763843	2.5814176	20	1 18.1	19.0
325206 2008 FF_{137}	16.4	X	34.29695	24.63628	114.33020	5.89048	0.1019203	0.23810911	2.5780146	20	2 23.3	19.1
325207 2008 FG_{137}	17.2	X	302.61441	74.12065	137.93147	12.13994	0.2267550	0.23205795	2.6226384	20	—	—
325208 2008 FM_{137}	16.8	X	149.53428	196.03327	142.63758	6.35525	0.0389459	0.22274859	2.6952108	20	—	—
325209 2008 GS_{4}	17.6	X	2.33708	240.33050	354.27533	1.12188	0.1487374	0.25359410	2.4719705	20	5 11.2	19.6
325210 2008 GM_{6}	17.1	X	110.84042	165.91864	148.32459	6.37626	0.0131170	0.21262547	2.7800921	20	—	—
325211 2008 GF_{9}	17.1	X	345.08244	134.61119	53.44175	2.35762	0.1177135	0.23597723	2.5935183	20	2 6.4	20.0
325212 2008 GT_{9}	16.9	X	53.25024	193.73029	195.05676	5.54333	0.0413977	0.21335685	2.7737351	20	—	—
325213 2008 GX_{9}	16.7	X	154.11863	265.72096	63.78045	4.31522	0.1059417	0.22007772	2.7169731	20	1 1.6	20.8
325214 2008 GQ_{15}	17.4	X	214.52164	282.55599	39.51194	3.55153	0.1306883	0.23526310	2.5987640	20	2 21.5	21.4
325215 2008 GQ_{17}	16.9	X	76.06547	220.79697	137.24035	6.79467	0.0424567	0.21462491	2.7627990	20	—	—
325216 2008 GQ_{18}	16.5	X	288.83740	22.89185	229.89004	11.93103	0.1169618	0.23798082	2.5789410	20	2 7.5	20.4
325217 2008 GF_{20}	16.2	X	264.91454	236.82870	37.88016	10.74183	0.2048960	0.23205867	2.6226329	20	2 9.5	20.5
325218 2008 GZ_{20}	16.8	X	213.67669	68.62106	200.99152	4.11838	0.0621798	0.22379082	2.6868363	20	—	—
325219 2008 GT_{21}	17.1	X	340.55460	154.54689	28.27622	7.85436	0.0968645	0.23530511	2.5984547	20	1 28.1	20.3
325220 2008 GO_{29}	17.3	X	144.16512	355.67853	14.56930	1.11785	0.0745409	0.23493879	2.6011550	20	2 4.2	20.8
325221 2008 GT_{30}	17.1	X	78.51240	18.90414	49.04854	3.88002	0.0305183	0.23369683	2.6103626	20	1 19.9	20.5
325222 2008 GS_{32}	17.1	X	288.98544	73.75214	132.87532	5.71977	0.0700521	0.22708900	2.6607576	20	—	—
325223 2008 GQ_{37}	16.6	X	227.01901	234.79964	55.56281	11.53354	0.1089018	0.22688270	2.6623703	20	1 29.2	20.9
325224 2008 GK_{38}	15.9	X	359.47977	154.71795	51.05615	13.82106	0.1115440	0.24059842	2.5602018	20	4 1.7	18.8
325225 2008 GO_{38}	16.4	X	266.84583	57.33030	208.66276	11.56680	0.1257898	0.22998076	2.6384066	20	1 31.6	20.6
325226 2008 GD_{39}	17.0	X	335.65586	53.00225	114.26147	4.62361	0.1881781	0.22918915	2.6444784	20	—	—
325227 2008 GJ_{40}	17.6	X	56.49607	126.09745	67.91215	3.66354	0.1204301	0.25899134	2.4375071	20	6 19.6	20.4
325228 2008 GD_{41}	17.3	X	18.46613	2.66531	127.13649	5.33797	0.0199542	0.23021135	2.6366444	20	1 17.6	20.7
325229 2008 GE_{43}	17.3	X	65.16635	186.41830	194.79381	5.92691	0.0384290	0.21723360	2.7406362	20	—	—
325230 2008 GJ_{43}	17.0	X	103.89076	30.46140	29.23100	4.36107	0.1430707	0.23725829	2.5841742	20	2 29.1	20.4
325231 2008 GD_{46}	16.7	X	32.91394	27.49864	74.49783	9.87621	0.0499496	0.22620545	2.6676817	20	1 2.2	20.0
325232 2008 GD_{49}	16.2	X	178.85588	6.38251	352.31746	14.96756	0.2751797	0.24317436	2.5420896	20	3 7.1	20.7
325233 2008 GU_{52}	16.8	X	185.47805	160.73544	182.80340	13.19207	0.0726047	0.23558486	2.5963972	20	2 13.9	20.7
325234 2008 GX_{57}	17.3	X	320.91110	11.11729	171.87746	2.67166	0.0643295	0.23165536	2.6256761	20	1 3.2	20.6
325235 2008 GT_{62}	17.2	X	289.02696	73.61469	207.82476	12.42038	0.2361118	0.23960697	2.5672594	20	2 29.3	21.2
325236 2008 GF_{64}	17.2	X	252.88982	132.88340	138.55236	2.73129	0.1679355	0.22882493	2.6472837	20	1 24.3	21.3
325237 2008 GV_{64}	17.5	X	331.18916	217.90191	72.41121	2.42066	0.1713741	0.25406508	2.4689146	20	5 31.4	19.4
325238 2008 GK_{67}	17.2	X	322.97444	149.16818	54.34253	5.05245	0.2080715	0.23418807	2.6067109	20	1 11.2	20.6
325239 2008 GC_{68}	16.7	X	32.99639	319.35263	79.00803	7.35698	0.0361197	0.21063005	2.7976228	20	—	—
325240 2008 GG_{68}	16.3	X	246.09788	78.86901	194.15242	14.16379	0.1229874	0.22795589	2.6540077	20	1 20.2	20.7
325241 2008 GU_{69}	16.0	X	178.19675	203.06828	92.97698	10.26028	0.0597667	0.21777634	2.7360808	20	—	—
325242 2008 GQ_{70}	17.3	X	35.31134	93.03752	189.39959	6.25251	0.1302798	0.27140268	2.3626168	20	9 27.5	20.0
325243 2008 GY_{71}	17.4	X	337.30335	71.45515	122.25459	2.72675	0.0429738	0.23707710	2.5854907	20	2 10.9	20.8
325244 2008 GB_{74}	16.2	X	166.70673	251.15132	74.83104	9.77591	0.1358538	0.22306326	2.6926755	20	1 12.9	20.4
325245 2008 GO_{74}	16.5	X	69.64329	222.84155	161.35657	10.30398	0.1239540	0.21632915	2.7482697	20	—	—
325246 2008 GU_{76}	17.0	X	146.56649	189.08924	180.17935	11.55733	0.0682102	0.22996298	2.6385425	20	2 3.0	20.8
325247 2008 GZ_{78}	16.8	X	272.61267	113.72988	203.01234	12.10446	0.2073521	0.24072209	2.5593249	20	4 2.6	20.5
325248 2008 GF_{80}	16.6	X	121.29339	239.29319	91.87837	6.74870	0.0596761	0.21831393	2.7315873	20	—	—
325249 2008 GN_{81}	16.4	X	197.68454	194.36630	89.07856	6.25095	0.0142470	0.21971895	2.7199299	20	—	—
325250 2008 GK_{83}	16.9	X	56.32255	339.01198	140.42682	5.12792	0.2249903	0.24270313	2.5453790	20	3 20.3	19.3
325251 2008 GJ_{85}	17.0	X	233.23507	185.87381	108.32564	4.67510	0.0848383	0.23430796	2.6058217	20	2 7.0	20.8
325252 2008 GB_{90}	17.7	X	283.04199	216.94267	57.48071	3.12268	0.1694926	0.23818508	2.5774664	20	2 27.7	21.4
325253 2008 GY_{90}	16.7	X	0.29981	65.71040	32.26553	7.83340	0.0068514	0.22029413	2.7151934	20	—	—
325254 2008 GK_{91}	17.0	X	211.48962	119.79319	175.01340	4.53331	0.0885609	0.22788331	2.6545712	20	1 15.5	21.0
325255 2008 GP_{96}	16.6	X	270.08093	218.78412	37.41774	13.89484	0.2436234	0.22997529	2.6384484	20	1 18.6	21.2
325256 2008 GL_{97}	17.1	X	286.26409	38.59567	217.28829	9.91881	0.1504880	0.23420648	2.6065743	20	2 5.7	21.0
325257 2008 GH_{98}	16.9	X	340.88293	88.26497	101.90953	6.07957	0.0620958	0.23395645	2.6084311	20	2 10.6	20.2
325258 2008 GA_{99}	16.7	X	13.35891	239.79029	201.50089	10.84315	0.1583592	0.22312256	2.6921984	20	—	—
325259 2008 GC_{99}	17.8	X	11.65265	334.32937	180.63811	0.86717	0.0539252	0.23665220	2.5885845	20	2 7.4	20.9
325260 2008 GC_{103}	16.5	X	160.83279	247.05728	67.21053	9.50378	0.1530904	0.21612449	2.7500045	20	—	—
325261 2008 GO_{106}	16.2	X	343.88200	357.58338	189.22224	18.70529	0.1623101	0.23446427	2.6046634	20	1 23.1	19.6
325262 2008 GP_{109}	16.8	X	267.89897	145.02277	82.45162	6.81096	0.1371409	0.22261553	2.6962847	20	—	—
325263 2008 GX_{109}	16.3	X	269.38041	120.71777	152.72950	8.64914	0.1206833	0.23237325	2.6202655	20	2 15.9	20.1
325264 2008 GZ_{109}	17.2	X	280.31984	257.07776	4.07942	7.41500	0.1223857	0.23734320	2.5835578	20	2 14.8	20.8
325265 2008 GQ_{113}	17.4	X	56.90534	284.28564	217.56476	3.22041	0.0648606	0.24459606	2.5322296	20	3 28.2	20.4
325266 2008 GR_{114}	16.9	X	153.98079	153.75959	163.76019	9.08357	0.0986077	0.21918618	2.7243356	20	—	—
325267 2008 GC_{115}	17.0	X	34.02042	38.62199	123.72108	5.46013	0.1293452	0.24325185	2.5415497	20	3 29.2	19.6
325268 2008 GG_{117}	16.6	X	232.80191	74.90772	160.97861	6.57689	0.0096910	0.21963668	2.7206091	20	—	—
325269 2008 GL_{118}	16.9	X	43.16182	269.57839	206.26297	6.69133	0.0699097	0.23435213	2.6054942	20	2 1.2	20.0
325270 2008 GE_{120}	16.3	X	44.12912	28.46215	109.59109	7.70125	0.0774129	0.24220026	2.5489010	20	3 8.9	19.3
325271 2008 GO_{120}	16.4	X	133.26822	259.80503	159.41362	12.80523	0.1399806	0.24381754	2.5376171	20	4 2.9	20.2
325272 2008 GY_{121}	16.4	X	272.26760	27.75014	151.80906	4.09356	0.0253500	0.21790955	2.7349657	20	—	—
325273 2008 GH_{128}	16.2	X	312.27040	78.12189	151.90456	29.17890	0.3259872	0.23324449	2.6137364	20	1 14.9	20.4
325274 2008 GV_{129}	17.0	X	9.76905	78.87416	85.42485	9.68340	0.1077599	0.23780899	2.5801832	20	2 18.4	20.0
325275 2008 GY_{130}	17.1	X	288.96500	78.67583	187.30093	11.60846	0.1672488	0.23632048	2.5910064	20	2 20.2	21.0
325276 2008 GA_{131}	16.3	X	283.35749	14.50941	253.64001	12.10839	0.2015680	0.23568556	2.5956576	20	2 9.7	20.5
325277 2008 GE_{131}	16.7	X	259.42454	209.20997	124.65254	4.39529	0.2567082	0.23954638	2.5676923	20	4 8.7	20.8
325278 2008 GQ_{132}	16.3	X	178.74510	324.77328	53.51298	10.61520	0.0995147	0.23672388	2.5880620	20	3 29.5	20.3
325279 2008 GC_{133}	16.1	X	60.71887	352.38127	80.93239	16.41617	0.0917186	0.22532075	2.6746600	20	1 8.3	19.4
325280 2008 GB_{134}	16.3	X	241.96708	50.10986	190.35075	12.80839	0.0582363	0.21944950	2.7221558	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325281 2008 GA_{137}	17.1	X	305.10359	58.15579	137.24065	3.04363	0.0266957	0.22701125	2.6613652	20	1 5.1	20.6
325282 2008 GU_{137}	17.3	X	266.32288	138.80087	117.98714	2.99682	0.1871543	0.22803496	2.6533941	20	1 18.0	21.5
325283 2008 GS_{138}	16.7	X	148.54929	194.73705	125.85856	7.43523	0.0515423	0.21935393	2.7229465	20	—	—
325284 2008 GO_{141}	17.4	X	218.81918	88.36616	180.26190	4.77379	0.0827235	0.22106659	2.7088647	20	—	—
325285 2008 GX_{144}	16.2	X	195.92169	326.59063	47.15934	14.17316	0.1817511	0.24126950	2.5554522	20	4 9.7	20.5
325286 2008 GB_{145}	16.6	X	351.10352	21.74859	47.38207	9.98768	0.1516757	0.21036168	2.8000017	20	—	—
325287 2008 HQ_{6}	17.4	X	25.35866	125.07542	31.24419	0.86277	0.0249465	0.23935952	2.5690285	20	2 29.7	20.7
325288 2008 HS_{8}	16.3	X	136.77987	189.24347	124.89047	10.46329	0.1415538	0.21169715	2.7882136	20	—	—
325289 2008 HC_{12}	16.0	X	53.03045	118.12192	27.30973	14.23917	0.0570617	0.24264073	2.5458154	20	3 31.0	19.1
325290 2008 HH_{13}	16.8	X	188.54860	313.75930	22.54267	12.02292	0.0798458	0.23414547	2.6070271	20	2 16.6	20.8
325291 2008 HB_{15}	16.8	X	239.49631	148.88858	119.77609	6.00392	0.1395702	0.22613578	2.6682296	20	1 10.8	21.1
325292 2008 HO_{15}	17.3	X	280.46983	126.08242	143.28466	5.80408	0.2270677	0.23246005	2.6196132	20	2 10.9	21.4
325293 2008 HU_{16}	16.8	X	236.18663	40.09725	210.97423	11.00283	0.0083157	0.22425921	2.6830938	20	—	—
325294 2008 HX_{23}	16.5	X	152.39005	221.25678	166.06337	14.85068	0.0614205	0.23476615	2.6024300	20	3 4.4	20.0
325295 2008 HW_{27}	17.6	X	28.19533	111.38294	15.08375	3.94146	0.1943286	0.23768233	2.5810998	20	1 25.4	19.7
325296 2008 HU_{28}	16.5	X	0.37156	272.14490	106.01095	3.20831	0.0476351	0.20225852	2.8742961	20	11 19.5	20.2
325297 2008 HF_{34}	16.6	X	247.01411	113.46653	205.24883	13.23955	0.0966189	0.23637577	2.5906023	20	3 19.4	20.5
325298 2008 HD_{35}	16.8	X	188.09241	151.72313	149.45682	9.54912	0.1414246	0.22025069	2.7155504	20	1 3.3	21.2
325299 2008 HM_{35}	17.0	X	302.34680	23.35100	196.09486	16.21845	0.1467540	0.23109392	2.6299270	20	1 11.6	21.1
325300 2008 HY_{35}	16.8	X	220.82115	232.60955	55.11709	14.01777	0.2529558	0.22257139	2.6966412	20	1 16.9	21.8
325301 2008 HY_{36}	15.7	X	26.57714	237.83971	96.98383	9.66488	0.1262482	0.18877183	3.0096172	20	11 10.3	19.7
325302 2008 HS_{42}	17.0	X	191.53804	171.47343	174.03722	6.70116	0.1189630	0.23755520	2.5820205	20	2 25.4	21.0
325303 2008 HV_{45}	16.5	X	226.13596	241.67936	78.69685	9.16947	0.2079582	0.22944547	2.6425085	20	3 1.5	21.1
325304 2008 HV_{46}	16.2	X	274.78182	156.15079	101.18777	15.05727	0.1525355	0.22991857	2.6388823	20	1 31.5	20.3
325305 2008 HU_{51}	16.8	X	57.62982	238.64748	220.50277	7.12273	0.1255936	0.23075318	2.6325154	20	2 6.3	19.9
325306 2008 HR_{52}	16.8	X	180.00563	169.49299	147.94634	8.32013	0.1399800	0.22081930	2.7108867	20	1 14.6	21.1
325307 2008 HK_{61}	16.9	X	348.72533	289.78468	239.86861	2.27217	0.0331768	0.22969977	2.6405578	20	1 27.5	20.3
325308 2008 HC_{62}	16.7	X	336.46059	57.11432	116.97672	5.51797	0.1180089	0.22863460	2.6487527	20	1 6.0	19.9
325309 2008 HO_{62}	16.5	X	303.70566	14.96640	139.38878	12.28357	0.0638399	0.21592436	2.7517034	20	—	—
325310 2008 HR_{65}	15.9	X	353.71916	117.25210	59.41136	10.04465	0.0834389	0.23380653	2.6095460	20	2 12.3	19.2
325311 2008 HK_{66}	16.8	X	344.26992	322.77297	232.68275	3.12139	0.1807830	0.23574290	2.5952367	20	2 4.2	19.6
325312 2008 HB_{67}	16.2	X	40.99951	236.07003	233.78264	6.60813	0.1606546	0.23016624	2.6369889	20	1 25.6	18.9
325313 2008 HU_{68}	16.6	X	153.86319	171.41093	171.19421	5.96323	0.0558819	0.22099784	2.7094264	20	1 10.9	20.6
325314 2008 HW_{68}	17.1	X	176.73885	113.83103	214.38171	5.16555	0.0322643	0.22441793	2.6818286	20	1 16.5	20.9
325315 2008 HY_{68}	15.7	X	38.54804	218.16499	119.33377	11.49006	0.1053962	0.19114955	2.9846073	20	11 26.8	19.9
325316 2008 HY_{69}	17.4	X	284.05780	25.67523	208.01065	3.20841	0.1256600	0.22815289	2.6524797	20	1 13.7	21.2
325317 2008 HL_{70}	16.7	X	292.45837	95.07661	135.58426	4.13672	0.1314167	0.23158468	2.6262103	20	1 18.5	20.4
325318 2008 JH_{2}	16.9	X	287.09970	69.82841	78.01240	7.72995	0.1032828	0.21254998	2.7807503	20	—	—
325319 2008 JQ_{2}	17.1	X	65.23714	69.03513	121.53709	7.01912	0.0806258	0.25673068	2.4517953	20	6 21.8	20.0
325320 2008 JX_{4}	16.3	X	225.03962	226.33985	31.58714	14.92202	0.0426266	0.22306851	2.6926333	20	—	—
325321 2008 JW_{5}	16.3	X	359.42555	169.01089	183.94416	14.85072	0.1498879	0.18372979	3.0644297	20	10 22.8	19.9
325322 2008 JS_{8}	16.1	X	217.78297	155.01072	96.14367	14.67721	0.1824070	0.21464193	2.7626530	20	—	—
325323 2008 JR_{12}	16.6	X	333.45150	88.83109	95.01670	15.50087	0.2277906	0.23141526	2.6274919	20	—	—
325324 2008 JY_{12}	16.9	X	336.50211	328.80553	159.94990	9.93318	0.1778367	0.21996716	2.7178834	20	—	—
325325 2008 JA_{14}	16.4	X	341.59187	65.68743	112.91794	7.03378	0.2103415	0.23118666	2.6292237	20	1 5.3	19.3
325326 2008 JK_{15}	16.6	X	45.53617	30.97859	19.01777	15.36319	0.1072301	0.22051677	2.7133655	20	—	—
325327 2008 JV_{16}	16.6	X	20.03115	72.59695	58.64398	22.09920	0.1000347	0.23043629	2.6349283	20	1 22.8	20.1
325328 2008 JX_{17}	16.4	X	331.11385	80.29121	104.44891	11.91765	0.0177165	0.22870232	2.6482298	20	1 26.9	19.9
325329 2008 JR_{19}	17.2	X	324.83489	96.62966	151.51984	6.23208	0.1252792	0.24358433	2.5392365	20	3 26.6	20.1
325330 2008 JK_{24}	15.9	X	9.19801	316.04156	112.41742	11.63271	0.0739485	0.21770987	2.7366377	20	—	—
325331 2008 JM_{27}	17.1	X	328.07502	76.41328	178.69255	6.81246	0.1499504	0.24224671	2.5485752	20	4 6.4	19.8
325332 2008 JK_{32}	16.9	X	284.24963	328.21155	217.78139	3.81226	0.0471879	0.21874505	2.7279970	20	—	—
325333 2008 JN_{33}	16.2	X	173.50936	141.15408	186.93445	10.50629	0.0598116	0.22349300	2.6892227	20	1 14.3	20.3
325334 2008 JY_{35}	17.0	X	96.85896	130.90646	211.51002	3.58380	0.0817516	0.20817685	2.8195584	20	—	—
325335 2008 JR_{36}	16.8	X	4.94765	297.30107	203.47875	12.21436	0.1491896	0.22848090	2.6499405	20	1 1.4	20.0
325336 2008 JG_{37}	16.3	X	132.15146	199.71759	124.71127	7.66432	0.1010399	0.20966455	2.8062049	20	—	—
325337 2008 JH_{37}	16.4	X	161.17906	235.35479	112.95449	13.01290	0.1732490	0.22115461	2.7081459	20	2 6.8	20.7
325338 2008 JG_{38}	16.8	X	264.20743	171.69525	101.49437	3.31214	0.1679955	0.22903159	2.6456910	20	2 6.9	20.9
325339 2008 JD_{40}	17.2	X	184.92009	116.72268	193.20127	7.70002	0.1380883	0.22009110	2.7168630	20	1 9.7	21.7
325340 2008 KX	16.5	X	320.09469	62.93951	86.94754	14.10572	0.1329592	0.21968703	2.7201933	20	—	—
325341 2008 KQ_{1}	16.7	X	296.71471	42.65591	155.87826	6.17249	0.2058727	0.22448487	2.6812954	20	—	—
325342 2008 KD_{8}	16.8	X	326.15530	61.17854	70.75807	14.70028	0.1680724	0.21889106	2.7267837	20	—	—
325343 2008 KU_{9}	17.0	X	298.64847	54.68686	214.22982	3.61368	0.2133253	0.23626106	2.5914408	20	3 1.0	20.7
325344 2008 KB_{10}	16.9	X	356.18662	354.39920	92.13630	5.55574	0.0400045	0.21083692	2.7957926	20	—	—
325345 2008 KG_{10}	17.0	X	356.69794	32.27288	102.04178	5.86839	0.0487401	0.22278684	2.6949023	20	—	—
325346 2008 KB_{11}	15.9	X	89.11793	257.03016	71.64577	15.75580	0.1628617	0.20251031	2.8719131	20	—	—
325347 2008 KM_{13}	16.8	X	1.42581	279.39601	230.67982	9.79940	0.1863161	0.23193082	2.6235967	20	1 2.7	19.6
325348 2008 KK_{17}	16.1	X	26.88343	192.87509	153.62147	8.13662	0.1678520	0.18873052	3.0100564	20	11 29.7	20.1
325349 2008 KK_{20}	16.8	X	206.83297	115.04555	163.16313	5.29911	0.0737116	0.21909491	2.7250921	20	—	—
325350 2008 KN_{23}	16.4	X	133.63893	170.09393	147.05387	4.87279	0.0970375	0.20966727	2.8061806	20	—	—
325351 2008 KF_{29}	16.3	X	31.35801	330.00943	113.85133	9.37716	0.0818156	0.21973627	2.7197869	20	—	—
325352 2008 KB_{33}	17.1	X	332.50319	64.65387	179.02952	6.48361	0.1068185	0.24079291	2.5588231	20	4 3.6	19.9
325353 2008 KJ_{38}	16.9	X	209.79940	125.48832	196.87870	4.60581	0.1596142	0.22703925	2.6611463	20	2 14.9	21.3
325354 2008 KT_{41}	16.7	X	274.76471	100.42921	114.38805	14.53236	0.1130557	0.22209059	2.7005317	20	—	—
325355 2008 LX_{6}	15.6	X	333.96481	157.02127	197.66074	15.72555	0.1831527	0.17698826	3.1417605	20	8 30.7	19.2
325356 2008 LU_{11}	16.8	X	165.13391	147.24777	175.94340	7.03090	0.1857599	0.21471957	2.7619870	20	1 11.2	21.4
325357 2008 LS_{12}	15.6	X	316.08894	158.15419	211.53127	15.61005	0.0723456	0.17560344	3.1582563	20	8 25.8	20.0
325358 2008 LG_{13}	16.9	X	287.48588	19.59283	192.98604	13.48151	0.0584609	0.22441882	2.6818215	20	—	—
325359 2008 MP	16.3	X	297.89820	230.57796	28.97124	25.14428	0.3282083	0.23151312	2.6267514	20	2 18.2	20.8
325360 2008 MK_{2}	15.5	X	75.11603	356.23609	298.98562	17.38007	0.1136046	0.18121013	3.0927707	20	11 10.5	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325361 2008 NB_{5}	15.1	X	72.47670	178.14257	112.43174	26.52476	0.0714984	0.17878245	3.1207056	20	11 12.1	20.1
325362 2008 OZ_{21}	14.8	X	16.54619	21.79023	325.14317	16.50066	0.1791487	0.17323791	3.1869415	20	11 3.8	19.1
325363 2008 PM	16.2	X	61.48153	104.81319	219.55912	7.84554	0.1661074	0.18180762	3.0859911	20	12 11.3	20.8
325364 2008 PC_{3}	16.2	X	90.19907	31.03796	256.64188	9.02914	0.1094247	0.18163090	3.0879924	20	11 21.2	20.8
325365 2008 PN_{17}	15.2	X	91.63319	333.51873	304.88316	16.33335	0.1821452	0.17852222	3.1237375	20	11 14.5	20.5
325366 Asturias	15.6	X	114.45765	278.71083	0.48564	13.85432	0.1612475	0.18302032	3.0723440	20	12 6.3	20.9
325367 2008 QA_{22}	15.3	X	52.59261	122.20475	183.96793	16.12899	0.2239040	0.17419753	3.1752265	20	11 18.2	20.1
325368 Ihorhuk	16.2	X	94.85247	130.27589	167.61327	13.81720	0.2748797	0.18391572	3.0623641	20	12 20.9	21.7
325369 Shishilov	15.7	X	28.97360	151.12510	186.54613	9.07693	0.0772623	0.17494194	3.1662128	20	11 5.8	20.0
325370 2008 QE_{39}	15.9	X	135.48134	65.36881	199.05616	9.26920	0.1083706	0.17949176	3.1124786	20	12 8.6	20.9
325371 2008 QM_{45}	15.5	X	49.97630	113.78178	197.63239	12.26309	0.0716114	0.17254825	3.1954279	20	10 29.9	19.9
325372 2008 RS_{22}	15.5	X	52.49611	155.39863	173.74444	17.22772	0.2212383	0.17700809	3.1415259	20	12 14.1	20.4
325373 2008 RW_{40}	16.1	X	153.80287	70.36794	174.90196	5.28821	0.1211696	0.17961990	3.1109982	20	12 3.7	21.1
325374 2008 RR_{85}	13.2	X	7.61242	359.43696	351.01513	18.30080	0.0339915	0.08115055	5.2837437	20	9 28.8	20.0
325375 2008 RR_{125}	16.2	X	137.52342	312.16322	327.63778	8.70881	0.2017044	0.18911636	3.0059608	20	12 30.7	21.4
325376 2008 SH_{3}	15.9	X	88.47405	221.69597	97.88265	3.24391	0.2792848	0.18349364	3.0670583	20	—	—
325377 2008 SO_{39}	15.8	X	25.37959	232.07264	60.17616	3.05088	0.0877913	0.15712062	3.4013182	20	9 3.3	20.2
325378 2008 SV_{98}	14.7	X	38.16789	312.77756	32.42281	19.34778	0.1907975	0.17175521	3.2052564	20	12 6.4	19.4
325379 2008 SG_{125}	15.4	X	104.73870	74.20032	210.66185	15.55492	0.2256402	0.17552027	3.1592539	20	12 9.3	20.9
325380 2008 SQ_{152}	14.6	X	45.27436	292.97220	57.74389	25.51444	0.2283919	0.17326206	3.1866453	20	12 28.2	19.5
325381 2008 SH_{181}	15.7	X	97.97066	94.02462	200.46096	15.34616	0.2364416	0.17661034	3.1462408	20	12 15.4	21.2
325382 2008 SJ_{230}	16.5	X	137.49510	64.87550	201.80013	14.44505	0.2308212	0.18391790	3.0623398	20	12 14.5	22.0
325383 2008 SC_{251}	15.9	X	80.01331	244.19153	27.30087	5.73850	0.1459028	0.16716902	3.2636145	20	10 24.3	20.8
325384 2008 SC_{268}	15.4	X	92.09329	266.51501	20.70711	24.93107	0.2426380	0.17531446	3.1617259	20	11 25.7	21.0
325385 2008 SG_{276}	14.9	X	346.66482	31.84739	170.20173	9.18540	0.0738145	0.12537367	3.9536525	20	3 16.4	20.1
325386 2008 SE_{301}	15.0	X	67.08911	267.52934	26.37713	18.35435	0.1418939	0.17117959	3.2124378	20	11 3.3	19.8
325387 2008 TZ_{37}	15.7	X	110.48231	91.56331	200.43940	11.58919	0.1511404	0.18010188	3.1054454	20	12 18.5	20.8
325388 2008 TM_{115}	15.2	X	136.20995	201.99247	78.53328	10.43305	0.2051183	0.18185280	3.0854799	20	12 28.4	20.4
325389 2008 TQ_{135}	15.9	X	104.56051	69.28556	225.54993	9.41458	0.2151929	0.17671900	3.1449510	20	12 19.6	21.2
325390 2008 UA_{69}	15.4	X	91.31711	193.61264	108.86599	6.13356	0.2006939	0.17657116	3.1467063	20	12 16.9	20.6
325391 2008 UM_{361}	15.2	X	151.30818	168.13642	138.03808	18.03798	0.1688586	0.18937742	3.0031977	20	—	—
325392 2008 VZ_{26}	17.6	X	78.76604	92.53231	38.28523	22.29075	0.1126833	0.37667654	1.8988486	20	4 18.2	19.0
325393 2008 WW_{65}	17.0	X	208.82063	222.18202	124.32737	24.04482	0.0846041	0.36106526	1.9531949	20	3 10.9	19.7
325394 2008 YV_{158}	17.5	X	227.82403	180.28212	134.48923	24.39981	0.0520213	0.35702702	1.9678953	20	2 13.2	19.6
325395 2009 CQ_{5}	17.6	X	237.20403	118.12052	278.67378	18.68477	0.0914195	1.09408489	0.9327574	20	—	—
325396 2009 DO_{129}	18.2	X	104.84805	25.54784	201.60495	2.67435	0.0926362	0.29875992	2.2160922	20	10 10.2	21.0
325397 2009 DQ_{136}	18.1	X	163.70284	357.45961	228.42047	3.77335	0.1165085	0.30854707	2.1689778	20	12 13.8	21.0
325398 2009 EF_{27}	18.1	X	107.93525	252.77632	357.58843	5.15865	0.1237665	0.30252735	2.1976555	20	11 14.4	21.3
325399 2009 EN_{28}	18.0	X	122.62995	139.53493	146.74544	2.10338	0.0814863	0.31163775	2.1546133	20	—	—
325400 2009 EU_{30}	17.4	X	93.61856	228.57304	51.03882	7.38805	0.0821140	0.30315916	2.1946011	20	12 6.2	20.4
325401 2009 FB_{72}	17.7	X	109.40718	332.10517	321.61631	1.13877	0.1499022	0.30913174	2.1662421	20	—	—
325402 2009 HH_{2}	18.0	X	106.97848	213.08329	63.16891	5.06478	0.1705278	0.30494274	2.1860353	20	12 19.8	21.2
325403 2009 HM_{22}	17.7	X	9.49183	141.84111	161.77926	5.87645	0.1829733	0.28881512	2.2666759	20	9 29.3	19.5
325404 2009 HO_{27}	17.8	X	116.76591	40.24159	209.20840	4.07130	0.1063861	0.30270997	2.1967716	20	11 24.1	20.9
325405 2009 HE_{83}	17.3	X	6.12237	6.06929	183.49681	22.56497	0.0491475	0.35799279	1.9643545	20	2 26.5	19.3
325406 2009 HX_{91}	17.3	X	111.81050	59.44649	214.33547	5.00720	0.0605313	0.30497445	2.1858838	20	12 19.9	20.1
325407 2009 HC_{92}	17.2	X	271.26737	256.46762	61.45168	6.51201	0.1331587	0.26348476	2.4097152	20	4 14.0	20.4
325408 2009 HH_{100}	17.3	X	305.52135	277.91564	143.01502	5.19722	0.0881187	0.30065511	2.2067696	20	11 21.9	19.3
325409 2009 JD_{5}	17.3	X	70.13924	110.92293	194.32608	6.84926	0.1598750	0.29883020	2.2157447	20	12 19.9	20.5
325410 2009 JX_{16}	17.6	X	337.01323	214.96640	73.74514	6.14561	0.0739093	0.27367441	2.3495242	20	6 19.1	20.1
325411 2009 KQ_{1}	17.5	X	135.86067	194.27013	52.70012	6.12651	0.1296600	0.30522528	2.1846861	20	12 10.0	20.6
325412 2009 KB_{4}	17.5	X	147.02587	199.59548	76.88183	3.55493	0.1522133	0.31202782	2.1528173	20	—	—
325413 2009 KP_{5}	17.8	X	82.44570	21.46016	193.58079	4.78582	0.1691587	0.28482386	2.2878022	20	9 2.6	20.9
325414 2009 KX_{7}	17.6	X	60.45478	233.55135	64.01067	4.08036	0.1735416	0.29360077	2.2419775	20	11 30.2	20.6
325415 2009 KM_{18}	17.4	X	73.78782	173.01850	81.20411	3.25571	0.1318193	0.28880371	2.2667356	20	10 14.8	20.4
325416 2009 KB_{19}	18.2	X	50.11878	38.54415	245.22815	4.89567	0.1574884	0.28912353	2.2650637	20	10 26.9	21.1
325417 2009 KF_{22}	17.4	X	227.53122	216.35902	182.59448	9.35055	0.0831332	0.27532198	2.3401416	20	6 14.8	20.7
325418 2009 KY_{35}	17.2	X	129.32222	3.54380	245.44120	7.54185	0.1396009	0.30079162	2.2061019	20	12 5.6	20.5
325419 2009 KA_{36}	17.3	X	62.37233	101.47694	165.44863	5.60057	0.1407584	0.28802369	2.2708262	20	10 19.4	20.2
325420 2009 MK_{1}	17.7	X	15.57846	308.89931	317.99481	1.81982	0.1792964	0.27529253	2.3403084	20	8 7.9	19.7
325421 2009 NF	16.6	X	284.92393	74.29227	240.91161	5.57176	0.1050910	0.25106894	2.4885176	20	4 29.8	19.9
325422 2009 NN_{1}	17.1	X	358.42945	354.47893	296.18402	7.81333	0.1928128	0.27015245	2.3699005	20	8 7.1	18.9
325423 2009 OC_{2}	17.1	X	20.82812	21.56267	263.29139	3.64106	0.2081860	0.27288103	2.3540760	20	9 18.7	19.3
325424 2009 OX_{3}	16.4	X	184.64351	316.57805	336.38961	12.73554	0.0872229	0.22315557	2.6919329	20	—	—
325425 2009 OZ_{5}	17.2	X	307.77191	127.27313	189.11166	1.82836	0.2016754	0.26066247	2.4270779	20	5 21.2	19.5
325426 2009 OZ_{8}	16.8	X	224.45052	136.99276	167.81388	13.57806	0.1831264	0.23549118	2.5970857	20	2 5.1	21.2
325427 2009 OG_{9}	15.4	X	349.96983	80.46892	271.46281	12.15322	0.2251816	0.18309699	3.0714863	20	9 29.6	18.7
325428 2009 OL_{13}	16.4	X	49.55221	213.18758	310.44789	5.38028	0.0506832	0.24661532	2.5183883	20	4 12.6	19.5
325429 2009 OL_{14}	16.2	X	341.09280	106.56252	272.51288	9.98710	0.1316876	0.18814825	3.0162634	20	10 19.2	19.9
325430 2009 OY_{15}	17.4	X	307.03702	25.34188	275.42334	4.21016	0.1462013	0.25638894	2.4539734	20	5 4.7	20.2
325431 2009 OJ_{16}	17.5	X	1.96373	87.72835	173.18291	2.48795	0.1979961	0.26308571	2.4121513	20	6 25.4	19.2
325432 2009 OJ_{19}	17.4	X	313.53751	119.98711	179.67376	1.23347	0.1808076	0.25744939	2.4472301	20	5 9.9	20.0
325433 2009 OR_{19}	17.3	X	258.59149	128.41035	169.61608	12.20842	0.1917629	0.24123731	2.5556796	20	2 26.8	21.3
325434 2009 OW_{20}	17.2	X	66.23928	138.62430	121.46737	12.42045	0.2303023	0.28035721	2.3120376	20	10 28.6	20.9
325435 2009 OP_{21}	17.1	X	232.11384	83.45407	223.61628	7.69923	0.1632660	0.23947208	2.5682233	20	2 13.4	21.3
325436 Khlebov	15.4	X	282.53438	257.82277	151.24671	19.02339	0.2255749	0.17805307	3.1292222	20	8 10.5	19.5
325437 2009 PE_{7}	16.8	X	107.66924	30.47103	300.78873	3.52047	0.1096410	0.20861451	2.8156135	20	—	—
325438 2009 PN_{19}	16.7	X	157.25806	104.82573	184.56896	9.30777	0.1222757	0.20987936	2.8042898	20	—	—
325439 2009 PM_{20}	16.0	X	26.31395	165.30194	168.74275	15.09687	0.0849260	0.18660391	3.0328823	20	11 3.0	20.2
325440 2009 PP_{20}	16.4	X	75.17257	247.71784	170.54135	9.69416	0.1346391	0.21474335	2.7617831	20	1 16.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325441 2009 QK	16.1	X	202.86763	53.26682	176.66645	15.06346	0.0943134	0.20599491	2.8394337	20	—	—
325442 2009 QZ_1	16.0	X	122.29556	152.78451	168.86711	8.19691	0.2229605	0.21038087	2.7998315	20	—	—
325443 2009 QT_3	16.4	X	95.32131	145.73461	184.46652	10.83901	0.1480885	0.20564292	2.8426728	20	—	—
325444 2009 QE_6	15.8	X	322.60212	262.09597	147.26390	12.75603	0.0816536	0.19203047	2.9754726	20	11 7.2	19.8
325445 2009 QG_6	15.3	X	157.52390	18.47497	285.48828	19.95486	0.0980764	0.21102732	2.7941106	20	—	—
325446 2009 QD_{13}	15.9	X	287.29007	204.83345	184.69680	4.01424	0.1660875	0.17186919	3.2038391	20	7 31.2	20.1
325447 2009 QR_{13}	17.0	X	201.27656	74.53851	182.84087	11.47477	0.0790647	0.21261654	2.7801700	20	—	—
325448 2009 QC_{14}	16.5	X	71.32210	176.33230	176.85282	10.79533	0.0854446	0.20202929	2.8764698	20	—	—
325449 2009 QN_{14}	16.8	X	81.49510	171.90178	185.16501	6.17635	0.0984006	0.20528874	2.8459415	20	—	—
325450 2009 QM_{15}	17.0	X	214.55525	137.79540	132.31742	1.27922	0.0932311	0.21906386	2.7253497	20	—	—
325451 2009 QN_{16}	15.9	X	277.91649	252.48602	358.37960	11.33685	0.1694423	0.23304647	2.6152168	20	1 26.7	20.0
325452 2009 QA_{19}	15.4	X	282.31551	253.88558	156.35687	22.08418	0.0398273	0.17835290	3.1257142	20	9 10.2	19.6
325453 2009 QZ_{20}	16.2	X	168.76831	199.62787	150.83038	12.45143	0.1444401	0.23010631	2.6374468	20	2 11.8	20.2
325454 2009 QW_{24}	15.9	X	339.81181	218.38154	169.34666	8.35826	0.0936095	0.18877481	3.0095855	20	11 2.9	19.6
325455 Della Valle	16.2	X	326.41982	323.74492	57.03298	10.39913	0.1197370	0.17616573	3.1515323	20	10 2.9	20.1
325456 2009 QT_{27}	16.8	X	154.66161	165.46515	168.93556	7.15117	0.2913992	0.22226857	2.6990898	20	1 21.9	21.6
325457 2009 QZ_{29}	15.9	X	268.53028	149.23756	262.80238	3.53736	0.1492135	0.17324512	3.1868531	20	8 6.5	20.4
325458 2009 QR_{37}	15.4	X	251.01596	270.61441	161.88697	11.38282	0.0729535	0.17500122	3.1654977	20	8 22.1	19.9
325459 2009 QA_{39}	16.5	X	326.39908	231.64077	198.73722	3.76864	0.0673179	0.19261151	2.9694856	20	12 5.8	20.3
325460 2009 QV_{44}	16.1	X	302.48624	223.39520	179.71839	6.52524	0.1361959	0.18034459	3.1026585	20	9 16.7	20.0
325461 2009 QU_{46}	16.8	X	0.97396	220.53112	85.07213	3.73305	0.1922920	0.26808008	2.3820983	20	9 11.9	18.7
325462 2009 QR_{47}	15.7	X	1.58308	176.72541	170.57223	10.05626	0.0870756	0.18085617	3.0968048	20	10 12.8	19.6
325463 2009 QO_{50}	15.7	X	175.17287	280.66809	32.81827	14.83076	0.0912749	0.21263979	2.7799674	20	1 5.1	20.1
325464 2009 QN_{51}	16.5	X	149.82240	30.31746	261.30608	2.00807	0.1592407	0.21076414	2.7964361	20	—	—
325465 2009 QM_{52}	17.5	X	346.23493	284.45212	4.21063	2.35626	0.1856065	0.25969240	2.4331183	20	7 2.9	19.2
325466 2009 QR_{53}	17.0	X	20.34555	220.28222	48.99657	3.10173	0.1788482	0.26370135	2.4083955	20	8 21.7	19.2
325467 2009 QN_{54}	16.6	X	295.86171	70.95904	344.70262	9.17365	0.1412896	0.18136906	3.0909638	20	9 20.9	20.4
325468 2009 QO_{55}	17.7	X	8.18400	37.06411	223.28886	1.58477	0.1919303	0.25924221	2.4359343	20	7 9.6	19.7
325469 2009 QZ_{56}	15.8	X	347.96183	5.61962	0.99101	11.11829	0.0976182	0.18228875	3.0805586	20	10 13.2	19.7
325470 2009 QO_{57}	16.7	X	162.29602	348.30456	340.34780	4.35274	0.1098177	0.22055514	2.7130508	20	1 9.9	20.8
325471 2009 QR_{59}	16.3	X	205.57496	42.00250	262.03409	12.02393	0.2398187	0.22915981	2.6447040	20	1 19.8	21.1
325472 2009 QX_{59}	16.0	X	353.40260	171.50183	174.01513	9.69412	0.0775978	0.18169642	3.0872500	20	9 26.4	19.9
325473 2009 QM_{61}	16.4	X	188.53080	244.56861	60.27358	4.63119	0.1585963	0.22355121	2.6887558	20	1 8.9	20.8
325474 2009 QP_{62}	17.2	X	21.18617	156.06186	254.55665	0.97325	0.0646182	0.20296439	2.8676281	20	—	—
325475 2009 QS_{62}	17.5	X	14.04364	264.00189	5.68712	6.02578	0.2108640	0.26426198	2.4049881	20	8 15.2	19.5
325476 2009 RY	16.6	X	105.19977	195.60812	190.65923	13.15127	0.1834309	0.21530584	2.7569708	20	1 23.5	20.6
325477 2009 RG_1	16.8	X	333.50760	285.29469	45.34826	8.70169	0.2368549	0.26477908	2.4018558	20	8 16.5	18.4
325478 2009 RK_1	15.3	X	285.20433	189.87331	204.16961	19.14304	0.1380105	0.17251349	3.1958571	20	8 3.2	20.0
325479 2009 RF_2	15.7	X	179.62316	317.78912	37.16176	13.92502	0.2646508	0.22677076	2.6632464	20	3 9.4	20.6
325480 2009 RW_2	16.1	X	208.73182	33.06492	276.36487	13.11086	0.0943172	0.22849009	2.6498694	20	1 27.9	20.3
325481 2009 RK_6	15.6	X	201.74314	199.48579	319.06855	9.79401	0.0551068	0.18796533	3.0182199	20	10 9.9	20.2
325482 2009 RM_6	15.9	X	25.74030	77.80210	325.19255	9.33087	0.0890836	0.20310526	2.8663019	20	—	—
325483 2009 RJ_8	16.4	X	342.40783	101.07192	302.65791	1.00615	0.0901873	0.18770910	3.0209660	20	11 24.6	20.2
325484 2009 RX_8	16.0	X	353.29698	336.21727	1.65391	7.40418	0.0519398	0.17515021	3.1637023	20	9 14.4	20.2
325485 2009 RL_9	16.8	X	55.22023	127.03598	238.23169	1.34180	0.0738709	0.19742754	2.9209956	20	—	—
325486 2009 RN_{11}	16.2	X	21.83406	129.28500	190.00122	5.04822	0.1593029	0.18038107	3.1022402	20	10 14.4	20.0
325487 2009 RP_{12}	17.7	X	18.07521	246.37165	46.57129	1.04997	0.2213186	0.26779218	2.3838053	20	9 30.1	19.8
325488 2009 RF_{13}	16.0	X	281.24591	206.46816	186.81026	11.55099	0.0586246	0.16861605	3.2449159	20	8 10.6	20.6
325489 2009 RJ_{13}	16.4	X	211.96885	264.82832	19.36624	6.89093	0.1073196	0.21935934	2.7229017	20	1 6.0	20.7
325490 2009 RJ_{15}	17.0	X	163.68988	280.20552	21.31562	5.20555	0.0984149	0.21044952	2.7992225	20	—	—
325491 2009 RP_{17}	15.2	X	318.44894	352.84149	16.30371	19.50953	0.1274074	0.17250324	3.1959836	20	9 6.8	19.3
325492 2009 RW_{17}	16.6	X	273.48678	235.62961	22.58236	13.82519	0.1055176	0.22773010	2.6557616	20	2 10.4	20.7
325493 2009 RF_{18}	17.6	X	18.72236	131.25653	156.23939	3.85005	0.2972876	0.26814121	2.3817363	20	10 8.3	19.8
325494 2009 RK_{18}	16.5	X	267.85368	119.41567	173.78661	7.09051	0.1647247	0.23696062	2.5863379	20	3 4.4	20.2
325495 2009 RC_{19}	15.4	X	356.91651	131.38303	215.49372	11.29880	0.1567858	0.17933387	3.1143052	20	10 5.9	19.1
325496 2009 RP_{19}	15.9	X	86.49033	192.03386	192.67124	9.07921	0.1659775	0.21156982	2.7893322	20	—	—
325497 2009 RS_{25}	16.2	X	197.67195	230.21044	58.19451	5.19647	0.0385734	0.21196375	2.7858751	20	—	—
325498 2009 RK_{28}	16.7	X	128.94268	356.60304	340.10713	3.67471	0.2033056	0.21206293	2.7850065	20	—	—
325499 2009 RL_{30}	16.1	X	209.27891	62.21865	205.99906	8.76122	0.0956958	0.21404772	2.7677635	20	—	—
325500 2009 RX_{34}	15.9	X	90.07432	250.38545	25.14411	10.20452	0.0657048	0.18146236	3.0899042	20	11 1.1	20.4
325501 2009 RP_{35}	15.8	X	117.50835	226.05142	28.49420	16.99061	0.0678935	0.18244629	3.0787850	20	11 4.9	20.5
325502 2009 RK_{43}	15.8	X	30.48998	348.70386	349.18698	9.15112	0.1444608	0.18558526	3.0439703	20	11 15.0	20.0
325503 2009 RO_{43}	16.2	X	341.46322	45.93787	341.46944	6.96284	0.1369536	0.18282854	3.0744921	20	10 30.9	19.8
325504 2009 RC_{50}	17.5	X	16.70492	290.27492	13.22307	4.88476	0.2895442	0.27025143	2.3693218	20	10 25.1	19.9
325505 2009 RM_{50}	15.0	X	306.42239	20.61710	16.66237	21.88452	0.1216166	0.17425786	3.1744936	20	9 22.6	19.1
325506 2009 RC_{51}	15.3	X	277.84616	225.77434	196.83436	15.57804	0.0571751	0.17291542	3.1909027	20	9 13.3	19.8
325507 2009 RZ_{51}	15.7	X	128.45177	67.26351	192.60634	10.96884	0.0266379	0.18724747	3.0259290	20	11 25.9	20.2
325508 2009 RB_{52}	16.8	X	267.31655	96.81434	190.12307	12.46183	0.1404908	0.23358607	2.6111877	20	2 26.0	20.8
325509 2009 RA_{53}	15.9	X	288.17366	1.93270	36.35217	6.08052	0.1488123	0.16906081	3.2392222	20	8 19.1	20.2
325510 2009 RD_{53}	15.5	X	18.45792	168.17438	188.66643	9.49571	0.0960367	0.18410757	3.0602362	20	11 19.6	19.6
325511 2009 RF_{55}	16.2	X	335.85060	177.49094	177.18940	4.48644	0.1203440	0.17251755	3.1958069	20	9 7.9	20.1
325512 2009 RG_{56}	16.3	X	109.12265	64.38669	196.00645	18.08505	0.0487727	0.18148783	3.0896151	20	11 5.5	20.9
325513 2009 RO_{56}	16.7	X	106.57775	169.90535	149.66200	3.77025	0.0848094	0.19724693	2.9227784	20	—	—
325514 2009 RH_{57}	16.0	X	346.56289	170.18605	192.68632	14.98060	0.0043714	0.17485366	3.1672783	20	10 4.6	20.4
325515 2009 RS_{59}	15.7	X	352.29511	49.90630	337.34522	14.57566	0.1286061	0.18750535	3.0231540	20	11 16.5	19.7
325516 2009 RF_{60}	16.9	X	213.41029	102.66916	219.80215	10.45470	0.2983522	0.23275386	2.6174082	20	2 13.5	21.9
325517 2009 RT_{61}	16.2	X	142.25310	21.31128	299.35731	8.62730	0.2275926	0.21463607	2.7627033	20	—	—
325518 2009 RY_{61}	16.6	X	148.66936	154.29919	165.92065	8.16112	0.2126477	0.21513172	2.7584583	20	—	—
325519 2009 RF_{63}	15.0	X	286.43594	9.43283	7.74900	28.07059	0.1711838	0.17252818	3.1956757	20	7 25.9	19.9
325520 2009 RH_{65}	16.9	X	263.95299	118.07477	150.14648	2.12772	0.1281974	0.22651420	2.6652570	20	2 3.8	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325521 2009 RX_{66}	15.9	X	180.95809	345.66428	185.18910	9.81768	0.0247980	0.18101605	3.0949810	20	10 7.8	20.4
325522 2009 RN_{68}	15.4	X	96.17839	241.87191	21.16522	22.40616	0.0742447	0.18058042	3.0999566	20	10 23.1	20.0
325523 2009 RN_{69}	15.9	X	10.98091	137.78514	212.27024	8.81500	0.1784691	0.18312337	3.0711913	20	11 9.3	19.4
325524 2009 RY_{71}	16.1	X	204.66293	305.06224	198.33484	9.65977	0.0595697	0.17409643	3.1764557	20	9 26.1	20.9
325525 2009 RG_{72}	15.8	X	190.20462	342.73941	196.74880	17.53492	0.1554616	0.17818885	3.1276324	20	10 19.9	20.7
325526 2009 RJ_{74}	16.4	X	136.35776	0.10051	0.13881	13.83880	0.2569622	0.22252163	2.6970432	20	2 9.2	20.9
325527 2009 SE_{10}	16.2	X	210.30370	292.78268	197.93801	9.18267	0.0267332	0.18023101	3.1039619	20	9 20.8	20.6
325528 2009 SM_{12}	17.0	X	143.35387	142.89329	183.92149	1.90586	0.0808202	0.21386855	2.7693091	20	—	—
325529 2009 SL_{16}	17.4	X	29.92512	101.41781	179.07346	8.99226	0.2182163	0.27122298	2.3636603	20	10 2.4	19.8
325530 2009 SN_{19}	15.5	X	344.62482	209.80048	162.81310	10.10122	0.0870434	0.18134554	3.0912310	20	10 20.5	19.4
325531 2009 SY_{19}	17.2	X	350.87403	286.74828	359.01253	4.07299	0.1860360	0.26148431	2.4219897	20	7 10.7	19.0
325532 2009 SZ_{19}	16.1	X	315.44093	257.14870	170.85671	8.92006	0.0715716	0.19046855	2.9917172	20	11 18.0	20.0
325533 2009 ST_{38}	16.7	X	226.71714	318.12206	8.34711	5.37184	0.1402719	0.23249244	2.6193699	20	3 8.7	20.8
325534 2009 SW_{40}	16.5	X	30.21510	316.82427	20.56909	7.67573	0.0364324	0.18148981	3.0895926	20	10 31.3	20.7
325535 2009 SD_{43}	15.7	X	39.25315	305.12161	31.19765	11.04854	0.0492575	0.18189748	3.0849747	20	11 11.8	20.0
325536 2009 SX_{46}	15.9	X	103.55955	44.53925	223.98326	7.26601	0.0470408	0.18277287	3.0751164	20	11 7.5	20.2
325537 2009 SG_{49}	16.0	X	216.69146	335.66168	352.23594	14.38468	0.0980629	0.22830867	2.6512730	20	3 3.3	19.9
325538 2009 SF_{50}	17.1	X	126.32898	266.58785	28.79558	2.11971	0.0396065	0.20126946	2.8837047	20	—	—
325539 2009 SZ_{56}	15.5	X	322.76073	187.07298	217.14335	16.02866	0.1701469	0.18009557	3.1055178	20	10 20.2	18.9
325540 2009 SE_{57}	15.9	X	61.56558	62.34444	258.31423	5.41945	0.1337443	0.18837061	3.0138892	20	12 4.2	20.3
325541 2009 SG_{58}	15.9	X	68.51691	89.23713	227.86964	9.47849	0.0897294	0.18796740	3.0181978	20	12 2.5	20.3
325542 2009 SE_{60}	16.1	X	112.66284	19.05846	234.03048	7.71936	0.0180547	0.18178317	3.0862677	20	10 26.5	20.6
325543 2009 SP_{63}	16.5	X	85.57220	168.61447	178.50108	2.37472	0.0592824	0.20485118	2.8499926	20	—	—
325544 2009 SN_{70}	16.0	X	120.27556	86.29309	173.49800	8.71090	0.0432080	0.18398510	3.0615941	20	11 17.4	20.6
325545 2009 SZ_{70}	15.3	X	348.00269	201.09670	174.81649	9.97440	0.0886202	0.17949863	3.1123991	20	10 29.0	19.3
325546 2009 SG_{71}	17.1	X	190.36780	64.85323	200.20425	4.42243	0.1106636	0.21134733	2.7912894	20	—	—
325547 2009 SG_{72}	15.8	X	79.31442	272.72825	355.03184	8.98732	0.0171710	0.18115625	3.0933840	20	10 3.5	20.2
325548 2009 SQ_{74}	16.4	X	39.52549	282.97894	69.17170	6.59637	0.0383560	0.18749962	3.0232156	20	12 2.8	20.6
325549 2009 SG_{75}	16.3	X	255.98019	191.53484	54.29142	9.96868	0.0848023	0.21667771	2.7453216	20	1 5.3	20.4
325550 2009 SN_{75}	15.8	X	334.68997	330.20410	51.42903	10.23555	0.0741691	0.17791290	3.1308656	20	10 16.5	19.9
325551 2009 SM_{78}	16.6	X	221.23452	307.42922	351.11020	16.81026	0.2313258	0.22946890	2.6423286	20	2 1.8	21.4
325552 2009 SJ_{80}	16.8	X	73.33699	10.18557	333.46762	1.35156	0.1120802	0.20151235	2.8813871	20	—	—
325553 2009 SZ_{81}	16.8	X	114.67126	254.01791	11.58815	0.84495	0.0254410	0.19146770	2.9813002	20	11 16.3	21.1
325554 2009 SO_{83}	16.8	X	64.24539	185.86458	163.70856	6.15462	0.0784901	0.20023739	2.8936051	20	—	—
325555 2009 SH_{85}	16.6	X	242.67475	275.10290	355.20771	9.24840	0.1412755	0.22912757	2.6449521	20	1 17.6	20.9
325556 2009 SP_{90}	15.6	X	240.77201	182.83250	336.56514	10.85769	0.0675865	0.19299192	2.9655821	20	11 27.3	19.9
325557 2009 SK_{101}	16.8	X	125.26728	328.81724	11.10345	6.38911	0.0580746	0.21384095	2.7695474	20	—	—
325558 Guyane	15.7	X	262.72197	275.04401	178.47704	13.90963	0.0705243	0.17678954	3.1441144	20	10 4.6	20.0
325559 2009 SQ_{102}	16.7	X	270.92586	151.73970	343.51054	0.81225	0.0680018	0.19575365	2.9376235	20	12 9.2	20.4
325560 2009 SY_{104}	15.8	X	51.35568	213.69762	76.08822	6.20567	0.1297429	0.17936843	3.1139051	20	10 16.2	20.1
325561 2009 SC_{107}	16.3	X	58.98791	284.58146	85.40923	3.18865	0.0821890	0.19986417	2.8972062	20	—	—
325562 2009 SK_{107}	17.0	X	352.78036	91.46345	199.63740	13.90232	0.1601586	0.25756076	2.4465246	20	7 18.5	19.6
325563 2009 SQ_{110}	15.2	X	3.85359	333.08619	2.98472	16.82796	0.2292518	0.17796592	3.1302437	20	10 9.8	18.5
325564 2009 ST_{111}	16.8	X	178.01634	68.63417	248.65365	4.53795	0.1313482	0.21972346	2.7198926	20	1 12.2	21.0
325565 2009 SB_{114}	15.5	X	353.01604	138.90860	209.74714	10.06810	0.1058094	0.17872039	3.1214280	20	9 28.2	19.3
325566 2009 SS_{117}	16.1	X	27.03512	353.66684	350.93286	9.32730	0.1480504	0.18620029	3.0372635	20	11 19.5	20.2
325567 2009 SY_{121}	16.6	X	240.55818	49.19843	200.83772	12.23898	0.0685665	0.21646428	2.7471259	20	—	—
325568 2009 SR_{124}	16.9	X	268.38252	346.57086	315.71691	3.87779	0.2395749	0.24127730	2.5553971	20	3 7.4	20.9
325569 2009 SR_{126}	15.5	X	313.23005	52.42817	357.71569	10.51871	0.0823871	0.18044993	3.1014508	20	10 15.1	19.6
325570 2009 SZ_{126}	16.0	X	195.24682	86.44795	217.99674	8.23286	0.0907921	0.21897600	2.7260786	20	1 11.1	20.3
325571 2009 SF_{127}	15.6	X	348.54322	41.84016	340.63370	5.31544	0.1109806	0.18326580	3.0695998	20	11 5.0	19.5
325572 2009 SO_{130}	17.6	X	236.35779	134.43523	163.32836	4.37292	0.2279253	0.23094954	2.6310231	20	2 6.4	22.1
325573 2009 SX_{130}	16.3	X	289.82853	278.98868	185.42563	9.60401	0.0311358	0.18725215	3.0258786	20	11 29.3	20.5
325574 2009 SL_{131}	15.6	X	202.40403	351.84295	187.07420	10.80013	0.0141734	0.18438547	3.0571606	20	11 14.6	19.9
325575 2009 SQ_{132}	16.6	X	11.25233	272.54181	93.47982	3.50694	0.0715235	0.18493709	3.0510784	20	11 17.5	20.5
325576 2009 SV_{135}	16.5	X	62.25844	351.22824	328.05793	1.81882	0.1076524	0.18690202	3.0296564	20	11 29.4	20.8
325577 2009 SY_{135}	15.2	X	306.50040	35.58762	16.70086	15.82067	0.1107549	0.17704467	3.1410931	20	10 7.9	19.2
325578 2009 SV_{136}	16.1	X	292.86289	159.55740	252.05437	1.70355	0.0775879	0.17345759	3.1842502	20	9 18.7	20.2
325579 2009 SX_{136}	16.3	X	218.83377	332.92262	212.15925	8.05669	0.0127276	0.18917365	3.0053539	20	12 11.3	20.6
325580 2009 SE_{137}	16.1	X	237.93364	247.88782	20.73999	12.85566	0.2435194	0.22221492	2.6995243	20	1 7.6	21.0
325581 2009 SK_{137}	16.2	X	322.40338	348.76196	22.38935	9.13941	0.0626720	0.17150314	3.2083962	20	9 14.4	20.4
325582 2009 SC_{139}	15.6	X	335.04622	230.96357	172.27045	11.18206	0.0984813	0.18585804	3.0409911	20	11 15.2	19.5
325583 2009 SH_{140}	15.4	X	239.09981	243.71167	209.05487	14.70033	0.1826028	0.17033794	3.2230111	20	8 15.5	20.6
325584 2009 SW_{140}	16.1	X	130.52363	44.59848	224.79914	7.75284	0.0414436	0.19284576	2.9670804	20	12 10.2	20.4
325585 2009 SH_{143}	15.4	X	322.60634	354.18825	13.95269	14.30187	0.1179293	0.17605771	3.1528212	20	9 9.8	19.3
325586 2009 SL_{144}	16.6	X	252.58724	51.79560	169.04914	6.51466	0.1244738	0.21606129	2.7505407	20	—	—
325587 2009 SB_{145}	17.2	X	6.70432	252.39671	38.64098	2.61002	0.1693555	0.26504207	2.4002667	20	8 26.8	19.3
325588 Bridzius	15.7	X	305.41291	110.46717	289.03150	5.95017	0.1382449	0.17564029	3.1578145	20	9 12.7	19.7
325589 2009 SG_{150}	15.2	X	291.12325	66.71805	349.64660	9.17399	0.2136080	0.17557767	3.1585654	20	9 5.1	19.1
325590 2009 SQ_{154}	16.8	X	7.52441	321.12880	41.77514	2.61317	0.0990657	0.18459633	3.0548320	20	11 10.4	20.6
325591 2009 SV_{156}	16.4	X	221.71664	41.42821	81.00050	1.98972	0.1418772	0.17435770	3.1732817	20	9 13.1	21.2
325592 2009 SV_{157}	16.8	X	251.77045	259.05750	351.93923	1.40980	0.1841339	0.21945637	2.7220990	20	—	—
325593 2009 SB_{158}	15.8	X	215.83036	344.25919	202.20643	9.12899	0.0890196	0.18632949	3.0358594	20	11 29.9	20.3
325594 2009 SD_{158}	16.1	X	231.83462	323.50409	225.73542	10.28256	0.0563853	0.19382091	2.9571201	20	12 26.0	20.4
325595 2009 SB_{159}	16.0	X	245.90724	36.01490	221.13271	13.91220	0.1492969	0.21821584	2.7324058	20	1 1.8	20.6
325596 2009 SV_{160}	16.4	X	94.35423	318.11731	332.28624	2.24541	0.0658074	0.18627791	3.0364197	20	11 25.3	20.9
325597 2009 SM_{162}	16.5	X	352.83092	59.82829	345.62505	11.62333	0.0520168	0.19591060	2.9360543	20	12 10.3	20.6
325598 2009 SM_{166}	15.1	X	241.03394	302.70023	203.78672	15.99579	0.0768913	0.18206709	3.0830584	20	11 12.0	19.5
325599 2009 SD_{179}	15.6	X	299.68913	249.35969	160.02985	16.82089	0.0871618	0.18071024	3.0984718	20	9 29.2	19.7
325600 2009 SB_{185}	16.7	X	214.57112	341.69751	279.69917	4.00600	0.1164008	0.21224197	2.7834401	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325601 2009 SR_{185}	15.9	X	75.70454	73.37223	221.69647	8.59965	0.1346799	0.18590554	3.0404731	20	11 19.2	20.3
325602 2009 SC_{191}	15.2	X	27.76208	347.87794	343.33025	7.85606	0.0625805	0.18312241	3.0712020	20	10 22.2	19.4
325603 2009 SB_{198}	15.9	X	14.60804	36.12682	354.16531	10.37404	0.0674371	0.19149202	2.9810477	20	12 22.7	20.1
325604 2009 SJ_{204}	15.6	X	194.32432	255.35165	209.02593	20.73972	0.1112936	0.15890280	3.3758386	20	7 20.8	21.2
325605 2009 SA_{210}	15.3	X	3.83406	154.45887	197.28303	9.35825	0.0380364	0.18011096	3.1053409	20	10 16.1	19.5
325606 2009 SN_{213}	15.4	X	231.13267	29.20801	261.62511	14.82407	0.1684293	0.22779359	2.6552681	20	1 24.1	19.9
325607 2009 ST_{214}	15.7	X	281.89014	242.77482	190.53141	10.67939	0.0669711	0.17634672	3.1493756	20	10 3.8	19.9
325608 2009 SC_{216}	15.3	X	185.60812	166.32327	12.66079	9.89930	0.0455852	0.18331269	3.0690763	20	10 20.0	19.7
325609 2009 SU_{216}	16.7	X	147.16939	314.23017	12.14109	4.18667	0.0795135	0.21337350	2.7735908	20	—	—
325610 2009 SE_{217}	16.6	X	143.54624	288.78212	31.47116	2.68804	0.1978019	0.21303864	2.7764965	20	—	—
325611 2009 SG_{230}	15.8	X	334.65334	314.46433	66.68528	8.38213	0.1593803	0.18034942	3.1026031	20	10 16.6	19.3
325612 2009 SN_{231}	17.0	X	224.19399	329.46906	351.82718	7.55012	0.1964442	0.23460293	2.6036369	20	2 26.9	21.3
325613 2009 SL_{232}	15.3	X	331.20842	319.94753	44.08043	9.83549	0.0863471	0.17740235	3.1368696	20	9 19.9	19.3
325614 2009 SQ_{232}	15.8	X	331.25697	347.13024	78.45221	4.94737	0.1039410	0.19047792	2.9916190	20	12 6.7	19.5
325615 2009 SL_{234}	15.1	X	318.50374	293.82835	86.59494	9.61351	0.0772051	0.17422543	3.1748875	20	9 22.3	19.3
325616 2009 SO_{235}	16.7	X	247.40890	53.46109	266.68142	2.62754	0.1766361	0.23760772	2.5816400	20	3 15.3	20.7
325617 2009 SZ_{237}	15.6	X	316.92295	293.91492	94.71587	9.19326	0.1408392	0.17745816	3.1362119	20	9 26.1	19.5
325618 2009 SX_{239}	15.3	X	336.61138	234.31740	129.15159	17.39482	0.2187470	0.17788198	3.1312283	20	9 27.7	18.7
325619 2009 SB_{240}	15.9	X	118.60350	264.24122	69.46712	13.47244	0.1852781	0.20961042	2.8066880	20	—	—
325620 2009 SV_{242}	16.7	X	9.01977	73.37962	244.11683	7.75118	0.2977145	0.27069794	2.3667157	20	11 2.8	18.9
325621 2009 SM_{250}	16.8	X	215.73390	226.58818	55.34577	4.05101	0.0602695	0.21512225	2.7585392	20	1 7.5	20.9
325622 2009 SH_{254}	16.5	X	245.83508	295.35465	11.20743	12.44827	0.2701926	0.23649240	2.5897505	20	2 26.3	21.1
325623 2009 SM_{256}	16.2	X	172.88875	302.25973	190.14909	7.48024	0.0226499	0.16934634	3.2355803	20	8 7.4	21.0
325624 2009 SZ_{263}	16.0	X	203.62898	275.23339	29.01847	13.57817	0.1127841	0.22252633	2.6970052	20	1 24.7	20.4
325625 2009 SN_{267}	15.3	X	43.47862	121.92060	226.05521	8.18817	0.1071741	0.18711543	3.0273524	20	12 12.2	19.5
325626 2009 SF_{270}	16.8	X	142.17056	181.82468	162.35945	4.47485	0.1100472	0.21473358	2.7618668	20	1 7.2	20.8
325627 2009 SO_{270}	16.2	X	159.34635	189.40580	25.21355	12.75815	0.0041039	0.18633325	3.0358185	20	11 3.7	20.5
325628 2009 SA_{273}	15.7	X	270.76892	183.11897	237.67102	4.77249	0.1290941	0.17250287	3.1959882	20	8 22.3	20.2
325629 2009 SL_{274}	16.5	X	216.26082	253.71499	19.57840	8.49237	0.0847819	0.21734774	2.7396766	20	—	—
325630 2009 SY_{278}	15.8	X	137.23995	60.60515	136.95989	3.23853	0.0358863	0.17440336	3.1727278	20	9 19.4	20.3
325631 2009 SP_{279}	16.0	X	140.44744	183.82632	95.87092	3.97169	0.0412074	0.19707625	2.9244656	20	—	—
325632 2009 SK_{282}	16.2	X	57.19219	226.51758	144.10037	5.62875	0.1125913	0.19862677	2.9092265	20	—	—
325633 2009 SU_{283}	16.9	X	293.18474	140.43140	131.02827	5.15168	0.0827139	0.23545749	2.5973335	20	3 20.2	20.4
325634 2009 SW_{283}	16.3	X	38.73974	186.94088	154.75144	6.93625	0.0377203	0.18626939	3.0365124	20	11 20.6	20.5
325635 2009 SB_{287}	16.2	X	195.06632	218.16910	332.27892	6.65270	0.0613107	0.18526563	3.0474702	20	11 11.5	20.8
325636 2009 SU_{296}	16.3	X	329.42940	45.76204	28.67228	11.69782	0.0662344	0.19151556	2.9808035	20	12 13.1	20.3
325637 2009 SX_{297}	16.8	X	92.76694	277.48179	58.48122	6.51061	0.1118258	0.20049034	2.8911708	20	—	—
325638 2009 SE_{299}	15.6	X	30.08584	48.19805	264.91760	7.86432	0.0781991	0.17847220	3.1243212	20	10 3.0	19.9
325639 2009 SE_{307}	16.2	X	179.41809	34.76537	176.70830	11.07452	0.0881103	0.18839033	3.0136789	20	11 22.8	20.9
325640 2009 SO_{307}	17.7	X	258.35578	268.19118	31.54418	10.78426	0.2280800	0.23798319	2.5789239	20	3 2.7	22.0
325641 2009 SW_{307}	13.8	X	204.10878	203.10685	309.08649	5.57296	0.0575280	0.08393957	5.1660453	20	9 23.3	20.9
325642 2009 SY_{315}	15.7	X	316.53546	230.72510	160.32043	11.28201	0.0706987	0.17982820	3.1085953	20	10 1.2	19.7
325643 2009 SA_{318}	16.3	X	337.55434	182.33596	186.20139	10.34547	0.0549328	0.17858752	3.1229760	20	10 1.2	20.3
325644 2009 SJ_{321}	16.4	X	228.50317	70.21581	70.75506	3.36148	0.0225494	0.17881985	3.1202704	20	10 27.8	20.9
325645 2009 SR_{323}	15.1	X	49.80532	43.51420	87.17030	1.18903	0.1761357	0.12698524	3.9201307	20	3 29.4	20.0
325646 2009 SL_{324}	16.2	X	61.18904	249.86311	100.83938	3.65620	0.0266865	0.19607234	2.9344395	20	12 27.8	20.1
325647 2009 SL_{326}	16.5	X	354.85734	300.43355	66.89832	8.16191	0.1593989	0.18045897	3.1013473	20	11 2.7	20.0
325648 2009 SM_{328}	16.6	X	169.90141	5.13972	340.78848	11.52286	0.2065702	0.22193944	2.7017577	20	2 13.9	21.1
325649 2009 SL_{330}	15.8	X	228.88119	20.82394	295.95114	11.83695	0.2347430	0.23181668	2.6244578	20	2 19.2	20.5
325650 2009 ST_{330}	15.8	X	106.81275	281.65703	26.39146	12.43430	0.0566042	0.20110798	2.8852482	20	—	—
325651 2009 SV_{330}	16.6	X	37.03830	243.01362	52.83600	7.18043	0.1464311	0.27349490	2.3505521	20	10 24.1	19.4
325652 2009 SM_{332}	16.8	X	248.85806	332.48322	338.87489	11.44258	0.2805076	0.23943485	2.5684896	20	2 28.9	21.3
325653 2009 SN_{334}	15.2	X	38.59054	6.19210	325.89531	14.02012	0.1038719	0.18588405	3.0407074	20	11 10.7	19.6
325654 2009 SM_{335}	16.6	X	238.29008	298.71853	170.91790	2.66248	0.0250374	0.17751483	3.1355445	20	9 30.1	20.9
325655 2009 SB_{337}	15.4	X	23.61787	229.02256	130.10703	15.06503	0.1064570	0.19166353	2.9792690	20	12 4.5	19.6
325656 2009 SX_{341}	16.6	X	276.89236	266.06018	24.80931	12.83640	0.1580421	0.23996839	2.5646810	20	3 16.9	20.3
325657 2009 SA_{342}	16.2	X	272.87082	27.37075	210.93149	12.70046	0.1196245	0.22013521	2.7165000	20	1 7.5	20.5
325658 2009 SN_{345}	15.6	X	145.49813	35.01759	184.07046	10.61192	0.0691197	0.18585536	3.0410203	20	10 27.9	20.3
325659 2009 SR_{351}	15.6	X	129.26847	220.76665	23.60092	10.16957	0.0758172	0.18103186	3.0948009	20	11 6.2	20.4
325660 2009 SW_{353}	16.2	X	95.62979	53.01285	215.96545	9.79013	0.0729826	0.18013490	3.1050658	20	11 1.4	20.7
325661 2009 SD_{354}	15.6	X	167.33491	123.16160	39.11162	9.55193	0.0670025	0.17059463	3.2197772	20	9 13.1	20.5
325662 2009 SQ_{356}	16.8	X	131.82274	315.45032	16.40522	3.73149	0.0949398	0.21274620	2.7790403	20	—	—
325663 2009 SS_{358}	15.8	X	359.08834	118.44181	250.49187	10.21422	0.1626196	0.18310380	3.0714101	20	11 10.3	19.3
325664 2009 SC_{360}	14.9	X	334.52851	117.70175	238.03397	12.41878	0.0368926	0.17110429	3.2133802	20	9 3.8	19.5
325665 2009 SJ_{360}	15.7	X	17.71670	290.73080	46.46056	9.37581	0.0970838	0.18147613	3.0897478	20	10 24.4	19.7
325666 2009 SN_{360}	14.9	X	328.38321	310.03255	58.78853	29.98628	0.2524177	0.17401264	3.1774753	20	9 29.9	18.8
325667 2009 SS_{363}	16.6	X	104.40738	333.84800	354.01876	8.13016	0.0615197	0.19987717	2.8970807	20	—	—
325668 2009 SF_{364}	15.6	X	137.56821	61.54430	126.91524	5.49402	0.0852351	0.17014872	3.2254000	20	9 11.3	20.5
325669 2009 TF	16.1	X	110.53367	111.55564	174.67930	10.25004	0.0537642	0.19029047	2.9935833	20	12 9.3	20.7
325670 2009 TP_{2}	15.8	X	167.15277	299.58114	15.85236	14.33552	0.0599285	0.21597528	2.7512709	20	—	—
325671 2009 TU_{2}	16.7	X	176.75260	178.34180	154.18857	10.28571	0.1101170	0.22459823	2.6803931	20	1 27.0	20.9
325672 2009 TY_{4}	16.2	X	330.31607	170.53472	208.51005	12.23992	0.2176639	0.17758058	3.1347704	20	9 26.7	19.5
325673 2009 TO_{5}	15.5	X	270.28287	14.43467	212.96902	13.26032	0.1390836	0.21341970	2.7731905	20	—	—
325674 2009 TQ_{6}	15.5	X	266.70510	227.05171	216.97230	10.76228	0.0518180	0.17576105	3.1563680	20	9 26.8	20.1
325675 2009 TZ_{8}	15.1	X	354.17151	288.03727	41.40726	17.46401	0.1482284	0.17109417	3.2135069	20	9 17.1	19.1
325676 2009 TL_{13}	16.3	X	244.44692	256.15727	10.05411	8.24339	0.1040716	0.22118589	2.7078905	20	1 17.4	20.5
325677 2009 TB_{16}	15.4	X	47.18825	6.89741	312.22633	9.08842	0.0539257	0.18097902	3.0954033	20	10 29.9	19.8
325678 2009 TS_{17}	15.2	X	5.85619	284.48150	84.42176	12.69042	0.0883833	0.18299975	3.0725743	20	11 17.0	19.2
325679 2009 TH_{27}	13.4	X	305.31671	5.78388	53.28718	25.49910	0.0482837	0.08533079	5.1097408	20	10 15.0	20.2
325680 2009 TQ_{33}	15.9	X	306.79096	305.94349	82.28996	6.87737	0.1734829	0.17326781	3.1865748	20	9 1.9	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325681 2009 TX_{37}	15.9	X	293.16017	67.89987	9.16495	9.13804	0.0780274	0.17893429	3.1189398	20	10 21.3	20.0
325682 2009 TE_{38}	15.3	X	202.53259	248.03807	247.93957	9.02927	0.0424302	0.16913008	3.2383377	20	9 12.1	20.2
325683 2009 TQ_{38}	16.1	X	35.17850	46.53357	295.52622	8.42478	0.1327912	0.18751969	3.0229999	20	11 27.2	20.2
325684 2009 TL_{39}	15.5	X	49.28814	190.02030	166.94974	16.08970	0.1091345	0.19048863	2.9915069	20	12 30.7	20.0
325685 2009 TV_{40}	15.8	X	332.93447	278.46964	126.50208	11.91593	0.0981784	0.18184288	3.0855921	20	11 14.8	19.8
325686 2009 TN_{41}	15.8	X	15.92095	107.57102	248.75628	8.94509	0.1146265	0.18406506	3.0607074	20	11 15.6	19.8
325687 2009 TJ_{45}	15.4	X	292.23118	110.26302	276.86101	8.46125	0.0518891	0.17189318	3.2035410	20	8 18.0	20.0
325688 2009 TP_{46}	15.6	X	319.38898	349.08026	34.54046	10.33743	0.0874251	0.17704215	3.1411230	20	9 26.0	19.6
325689 2009 UX_{5}	15.8	X	348.06133	257.24847	92.33661	6.22878	0.1500926	0.17334604	3.1856161	20	9 27.1	19.5
325690 2009 UN_{13}	15.5	X	254.41824	32.27612	293.85539	2.70658	0.0343111	0.13914951	3.6882040	20	4 20.2	20.9
325691 2009 UP_{15}	15.7	X	324.78379	122.40848	289.60760	8.37740	0.0882998	0.18323331	3.0699627	20	11 4.4	19.7
325692 2009 UL_{16}	16.1	X	342.81772	42.17803	321.53912	11.14449	0.1867034	0.17856668	3.1232190	20	9 29.1	19.6
325693 2009 UB_{20}	15.0	X	335.60991	273.28637	87.11566	22.25988	0.3445653	0.17500753	3.1654216	20	9 24.1	18.0
325694 2009 UA_{22}	16.7	X	121.48620	200.23298	163.34533	9.67352	0.0707448	0.21150199	2.7899285	20	1 2.4	20.7
325695 2009 UF_{23}	13.4	X	282.46030	22.31496	39.61536	7.86459	0.0818912	0.08132884	5.2760188	20	9 9.1	20.3
325696 2009 UA_{34}	15.8	X	152.40992	203.19764	49.53371	9.96892	0.0938692	0.18589945	3.0405395	20	12 10.9	20.5
325697 2009 UZ_{35}	15.7	X	133.67128	216.50767	50.14942	8.43747	0.0399220	0.18743897	3.0238677	20	12 8.3	20.1
325698 2009 UP_{39}	15.7	X	70.38669	116.97399	215.99042	8.33392	0.1392468	0.18860422	3.0114000	20	12 28.1	20.3
325699 2009 UA_{47}	16.3	X	259.60598	255.28412	48.24258	13.51503	0.2290639	0.23245651	2.6196398	20	3 10.9	20.7
325700 2009 UT_{51}	15.1	X	61.63314	89.83149	38.37268	7.63295	0.2314073	0.12496081	3.9623560	20	4 20.6	20.3
325701 2009 UG_{52}	15.8	X	207.10884	262.86582	36.39772	11.59131	0.0877685	0.21634966	2.7480960	20	1 21.6	20.2
325702 2009 UE_{56}	15.6	X	205.93189	151.76734	36.49452	9.91861	0.0306804	0.18329135	3.0693145	20	11 24.7	20.1
325703 2009 UL_{57}	15.6	X	172.90880	353.55555	229.20260	13.38910	0.0695103	0.18432938	3.0577808	20	11 28.1	20.1
325704 2009 UZ_{68}	17.3	X	42.14877	270.72694	7.42241	8.72066	0.2106230	0.27334118	2.3514334	20	10 13.7	20.2
325705 2009 UB_{72}	15.5	X	244.17571	176.10261	234.29164	5.49439	0.0995478	0.15660236	3.4088183	20	7 12.3	20.5
325706 2009 UR_{73}	16.7	X	227.86201	278.64722	33.76859	6.33240	0.1174883	0.22715945	2.6602075	20	2 25.0	20.8
325707 2009 UN_{81}	17.1	X	136.34542	303.71389	9.65598	2.36970	0.1478729	0.20359375	2.8617153	20	—	—
325708 2009 UX_{89}	16.5	X	46.47645	74.94694	255.04589	7.68046	0.1041780	0.18336822	3.0684567	20	11 22.4	20.7
325709 2009 UF_{90}	15.9	X	45.15901	189.12076	203.71645	11.14380	0.1158578	0.19702860	2.9249372	20	—	—
325710 2009 UL_{90}	15.4	X	351.13013	255.86384	148.61987	11.98229	0.1124133	0.19029356	2.9935510	20	12 12.9	19.3
325711 2009 UY_{92}	15.8	X	231.69559	37.47897	227.82376	13.99879	0.1242412	0.21360770	2.7715631	20	—	—
325712 2009 UK_{96}	16.3	X	10.66150	208.62708	156.64382	2.20177	0.0802349	0.18155847	3.0888136	20	11 15.9	20.4
325713 2009 UO_{96}	16.7	X	189.05369	256.83843	73.51566	3.52788	0.1294013	0.22111216	2.7084925	20	2 8.6	21.0
325714 2009 UQ_{99}	15.9	X	136.11779	70.62060	215.59347	11.12017	0.0943824	0.19252704	2.9703541	20	—	—
325715 2009 UG_{102}	15.2	X	72.58368	15.17610	83.20252	4.41379	0.1832958	0.12498202	3.9619078	20	3 25.6	20.5
325716 2009 UZ_{102}	15.2	X	210.50103	293.19524	31.65778	17.62261	0.3419638	0.22797765	2.6538388	20	2 26.5	20.5
325717 2009 UA_{104}	15.9	X	1.19800	173.35321	192.19671	11.19557	0.0510313	0.18045354	3.1014095	20	10 31.9	20.0
325718 2009 UL_{116}	15.7	X	43.94402	327.16628	12.80170	10.79369	0.0891252	0.18498615	3.0505390	20	11 27.5	20.0
325719 2009 UU_{119}	16.3	X	164.72366	284.58305	32.31166	5.90894	0.0911193	0.21353904	2.7721572	20	—	—
325720 2009 UV_{119}	16.6	X	341.07571	327.34780	34.68049	5.06854	0.1190200	0.17656979	3.1467226	20	9 29.4	20.2
325721 2009 UT_{133}	16.0	X	186.18448	48.33170	44.62193	10.46580	0.0779297	0.15377299	3.4505051	20	7 5.2	21.4
325722 2009 UQ_{134}	16.2	X	21.33120	152.80285	205.55544	4.64255	0.1633238	0.18287965	3.0739193	20	12 3.3	20.1
325723 2009 UH_{140}	15.8	X	31.88480	332.00167	70.15484	13.31555	0.0832639	0.19461432	2.9490775	20	—	—
325724 2009 UC_{141}	15.2	X	169.97993	340.01903	198.05069	16.31422	0.0338464	0.17209244	3.2010676	20	9 30.7	19.8
325725 2009 UG_{141}	15.7	X	73.32815	358.18053	356.09337	8.89932	0.0722965	0.19322475	2.9631995	20	—	—
325726 2009 UM_{151}	15.8	X	58.51776	107.79423	240.79713	7.99455	0.1347547	0.19183840	2.9774583	20	—	—
325727 2009 UN_{155}	16.2	X	212.32365	173.01629	98.64797	4.95125	0.0597932	0.21393926	2.7686989	20	—	—
325728 2009 VS_{18}	16.4	X	61.26210	14.35783	318.01776	2.18064	0.1205552	0.18555063	3.0443489	20	12 15.5	20.9
325729 2009 VH_{29}	16.5	X	29.85059	54.08998	277.59204	3.97864	0.1458640	0.17802359	3.1295676	20	11 6.9	20.7
325730 2009 VD_{40}	15.7	X	32.31805	149.56936	170.23892	10.78521	0.0266105	0.17509826	3.1643281	20	10 13.2	20.1
325731 2009 VF_{40}	15.1	X	140.32678	198.64620	47.27231	10.47139	0.0334537	0.18055059	3.1002980	20	11 19.5	19.5
325732 2009 VX_{44}	15.5	X	57.00008	293.96523	81.60581	10.69694	0.0774459	0.19169046	2.9789901	20	—	—
325733 2009 VK_{47}	15.5	X	56.50008	260.99331	70.86717	11.87161	0.1539399	0.18426018	3.0585463	20	12 13.2	19.9
325734 2009 VH_{50}	15.0	X	210.69283	223.10381	202.67942	11.42462	0.0418635	0.15077702	3.4960633	20	6 28.8	20.3
325735 2009 VM_{55}	15.5	X	14.68350	318.38774	12.25665	4.97400	0.1004502	0.17133706	3.2104692	20	10 8.3	19.4
325736 2009 VM_{72}	15.4	X	275.31296	39.55314	73.54731	11.78335	0.0578134	0.18055222	3.1002794	20	11 17.1	19.5
325737 2009 VT_{76}	16.0	X	90.32896	334.71932	3.53482	12.06486	0.1478700	0.19620828	2.9330839	20	—	—
325738 2009 VF_{78}	15.5	X	56.41434	225.63807	101.30940	10.34531	0.1359931	0.18370928	3.0646578	20	12 6.4	20.0
325739 2009 VK_{79}	15.6	X	153.38809	301.04279	304.04390	8.76751	0.0607455	0.18404453	3.0609350	20	12 3.3	20.3
325740 2009 VD_{81}	13.3	X	335.21015	337.82774	43.20062	9.55827	0.1431120	0.08274219	5.2157655	20	9 27.1	19.6
325741 2009 VZ_{92}	16.1	X	8.36790	212.72940	182.33487	7.00486	0.1940359	0.18504278	3.0499165	20	—	—
325742 2009 VH_{106}	15.5	X	34.43178	236.69976	86.83491	16.41170	0.1784471	0.17802436	3.1295587	20	11 13.8	19.8
325743 2009 VT_{110}	16.0	X	344.54378	221.56128	192.72377	13.20935	0.0370151	0.18469196	3.0537775	20	12 8.2	20.3
325744 2009 WE_{1}	15.7	X	45.75264	268.27643	83.40263	12.37351	0.1271855	0.18432482	3.0578312	20	12 21.2	19.9
325745 2009 WG_{4}	15.4	X	147.30485	157.68978	62.64301	15.67575	0.1200135	0.17521008	3.1629815	20	11 1.3	20.5
325746 2009 WV_{12}	15.8	X	178.91438	166.65673	66.49752	11.70366	0.0663275	0.18670651	3.0317711	20	12 16.4	20.4
325747 2009 WQ_{47}	16.2	X	280.43944	122.29800	35.63974	10.76530	0.0268143	0.19779646	2.9173623	20	—	—
325748 2009 WV_{47}	15.8	X	40.72142	86.18321	268.17767	5.15724	0.0979834	0.18794216	3.0184680	20	12 15.4	20.0
325749 2009 WC_{53}	15.7	X	119.47392	217.80206	78.90038	10.62155	0.1409644	0.18715874	3.0268853	20	—	—
325750 2009 WN_{55}	17.0	X	225.70861	208.40712	121.36084	3.34949	0.1607260	0.23130939	2.6282936	20	3 11.1	21.3
325751 2009 WB_{74}	15.3	X	90.64603	228.44338	77.19638	12.09708	0.1087737	0.18246898	3.0785298	20	12 12.9	20.0
325752 2009 WW_{87}	15.3	X	127.47296	248.09448	48.92497	10.88350	0.0810192	0.18858954	3.0115562	20	—	—
325753 2009 WH_{90}	15.6	X	222.11139	259.84528	57.73754	13.59358	0.1633511	0.21870692	2.7283141	20	2 28.9	20.3
325754 2009 WE_{93}	16.0	X	349.00640	175.05348	221.39698	8.57146	0.0658308	0.18007946	3.1057030	20	11 22.5	20.0
325755 2009 WU_{97}	15.4	X	149.31462	199.75322	38.72152	10.74073	0.0244364	0.18000295	3.1065830	20	11 19.9	19.9
325756 2009 WN_{114}	16.2	X	295.45940	214.70329	39.01941	14.29986	0.2228713	0.23099236	2.6306978	20	2 14.8	20.2
325757 2009 WA_{163}	16.3	X	62.84609	268.39873	54.03866	5.67169	0.1437978	0.18049241	3.1009642	20	12 6.9	20.9
325758 2009 WM_{190}	15.9	X	74.59396	224.70819	80.95008	3.25570	0.0919327	0.17677992	3.1442284	20	11 23.6	20.5
325759 2009 WG_{204}	15.4	X	37.52315	7.78842	13.04494	12.22894	0.1541467	0.19041955	2.9922304	20	—	—
325760 2009 WN_{248}	15.4	X	336.10540	264.22481	107.31805	15.75090	0.0473256	0.17203734	3.2017511	20	10 9.7	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325761 2009 WH_{249}	15.8	X	305.88924	29.02295	20.25210	9.10661	0.0647819	0.17360620	3.1824326	20	10 7.0	20.1
325762 2010 AL_{94}	15.2	X	69.20806	269.71010	68.81464	12.97902	0.1039950	0.15374577	3.4509124	20	12 21.8	20.3
325763 2010 AU_{97}	15.7	X	325.81552	234.92361	145.97821	14.24920	0.0892737	0.17611158	3.1521783	20	10 2.2	19.8
325764 2010 AF_{105}	15.8	X	358.06580	311.40021	23.12800	8.34414	0.1428364	0.17459257	3.1704352	20	9 23.5	19.5
325765 2010 BJ_{7}	15.8	X	229.42362	71.21978	39.45450	10.39520	0.0277817	0.17180439	3.2046447	20	9 23.4	20.4
325766 2010 JX_{140}	17.0	X	284.32690	122.53341	241.78998	7.85864	0.2706305	0.28578762	2.2826558	20	6 11.4	19.5
325767 2010 KG_{108}	17.5	X	225.70774	209.48024	139.61264	4.00120	0.1477707	0.26688382	2.3892113	20	4 2.8	21.1
325768 2010 LV_{14}	17.1	X	3.85472	182.96213	156.62022	6.98379	0.1719352	0.21830053	2.7316991	20	10 24.3	20.1
325769 2010 LY_{63}	17.9	X	255.62655	350.45628	344.94781	11.12176	0.4134124	0.37553491	1.9026950	20	3 16.9	21.3
325770 2010 MO_{54}	16.3	X	255.62536	77.89499	316.90582	10.18747	0.2362822	0.17953804	3.1119437	20	6 21.5	21.2
325771 2010 MC_{67}	17.2	X	258.49728	34.31255	325.19111	4.62591	0.2559670	0.27464216	2.3440016	20	5 5.4	20.8
325772 2010 NH_{10}	16.5	X	31.48049	2.82546	45.48336	9.06050	0.1576656	0.22077249	2.7112698	20	—	—
325773 2010 NL_{35}	17.1	X	65.22058	260.09110	169.48207	12.17682	0.1712503	0.23397333	2.6083056	20	1 15.7	20.0
325774 2010 NR_{73}	16.5	X	77.93306	42.72805	346.57151	13.07288	0.2746488	0.22720204	2.6598750	20	1 4.6	19.5
325775 2010 NE_{76}	17.4	X	127.95876	33.55972	83.66404	4.27447	0.0790998	0.26564123	2.3966561	20	6 3.2	20.5
325776 2010 OV_{14}	16.7	X	248.81302	289.50107	83.97490	7.33263	0.2097490	0.27260709	2.3556528	20	5 21.9	20.1
325777 2010 OE_{29}	17.4	X	252.04113	248.21959	140.29639	6.17842	0.1064761	0.27630057	2.3346128	20	6 28.2	20.5
325778 2010 OG_{60}	16.8	X	61.18834	216.62151	211.67000	8.90163	0.1368815	0.23064225	2.6333595	20	1 3.9	19.8
325779 2010 OT_{76}	17.1	X	77.49982	258.11262	199.58483	11.62097	0.1507401	0.24171600	2.5523043	20	3 9.9	20.3
325780 2010 OC_{79}	16.7	X	70.20292	355.76203	42.72244	5.54566	0.2145040	0.22581666	2.6707428	20	—	—
325781 2010 OL_{104}	16.4	X	359.99162	284.78523	150.01892	8.55566	0.1664074	0.21330249	2.7742064	20	—	—
325782 2010 OV_{125}	17.3	X	89.32539	277.61471	134.06433	4.55963	0.2068614	0.23289669	2.6163379	20	2 7.5	20.4
325783 2010 PA_{10}	17.4	X	237.41287	344.82974	320.39698	16.79679	0.0849521	0.36205599	1.9496301	20	2 9.3	19.7
325784 2010 PP_{38}	16.2	X	293.96738	5.90756	18.77893	10.49987	0.2392957	0.18289644	3.0737312	20	7 29.1	20.2
325785 2010 PU_{46}	16.3	X	142.63155	0.27365	11.23520	14.07424	0.2851675	0.24113049	2.5564342	20	2 28.7	20.7
325786 2010 PC_{58}	17.7	X	190.01741	11.16710	3.43737	0.70521	0.1946293	0.26462339	2.4027978	20	3 30.9	21.7
325787 2010 PS_{58}	17.4	X	184.42729	241.78019	143.72547	7.62456	0.3133399	0.26022967	2.4297682	20	4 13.2	21.9
325788 2010 PK_{78}	16.4	X	92.92319	164.09374	236.77529	4.37795	0.2650493	0.23079776	2.6321764	20	2 6.0	19.7
325789 2010 QD_{1}	17.8	X	241.51344	88.16287	315.88782	1.91537	0.1962399	0.28352167	2.2948019	20	6 25.3	21.0
325790 2010 QX_{1}	15.8	X	110.54055	158.13579	235.51255	13.66206	0.2422522	0.23404881	2.6077448	20	2 10.6	19.8
325791 2010 RX_{4}	17.2	X	256.01533	193.04079	146.70015	6.88789	0.1516828	0.27285263	2.3542394	20	4 22.9	20.5
325792 2010 RO_{51}	16.7	X	83.26211	210.28281	180.45843	13.79955	0.2685682	0.23065593	2.6332553	20	1 9.8	19.9
325793 2010 RS_{60}	16.5	X	30.41117	241.40069	193.21989	12.72246	0.2476953	0.22310482	2.6923411	20	—	—
325794 2010 RH_{63}	17.4	X	170.61385	163.48749	255.18679	1.51506	0.1809511	0.26345832	2.4098764	20	5 7.9	21.3
325795 2010 RJ_{67}	16.1	X	116.77092	346.82848	22.35627	12.50346	0.2029245	0.23189026	2.6239026	20	1 22.8	20.0
325796 2010 RY_{68}	17.1	X	231.15476	103.53071	286.99161	6.41477	0.1045044	0.27611513	2.3356580	20	6 4.3	20.3
325797 2010 RQ_{69}	17.6	X	248.06300	188.29987	224.21436	5.75195	0.0889192	0.28643105	2.2792361	20	7 28.9	20.6
325798 2010 RF_{70}	17.4	X	241.43852	312.72982	359.92347	19.71988	0.0648825	0.35812810	1.9638597	20	3 3.3	19.7
325799 2010 RN_{79}	17.1	X	186.90405	130.44395	200.30518	20.83451	0.0532731	0.35125653	1.9893893	20	1 9.8	20.0
325800 2010 RC_{81}	17.5	X	301.91376	249.31808	166.43017	4.87746	0.1685040	0.29953598	2.2122628	20	11 3.1	18.9
325801 2010 RE_{81}	17.2	X	299.52813	283.37463	73.07100	4.21219	0.1588348	0.28717209	2.2753134	20	7 17.2	19.3
325802 2010 RO_{81}	17.6	X	246.47706	247.88596	148.85453	5.86496	0.1562551	0.28040199	2.3117915	20	6 25.7	20.8
325803 2010 RH_{93}	17.4	X	274.57449	177.38170	217.28409	6.56378	0.1246891	0.28919571	2.2646868	20	8 4.8	20.0
325804 2010 RS_{100}	18.1	X	166.98130	237.06171	310.61403	3.33885	0.1077557	0.30088860	2.2056278	20	10 25.2	21.2
325805 2010 RG_{101}	17.3	X	147.83809	239.90735	248.07606	3.01628	0.0571546	0.27648954	2.3335489	20	7 11.2	20.3
325806 2010 RT_{103}	17.6	X	238.36510	147.02208	229.07515	1.51694	0.2289241	0.27216513	2.3582023	20	5 12.3	21.1
325807 2010 RE_{105}	17.6	X	118.45955	302.59636	198.14299	3.23359	0.0476809	0.27102183	2.3648297	20	6 20.2	20.5
325808 2010 RZ_{105}	17.3	X	218.56096	209.14554	195.90681	6.84771	0.1069710	0.27288145	2.3540736	20	6 10.0	20.7
325809 2010 RY_{111}	17.0	X	105.50559	334.96514	174.67759	7.01515	0.0490274	0.27263517	2.3554911	20	6 15.9	20.1
325810 2010 RE_{112}	17.7	X	144.10025	254.56839	174.81240	9.52054	0.0972278	0.25925135	2.4358771	20	4 22.5	21.2
325811 2010 RG_{115}	18.5	X	205.30949	338.12482	212.42750	6.80377	0.0236439	0.31219440	2.1520514	20	12 30.9	21.0
325812 2010 RT_{115}	18.0	X	166.67893	49.45088	42.11814	5.78425	0.0819091	0.27015556	2.3698823	20	6 13.9	21.3
325813 2010 RF_{120}	16.8	X	32.84825	110.83469	329.70200	11.92785	0.2320465	0.22885754	2.6470323	20	—	—
325814 2010 RK_{120}	17.3	X	192.56178	206.83417	189.42661	4.51975	0.2110146	0.26494984	2.4008237	20	4 29.9	21.4
325815 2010 RS_{125}	17.3	X	69.28428	301.36894	144.26152	5.16180	0.1682629	0.23995765	2.5647575	20	2 14.4	19.9
325816 2010 RH_{130}	17.0	X	48.08161	196.09032	211.53368	3.01493	0.3088047	0.22371248	2.6874635	20	—	—
325817 2010 RX_{143}	17.7	X	226.04113	198.47270	273.51673	2.47047	0.0888620	0.29364767	2.2417388	20	9 24.1	20.5
325818 2010 RP_{145}	17.1	X	212.07203	257.21487	209.60070	4.91505	0.1467686	0.28504745	2.2866057	20	8 21.3	20.3
325819 2010 RF_{149}	17.8	X	187.79074	225.32190	197.67393	6.41665	0.0819934	0.27172368	2.3607558	20	5 31.6	21.1
325820 2010 RA_{154}	17.2	X	62.11116	122.34904	301.03873	3.87703	0.2787468	0.23029016	2.6360428	20	1 18.6	19.3
325821 2010 RM_{156}	17.5	X	183.89797	28.70361	92.86583	4.87375	0.0572252	0.28387132	2.2929172	20	8 19.7	20.4
325822 2010 RM_{164}	17.8	X	243.07924	68.10477	328.86231	4.57916	0.2258342	0.28125348	2.3071231	20	6 13.6	21.2
325823 2010 RA_{171}	17.5	X	188.63104	230.46072	205.59893	4.82890	0.1475608	0.27242423	2.3567068	20	6 17.1	21.2
325824 2010 RP_{173}	16.8	X	107.92257	47.77333	359.39432	0.81443	0.1671131	0.23559955	2.5962893	20	2 20.0	20.3
325825 2010 RH_{174}	17.4	X	180.06234	126.27574	293.87000	2.71740	0.1303187	0.26436519	2.4043621	20	5 17.7	21.1
325826 2010 RZ_{174}	18.1	X	177.33923	23.67101	22.27963	2.98338	0.1771219	0.26057323	2.4276320	20	4 27.7	22.0
325827 2010 SL_{3}	17.3	X	36.23699	106.27326	334.20269	4.31822	0.1406365	0.22576044	2.6711861	20	—	—
325828 2010 SY_{9}	17.5	X	4.57377	334.17429	16.57222	6.41256	0.1232706	0.30070537	2.2065237	20	11 21.7	19.7
325829 2010 SM_{10}	17.3	X	253.26353	98.63206	286.83627	6.07330	0.1306313	0.27940991	2.3172605	20	6 22.1	20.1
325830 2010 SN_{15}	17.6	X	70.64968	7.60175	285.26196	2.92147	0.1317041	0.31003181	2.1620474	20	12 3.9	20.5
325831 2010 SF_{18}	18.0	X	240.16561	235.78134	186.93467	2.90246	0.1496485	0.28380025	2.2933000	20	7 24.9	21.0
325832 2010 SN_{22}	17.0	X	91.47637	221.81555	174.87134	4.58440	0.1673073	0.23638757	2.5905161	20	1 14.0	20.0
325833 2010 SU_{29}	17.5	X	223.94999	195.73772	191.97610	4.58079	0.1957537	0.26857913	2.3791466	20	5 17.3	21.3
325834 2010 SV_{29}	17.7	X	170.01932	157.29092	246.60730	1.87492	0.1807322	0.25993805	2.4315851	20	4 18.4	21.6
325835 2010 SK_{37}	17.4	X	263.65365	224.90593	211.20933	7.24423	0.1063482	0.29241253	2.2480471	20	9 23.7	19.9
325836 2010 SP_{38}	15.9	X	44.08928	134.53132	316.96921	13.34481	0.1738172	0.23402048	2.6079553	20	1 9.7	18.5
325837 2010 SC_{39}	17.5	X	243.47462	47.41518	11.78737	2.89783	0.1339755	0.28263211	2.2996146	20	7 28.2	20.5
325838 2010 SJ_{40}	17.5	X	280.84134	159.95532	233.93253	4.98586	0.1500988	0.28676521	2.2774651	20	8 9.8	19.8
325839 2010 TX_{1}	17.8	X	1.22092	264.57174	91.83327	2.99692	0.1479065	0.30156449	2.2023310	20	11 30.9	19.8
325840 2010 TJ_{14}	17.4	X	22.31874	118.41841	359.03964	12.12482	0.0968865	0.23679530	2.5875416	20	1 4.9	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325841 2010 TO_{24}	17.5	X	209.50936	351.41348	44.70677	2.45908	0.1837257	0.26723536	2.3871155	20	5 14.3	21.2
325842 2010 TN_{25}	17.2	X	292.92603	195.41831	26.23117	21.00767	0.0516938	0.34627029	2.0084417	20	—	—
325843 2010 TV_{27}	17.9	X	173.48508	199.45965	292.64696	2.77781	0.0709884	0.28546940	2.2843519	20	8 18.4	21.1
325844 2010 TN_{30}	17.4	X	339.67227	143.20902	325.04086	1.60644	0.1549544	0.22029775	2.7151636	20	—	—
325845 2010 TL_{31}	17.9	X	145.92525	162.37255	334.82650	1.98538	0.1546467	0.27545649	2.3393797	20	7 26.5	21.5
325846 2010 TW_{32}	17.4	X	76.79433	319.73850	189.55868	7.54972	0.0759595	0.26071336	2.4267621	20	5 10.9	20.4
325847 2010 TQ_{35}	17.4	X	113.10175	36.65175	65.42320	3.34538	0.1674542	0.25436877	2.4669491	20	5 6.8	20.8
325848 2010 TR_{37}	17.4	X	265.23815	20.52222	358.43274	6.95003	0.1465392	0.27846067	2.3225236	20	6 26.7	20.4
325849 2010 TC_{38}	17.4	X	348.05008	0.43492	14.35530	4.98564	0.1933310	0.30145235	2.2028771	20	12 12.1	19.3
325850 2010 TA_{50}	17.4	X	15.56676	53.25314	64.05583	4.25333	0.1462779	0.23090770	2.6313409	20	—	—
325851 2010 TU_{52}	16.4	X	250.88971	255.59260	184.41187	6.82682	0.1124804	0.18691659	3.0294991	20	8 26.5	20.8
325852 2010 TO_{53}	17.7	X	49.83571	27.67887	163.53357	3.45425	0.0717698	0.26570997	2.3962427	20	5 28.8	20.4
325853 2010 TS_{57}	16.9	X	37.93146	200.04788	228.46532	5.30338	0.1998179	0.22459779	2.6803966	20	—	—
325854 2010 TM_{79}	17.7	X	161.71665	51.57685	34.74735	7.51584	0.0781379	0.26702586	2.3883639	20	5 30.9	21.2
325855 2010 TP_{82}	17.9	X	231.64720	113.63185	285.73238	3.70504	0.1264582	0.27704594	2.3304235	20	6 15.2	21.1
325856 2010 TL_{84}	17.4	X	243.52837	342.68953	20.64176	7.65083	0.1257090	0.27179656	2.3603337	20	5 8.9	20.8
325857 2010 TB_{85}	17.1	X	111.68549	106.37105	26.36053	8.34620	0.1483176	0.26568501	2.3963928	20	6 11.7	20.5
325858 2010 TY_{85}	17.0	X	14.15750	288.25189	183.08007	15.01391	0.2412393	0.22880720	2.6474205	20	—	—
325859 2010 TB_{86}	17.9	X	160.31896	38.97241	77.50134	2.36657	0.1287370	0.27511613	2.3413087	20	7 12.6	21.2
325860 2010 TR_{94}	18.1	X	141.14236	68.10680	17.39497	5.18075	0.1490411	0.26035274	2.4290024	20	5 11.6	21.7
325861 2010 TQ_{114}	16.7	X	236.71460	247.41072	205.36183	6.56569	0.2650380	0.18323712	3.0699202	20	8 8.1	21.9
325862 2010 TB_{117}	17.3	X	38.26055	101.31488	250.23671	5.10463	0.1784435	0.30982496	2.1630096	20	—	—
325863 2010 TZ_{118}	16.6	X	322.09006	276.12185	209.96570	12.61436	0.1817198	0.21676850	2.7445550	20	—	—
325864 2010 TA_{119}	18.2	X	93.98394	334.58445	305.55791	1.19955	0.2156959	0.31119037	2.1566779	20	12 15.9	21.7
325865 2010 TE_{122}	17.4	X	339.10647	143.24906	334.21455	1.64858	0.0889910	0.22206991	2.7006993	20	—	—
325866 2010 TB_{123}	17.8	X	183.58486	263.35922	289.29145	3.70158	0.0767004	0.30562156	2.1827972	20	11 25.3	20.6
325867 2010 TB_{142}	15.4	X	327.92498	298.06500	78.96402	9.33456	0.2018852	0.18145228	3.0900186	20	9 28.5	18.8
325868 2010 TN_{147}	16.8	X	119.79161	224.87514	185.02423	16.89539	0.1926873	0.24075405	2.5590984	20	3 9.5	20.6
325869 2010 TQ_{149}	15.1	X	233.05761	43.93486	80.90402	17.57758	0.0870583	0.17753986	3.1352497	20	10 13.5	20.0
325870 2010 TR_{149}	17.2	X	40.88710	33.39830	44.66681	5.22650	0.1603802	0.22620730	2.6676672	20	—	—
325871 2010 TA_{150}	16.1	X	135.46369	144.15657	213.23464	12.51808	0.2045935	0.23369570	2.6103710	20	1 21.2	20.3
325872 2010 TN_{153}	15.9	X	233.93016	41.77240	46.37602	14.28652	0.2245577	0.17664655	3.1458109	20	8 11.2	21.2
325873 2010 TM_{158}	17.4	X	354.13987	269.84116	150.10922	3.81486	0.1426840	0.21233320	2.7826427	20	—	—
325874 2010 TG_{164}	17.2	X	310.23367	210.27707	189.97330	4.59524	0.1392108	0.29478350	2.2359767	20	10 25.8	18.9
325875 2010 TJ_{165}	17.5	X	248.28665	185.67557	171.15793	1.59017	0.1989006	0.26981205	2.3718933	20	4 30.0	21.1
325876 2010 TO_{166}	16.4	X	22.16341	76.73101	325.15025	8.18044	0.1634890	0.21599971	2.7510634	20	—	—
325877 2010 TJ_{168}	13.2	X	248.47942	61.37216	24.28270	17.07031	0.0919046	0.08423253	5.1540602	20	9 1.1	20.3
325878 2010 TF_{169}	17.7	X	297.54212	342.97547	36.19182	6.39341	0.1735235	0.28794630	2.2712331	20	8 20.5	19.7
325879 2010 TK_{171}	15.6	X	177.83105	90.65625	36.51677	15.83421	0.0980869	0.17486711	3.1671159	20	8 14.8	20.8
325880 2010 TT_{172}	17.8	X	185.62970	315.42737	232.92334	1.84968	0.0291191	0.30320998	2.1943558	20	11 28.2	20.1
325881 2010 TZ_{175}	15.8	X	347.08079	313.97396	89.95249	16.17405	0.1343747	0.20469801	2.8514142	20	12 11.5	19.0
325882 2010 TT_{176}	16.1	X	56.79074	118.59960	321.84201	11.18843	0.1275899	0.23240243	2.6200461	20	1 14.9	19.0
325883 2010 TO_{178}	17.5	X	348.95630	274.69220	179.51802	3.46358	0.2287322	0.21701163	2.7425047	20	—	—
325884 2010 TA_{182}	17.5	X	342.19772	254.53785	101.57533	3.83856	0.1657332	0.29592424	2.2302268	20	10 27.4	19.2
325885 2010 UO_{9}	17.3	X	60.70624	217.66746	225.81160	1.41791	0.1834091	0.23228149	2.6209555	20	1 29.9	20.0
325886 2010 UA_{10}	16.7	X	4.38503	228.47449	223.46543	4.29062	0.0962920	0.21929344	2.7234472	20	—	—
325887 2010 UK_{12}	16.7	X	12.49512	90.07458	19.18996	7.42778	0.1802973	0.22525052	2.6752160	20	—	—
325888 2010 UC_{13}	17.2	X	357.78177	269.78371	30.23264	7.88339	0.1196696	0.28415857	2.2913717	20	8 23.6	19.4
325889 2010 UL_{13}	16.9	X	72.65543	101.73215	301.67324	1.56838	0.1760658	0.22780517	2.6551782	20	—	—
325890 2010 UP_{14}	17.8	X	11.34003	308.49022	33.07355	0.49426	0.1990909	0.29751419	2.2222739	20	12 2.8	20.0
325891 2010 UC_{15}	17.3	X	193.08597	193.88255	182.38742	7.30990	0.1297999	0.25783154	2.4448113	20	4 5.5	21.0
325892 2010 UD_{16}	17.4	X	309.20334	325.27669	46.99589	6.41313	0.2132183	0.28897284	2.2658511	20	8 30.6	18.9
325893 2010 UL_{26}	16.8	X	34.64747	159.20133	239.65678	3.13531	0.1080279	0.21321951	2.7749261	20	—	—
325894 2010 UO_{27}	17.4	X	82.12132	333.74162	225.44644	4.88130	0.0838164	0.27022392	2.3694826	20	7 27.9	20.5
325895 2010 UD_{29}	17.6	X	162.52218	273.39355	137.78135	1.83791	0.1792904	0.25635411	2.4541957	20	4 22.2	21.4
325896 2010 UF_{29}	17.1	X	143.76475	43.42667	317.83198	7.04791	0.1900286	0.24060888	2.5601276	20	2 4.3	20.9
325897 2010 UX_{30}	16.6	X	199.91543	270.49779	242.69350	8.96079	0.2615465	0.18406500	3.0607081	20	9 17.5	22.1
325898 2010 UK_{33}	17.2	X	21.17392	70.92025	331.61659	4.22767	0.1595350	0.21280539	2.7785250	20	—	—
325899 2010 UZ_{45}	16.2	X	336.03332	46.58291	308.80852	5.02943	0.0164759	0.18613953	3.0379244	20	9 11.6	20.4
325900 2010 UJ_{54}	17.8	X	72.42413	353.23650	345.25862	2.47393	0.0830635	0.31332321	2.1468795	20	—	—
325901 2010 UG_{55}	16.2	X	334.32448	67.41878	32.71280	5.20769	0.1198561	0.21038988	2.7997515	20	—	—
325902 2010 UU_{55}	16.3	X	336.95111	122.20229	52.95865	13.41446	0.1496575	0.22972347	2.6403762	20	1 3.6	19.7
325903 2010 UB_{56}	17.4	X	21.85358	349.66675	23.02993	5.15497	0.1809160	0.30745919	2.1740911	20	—	—
325904 2010 UG_{56}	16.9	X	123.78487	85.81105	288.79683	2.94436	0.1823962	0.23353191	2.6115914	20	1 30.4	20.7
325905 2010 UP_{57}	16.2	X	301.84094	221.67311	251.78794	11.77035	0.0723276	0.20302627	2.8670453	20	12 26.4	19.9
325906 2010 UR_{59}	16.8	X	59.13121	132.79352	284.01475	3.45834	0.1072067	0.22127058	2.7071995	20	—	—
325907 2010 UX_{61}	16.6	X	18.55415	176.49610	261.03666	6.47772	0.1414301	0.21893284	2.7264369	20	—	—
325908 2010 UE_{67}	16.0	X	207.07571	273.18455	208.07641	16.65286	0.2108452	0.17936729	3.1139183	20	8 18.0	21.5
325909 2010 US_{73}	16.3	X	130.74002	232.67290	142.43617	5.49093	0.2146602	0.23614301	2.5923044	20	2 11.2	19.9
325910 2010 UL_{74}	17.5	X	200.24388	127.53765	271.47247	2.51854	0.1092208	0.26536416	2.3983241	20	5 11.2	20.9
325911 2010 UE_{76}	15.7	X	220.11715	189.81889	275.59365	7.70436	0.1729744	0.17586655	3.1551055	20	8 15.4	20.8
325912 2010 UD_{77}	16.5	X	322.27650	209.88255	354.95713	3.18724	0.0764025	0.23342173	2.6124131	20	2 1.3	19.7
325913 2010 UW_{77}	16.5	X	222.39212	152.75615	1.28536	10.69048	0.2359380	0.19136732	2.9823426	20	10 11.4	21.3
325914 2010 UD_{80}	16.9	X	22.46613	262.57013	310.63511	6.03738	0.0748963	0.25856743	2.4401705	20	5 12.9	19.6
325915 2010 UT_{84}	16.4	X	128.52186	99.70897	261.83007	6.81010	0.2232387	0.23349510	2.6118658	20	1 23.2	20.2
325916 2010 UK_{90}	16.7	X	58.25844	327.29703	54.16150	6.95005	0.0542339	0.21592625	2.7516873	20	—	—
325917 2010 UC_{94}	16.0	X	180.31840	319.13480	55.65010	11.64866	0.3117720	0.24540052	2.5266925	20	3 31.6	20.8
325918 2010 UF_{94}	16.1	X	178.85047	295.45916	258.17566	4.78235	0.1569082	0.17703312	3.1412297	20	10 24.0	21.3
325919 2010 UL_{94}	16.4	X	29.14536	323.14061	115.95782	6.94077	0.1113235	0.22218524	2.6997647	20	—	—
325920 2010 UM_{94}	16.9	X	101.73504	47.28151	4.20848	14.46072	0.2019536	0.23725409	2.5842047	20	2 27.3	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
325921 2010 UP_{96}	16.1	X	78.85693	271.48874	113.97134	13.02331	0.1761128	0.22431762	2.6826280	20	—	—
325922 2010 UT_{99}	17.0	X	329.69963	295.23288	17.88270	7.25191	0.1258711	0.27567010	2.3381710	20	7 12.4	19.2
325923 2010 UR_{100}	15.9	X	240.52132	244.46428	265.12634	13.10461	0.2141813	0.19299462	2.9655546	20	10 25.0	20.5
325924 2010 UE_{102}	16.9	X	246.92519	109.40368	247.19201	9.28445	0.2551147	0.26750511	2.3855105	20	4 20.9	21.0
325925 2010 UU_{103}	18.1	X	154.47104	40.41161	208.16156	6.77025	0.1338935	0.30955511	2.1642665	20	12 31.5	21.2
325926 2010 VE_{6}	17.7	X	260.88296	175.97664	179.81076	6.36528	0.1278201	0.27065812	2.3669478	20	5 22.5	20.8
325927 2010 VB_{13}	16.1	X	82.47111	21.72977	48.83068	15.22774	0.1612666	0.23314672	2.6144671	20	2 23.6	19.6
325928 2010 VQ_{13}	15.9	X	138.69600	155.20749	236.72346	13.70139	0.0288521	0.23825758	2.5769435	20	2 12.5	19.7
325929 2010 VB_{17}	17.6	X	38.92949	348.48222	356.58949	2.94819	0.1962141	0.30658760	2.1782096	20	—	—
325930 2010 VM_{17}	17.8	X	63.23094	223.71435	121.42651	3.90664	0.1781208	0.31550966	2.1369496	20	—	—
325931 2010 VD_{18}	17.2	X	333.03868	210.24551	193.91799	5.80038	0.0973076	0.30153414	2.2024787	20	12 15.9	19.4
325932 2010 VK_{20}	16.0	X	342.46029	135.67083	259.74610	10.77729	0.0989029	0.19331767	2.9622498	20	11 15.0	19.7
325933 2010 VJ_{25}	17.0	X	31.90686	160.37156	237.76769	2.10580	0.0745815	0.20948971	2.8077660	20	—	—
325934 2010 VE_{29}	17.4	X	27.85815	322.26085	338.30235	2.13745	0.1410176	0.29129412	2.2537976	20	10 17.5	19.9
325935 2010 VJ_{29}	16.2	X	236.64860	47.03175	40.66639	16.86964	0.1966519	0.17875886	3.1209800	20	8 18.6	21.4
325936 2010 VL_{31}	13.1	X	256.58611	15.51182	81.31572	8.21050	0.1796298	0.08331059	5.1920146	20	9 7.8	20.3
325937 2010 VF_{33}	16.9	X	85.04953	265.63750	131.90967	3.18115	0.1514869	0.22822300	2.6519364	20	1 5.4	19.9
325938 2010 VG_{33}	18.2	X	135.06561	82.44664	162.28083	3.80021	0.1513383	0.30239200	2.1983113	20	12 6.3	21.6
325939 2010 VV_{38}	17.1	X	226.86830	256.69847	187.59609	6.95502	0.0876772	0.27944995	2.3170391	20	8 14.5	20.2
325940 2010 VF_{45}	15.9	X	100.40772	327.97985	54.76372	18.16817	0.1990114	0.22829141	2.6514066	20	1 18.3	19.6
325941 2010 VX_{48}	15.7	X	213.70374	248.78563	215.00587	10.49081	0.2230700	0.17944475	3.1130221	20	8 3.4	21.1
325942 2010 VK_{54}	16.5	X	194.00683	328.52746	355.96511	4.02352	0.2027268	0.24001163	2.5643729	20	2 5.7	20.8
325943 2010 VZ_{54}	16.9	X	121.28453	187.15001	191.55702	3.21393	0.1578943	0.23455372	2.6040011	20	1 28.8	20.5
325944 2010 VT_{56}	15.9	X	212.01958	277.10326	219.17394	14.82770	0.2272332	0.18182562	3.0857874	20	9 8.5	21.2
325945 2010 VR_{57}	13.4	X	255.63146	356.81684	96.73155	5.18006	0.1575084	0.08212136	5.2420196	20	9 3.9	20.5
325946 2010 VB_{63}	17.3	X	251.10213	353.52025	12.99545	5.63294	0.2431630	0.26944061	2.3740727	20	5 9.2	21.1
325947 2010 VS_{67}	16.5	X	25.55537	118.53496	310.73424	4.42695	0.0657762	0.21853601	2.7297364	20	—	—
325948 2010 VO_{69}	16.7	X	349.54294	237.74884	263.02962	5.26349	0.0471622	0.22749347	2.6576029	20	—	—
325949 2010 VP_{79}	18.1	X	33.20314	38.71309	192.80639	1.89827	0.1260472	0.26874116	2.3781902	20	7 7.7	20.5
325950 2010 VB_{80}	17.3	X	319.81832	251.21049	54.76680	5.98816	0.1295240	0.27298904	2.3534551	20	6 7.8	19.6
325951 2010 VC_{83}	17.0	X	118.34048	63.03622	310.77217	2.19603	0.2102952	0.23342901	2.6123588	20	1 27.4	20.6
325952 2010 VM_{86}	15.9	X	290.03847	218.10075	214.76008	9.98151	0.2213162	0.19052583	2.9911175	20	9 23.3	19.6
325953 2010 VJ_{90}	17.4	X	270.17471	10.98980	2.09528	1.30426	0.2047142	0.27459789	2.3442536	20	6 15.1	20.3
325954 2010 VS_{92}	17.9	X	150.38756	158.57658	38.54665	2.01473	0.1128112	0.29476424	2.2360741	20	10 20.5	20.9
325955 2010 VE_{93}	16.6	X	170.38593	301.34852	91.28159	15.43311	0.1074027	0.25215239	2.4813841	20	4 10.9	20.6
325956 2010 VJ_{95}	17.3	X	37.86209	135.27443	319.00790	3.48316	0.0686525	0.22699814	2.6614676	20	—	—
325957 2010 VO_{97}	17.8	X	108.22874	186.59692	128.69890	0.44877	0.1855674	0.31967160	2.1183612	20	—	—
325958 2010 VJ_{99}	15.1	X	199.95304	261.36895	231.30760	23.98404	0.3134138	0.17490145	3.1667014	20	8 16.3	21.3
325959 2010 VX_{101}	16.8	X	3.21088	174.94751	230.56435	1.30599	0.1080133	0.20383677	2.8594403	20	—	—
325960 2010 VX_{103}	16.1	X	278.14767	190.73028	343.23436	12.67731	0.0587470	0.21906483	2.7253416	20	—	—
325961 2010 VS_{105}	17.2	X	85.13274	216.71035	162.84357	2.90562	0.0903406	0.22268069	2.6957587	20	—	—
325962 2010 VU_{105}	16.9	X	37.84291	253.77049	200.84546	6.05043	0.1218738	0.22663455	2.6643134	20	—	—
325963 2010 VL_{108}	16.7	X	300.61656	339.22010	161.03546	4.83820	0.0250821	0.21484209	2.7609369	20	—	—
325964 2010 VN_{109}	17.5	X	123.76307	70.92230	156.98212	4.55445	0.1076421	0.29354145	2.2422796	20	11 2.9	20.7
325965 2010 VK_{120}	15.5	X	252.62620	357.85277	67.33067	18.35083	0.0962867	0.17633327	3.1495357	20	8 19.8	20.4
325966 2010 VE_{126}	15.7	X	214.34441	343.02122	104.68696	8.35106	0.1186075	0.17209056	3.2010910	20	7 26.6	20.6
325967 2010 VT_{126}	17.0	X	114.36686	232.83176	152.33071	3.05078	0.1285566	0.23020524	2.6366911	20	1 25.6	20.5
325968 2010 VO_{128}	17.2	X	231.64569	253.40953	248.20827	5.44052	0.0330180	0.29904634	2.2146770	20	11 24.8	19.7
325969 2010 VN_{133}	16.8	X	333.80413	215.64918	60.59583	6.98234	0.1151452	0.26576143	2.3959334	20	5 21.0	18.8
325970 2010 VN_{135}	16.5	X	263.85765	195.60738	224.33482	3.77484	0.1899085	0.18015749	3.1048063	20	8 5.2	21.0
325971 2010 VX_{143}	17.7	X	84.90816	42.23289	148.16314	5.05235	0.0900776	0.26888688	2.3773310	20	7 21.2	20.6
325972 2010 VX_{157}	17.6	X	198.28939	188.12533	34.46912	4.15827	0.0517517	0.31230391	2.1515483	20	—	—
325973 Cardinal	16.7	X	35.54223	191.92802	211.02917	7.86583	0.2073857	0.21398849	2.7682742	20	—	—
325974 2010 VS_{160}	17.0	X	149.83487	1.24982	0.62017	2.02535	0.1004511	0.23751512	2.5823109	20	2 2.9	20.6
325975 2010 VC_{162}	17.3	X	19.31931	180.47545	238.92641	3.45022	0.0564348	0.21406227	2.7676381	20	—	—
325976 2010 VF_{162}	17.4	X	278.17609	218.37268	156.11468	6.29544	0.1219100	0.28036908	2.3119724	20	7 12.6	20.0
325977 2010 VP_{162}	17.0	X	234.60632	330.81042	316.28194	1.95213	0.0933713	0.23926307	2.5697188	20	1 28.9	20.8
325978 2010 VR_{162}	17.2	X	100.35520	298.30831	269.21484	4.29868	0.1723434	0.27557954	2.3386832	20	9 10.3	20.7
325979 2010 VY_{162}	17.1	X	93.52141	137.53144	283.74140	3.09103	0.0661372	0.23440708	2.6050870	20	2 3.6	20.3
325980 2010 VK_{166}	16.8	X	254.00364	350.25451	74.61412	2.24425	0.1496261	0.17911454	3.1168470	20	8 7.4	21.4
325981 2010 VX_{168}	16.9	X	250.24008	324.91733	236.20467	3.86414	0.0953635	0.21295156	2.7772533	20	—	—
325982 2010 VX_{172}	17.0	X	305.94187	298.32286	131.58357	0.54662	0.0717739	0.19207659	2.9749963	20	11 5.0	20.8
325983 2010 VF_{174}	16.6	X	76.99618	244.09289	196.57624	14.08259	0.1593394	0.23339693	2.6125982	20	2 16.0	19.9
325984 2010 VB_{177}	17.4	X	355.58795	265.33473	268.11859	1.24881	0.1154453	0.23647445	2.5898816	20	2 2.3	20.1
325985 2010 VK_{177}	17.4	X	152.44094	333.61000	241.88477	4.58129	0.1120034	0.29553117	2.2322038	20	11 15.5	20.6
325986 2010 VL_{178}	17.2	X	17.26281	254.17585	235.21157	2.12134	0.1236594	0.22913604	2.6448870	20	1 10.8	20.1
325987 2010 VY_{178}	17.1	X	176.89214	18.46303	55.56014	5.84932	0.0867082	0.26176174	2.4202781	20	6 1.8	20.4
325988 2010 VU_{181}	16.5	X	215.97980	123.26169	79.00517	7.49908	0.0404986	0.20360672	2.8615937	20	12 28.3	20.4
325989 2010 VE_{186}	16.4	X	78.58139	57.99225	335.85912	6.38261	0.1017841	0.22443250	2.6817125	20	—	—
325990 2010 VQ_{188}	16.0	X	275.58832	221.28717	150.50675	6.11989	0.1602039	0.17228735	3.1986529	20	6 24.6	20.5
325991 2010 VM_{191}	15.8	X	287.43368	42.39959	71.14148	11.25376	0.0720472	0.19215840	2.9741518	20	12 3.5	19.7
325992 2010 VX_{192}	15.5	X	195.40859	69.34209	57.86894	26.41063	0.2465873	0.17109718	3.2134692	20	8 31.6	21.5
325993 2010 VJ_{195}	16.1	X	52.32638	59.51462	30.08981	22.53472	0.0486783	0.23056328	2.6339607	20	1 18.4	20.0
325994 2010 VT_{195}	16.7	X	27.42761	190.86131	224.02322	6.14739	0.1152836	0.21438432	2.7648657	20	—	—
325995 2010 VO_{200}	16.1	X	16.72075	207.38710	301.24731	9.29719	0.1041483	0.23473951	2.6026269	20	2 4.2	18.9
325996 2010 WH_{2}	17.0	X	285.67151	211.74324	74.58004	6.80984	0.0635214	0.25168460	2.4844578	20	4 2.3	20.2
325997 2010 WK_{3}	16.7	X	350.08235	113.01472	40.31283	13.51798	0.1112204	0.23374981	2.6099682	20	—	—
325998 2010 WE_{5}	16.9	X	87.66334	45.87383	295.05361	3.41008	0.0763746	0.21069451	2.7970522	20	—	—
325999 2010 WN_{7}	16.0	X	155.39565	119.66939	246.05841	5.80064	0.2307623	0.23977558	2.5660558	20	2 20.8	20.4
326000 2010 WN_{8}	15.7	X	105.11004	2.49690	290.24664	8.75788	0.1260907	0.18958393	3.0010163	20	12 15.1	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326001 2010 WA_{17}	17.0	X	312.02433	127.50338	39.64076	5.07282	0.1507835	0.21740427	2.7392017	20	—	—
326002 2010 WK_{19}	17.1	X	342.86896	115.56671	26.95546	4.51367	0.0273140	0.22362133	2.6881937	20	—	—
326003 2010 WU_{20}	17.3	X	321.29234	212.50701	68.77097	7.26644	0.1015585	0.25964876	2.4333909	20	5 9.4	20.0
326004 2010 WV_{22}	15.7	X	220.32536	25.13807	64.14928	6.82273	0.1250141	0.17214449	3.2004224	20	8 4.6	20.7
326005 2010 WQ_{23}	17.0	X	115.09453	49.19818	264.30027	3.24239	0.0592157	0.20918741	2.8104705	20	—	—
326006 2010 WB_{24}	17.3	X	318.18271	147.67743	27.84439	1.74582	0.1290394	0.22214445	2.7000952	20	—	—
326007 2010 WS_{25}	17.5	X	95.09993	178.60349	52.90896	6.82063	0.0935713	0.28093573	2.3088624	20	10 5.1	20.6
326008 2010 WR_{29}	16.4	X	69.85919	6.35412	90.94102	10.77532	0.0531460	0.23607805	2.5927799	20	2 20.5	19.8
326009 2010 WZ_{33}	17.0	X	29.45706	196.98946	80.78190	4.44368	0.1756982	0.27970887	2.3156090	20	9 23.8	19.4
326010 2010 WL_{47}	17.4	X	26.70276	47.34083	253.58282	5.36407	0.1402632	0.28493407	2.2872122	20	10 13.3	19.9
326011 2010 WM_{52}	16.6	X	349.06182	185.31545	282.83491	3.13671	0.0222348	0.21510480	2.7586884	20	—	—
326012 2010 WE_{53}	17.2	X	262.13820	61.67872	269.79494	5.52904	0.1408071	0.25930455	2.4355439	20	4 15.6	20.7
326013 2010 WR_{54}	17.2	X	85.21211	13.20632	273.83373	5.91006	0.1406803	0.29871482	2.2163152	20	12 10.3	20.3
326014 2010 WJ_{55}	16.2	X	314.78259	65.00871	100.75167	7.11507	0.0919927	0.21230297	2.7829069	20	—	—
326015 2010 WW_{55}	15.4	X	206.77139	24.37106	94.64278	9.08871	0.0727855	0.16856274	3.2456000	20	9 1.5	20.3
326016 2010 WA_{62}	17.1	X	357.85261	107.23793	57.34473	2.14336	0.1069911	0.22982900	2.6395679	20	1 28.2	20.1
326017 2010 WH_{62}	17.3	X	73.90125	217.46715	230.60508	1.54815	0.0965344	0.23205371	2.6226703	20	2 15.5	20.4
326018 2010 WS_{62}	16.1	X	225.87359	359.42682	253.23091	13.98997	0.0772782	0.21980182	2.7192461	20	—	—
326019 2010 WZ_{63}	16.8	X	354.18166	267.10709	259.79269	1.80797	0.0407219	0.23147785	2.6270182	20	1 30.6	20.2
326020 2010 WJ_{67}	17.4	X	275.67862	268.87879	43.26443	3.85632	0.0509633	0.25396946	2.4695342	20	4 22.5	20.4
326021 2010 WG_{69}	15.8	X	131.27089	153.59576	52.08120	5.30478	0.0931960	0.17724950	3.1386727	20	9 27.4	20.7
326022 2010 WK_{69}	16.1	X	171.60121	142.77632	65.21783	8.97896	0.0787256	0.18977871	2.9989626	20	11 10.7	20.6
326023 2010 WB_{73}	17.1	X	127.33218	109.26504	156.44781	5.49934	0.0293675	0.30229895	2.1987624	20	12 27.6	19.8
326024 2010 WQ_{73}	16.8	X	110.50863	319.81126	76.72216	5.24132	0.2072620	0.23205379	2.6226698	20	2 17.7	20.4
326025 2010 XO_{6}	17.0	X	16.10795	309.55192	170.66265	8.13439	0.0410787	0.22615604	2.6680702	20	1 1.6	20.6
326026 2010 XV_{10}	16.2	X	140.00293	198.20864	171.47494	5.08559	0.2678298	0.23683043	2.5872857	20	2 17.6	20.4
326027 2010 XV_{13}	16.2	X	141.62036	129.87038	244.05003	7.40149	0.3450204	0.23871871	2.5736239	20	2 27.1	20.8
326028 2010 XM_{18}	16.0	X	263.76744	337.48828	124.39884	7.70640	0.1514609	0.18613842	3.0379366	20	10 8.7	20.2
326029 2010 XM_{22}	17.2	X	57.77499	159.64665	65.05817	2.25397	0.1385987	0.26876431	2.3780537	20	8 10.9	19.9
326030 2010 XP_{25}	16.1	X	236.41978	241.18690	220.97073	8.07114	0.1000982	0.18182340	3.0858125	20	9 5.6	20.8
326031 2010 XR_{25}	17.0	X	317.76147	272.95798	184.49304	5.35942	0.0792135	0.20363492	2.8613295	20	12 30.0	20.5
326032 2010 XX_{32}	16.1	X	109.10819	251.17076	116.38512	12.10710	0.0918035	0.22392253	2.6857826	20	—	—
326033 2010 XX_{34}	16.6	X	299.23822	32.23664	39.31634	2.23580	0.1262631	0.18907084	3.0064432	20	10 22.3	20.2
326034 2010 XG_{36}	16.2	X	323.30895	16.84245	102.09593	5.54106	0.0605994	0.20883127	2.8136648	20	—	—
326035 2010 XJ_{37}	16.6	X	155.80140	15.98357	323.87442	4.60123	0.0350555	0.21963214	2.7206465	20	1 9.1	20.4
326036 2010 XW_{48}	15.4	X	186.57082	48.28984	110.61185	11.26953	0.0728957	0.17325099	3.1867810	20	9 30.4	20.4
326037 2010 XJ_{50}	15.8	X	322.95650	144.43568	283.25600	10.87181	0.0353042	0.19704512	2.9247737	20	11 27.5	19.7
326038 2010 XE_{53}	16.7	X	337.27702	131.14676	67.09212	15.98659	0.0636446	0.23847884	2.5753494	20	2 21.4	20.3
326039 2010 XM_{65}	15.2	X	13.62623	349.35518	29.07098	13.11215	0.1063176	0.19864078	2.9090896	20	12 11.4	19.1
326040 2010 XG_{75}	16.5	X	187.36308	277.27618	286.56732	7.94262	0.0958663	0.19109300	2.9851961	20	11 18.5	21.1
326041 2010 XO_{78}	16.7	X	275.52457	219.48050	222.04974	10.12463	0.1135075	0.18473924	3.0532565	20	9 27.8	21.0
326042 2010 XU_{82}	16.5	X	275.86174	83.76609	8.05599	10.51393	0.0249401	0.19096150	2.9865664	20	10 24.5	20.7
326043 2010 XA_{83}	16.1	X	168.38570	311.98636	68.85725	15.43798	0.1123169	0.24112687	2.5564598	20	3 26.2	20.3
326044 2010 XH_{83}	15.9	X	297.60484	314.64689	93.68184	4.91414	0.0995908	0.18341385	3.0679477	20	9 23.9	19.8
326045 2010 YN	16.7	X	300.80179	155.80274	129.43390	4.56317	0.0937752	0.24433196	2.5340540	20	4 16.1	19.8
326046 2011 AY_{5}	15.4	X	254.81531	53.07799	69.40338	5.58980	0.0511242	0.17992992	3.1074235	20	11 2.8	19.7
326047 2011 AG_{6}	16.9	X	23.99894	22.99007	338.45469	6.34182	0.0212384	0.18668105	3.0320468	20	11 20.6	21.2
326048 2011 AY_{7}	15.9	X	211.22581	255.12515	286.73694	7.05856	0.0643375	0.18540393	3.0459546	20	11 19.9	20.4
326049 2011 AJ_{8}	16.4	X	180.05878	207.72703	104.69174	5.46626	0.1268148	0.21771645	2.7365826	20	1 9.1	20.7
326050 2011 AM_{8}	15.0	X	273.29039	298.68410	108.51075	23.51301	0.0975206	0.16928524	3.2363588	20	8 18.1	19.7
326051 2011 AV_{9}	16.1	X	183.15231	97.84724	107.49241	10.23850	0.0808854	0.18279030	3.0749209	20	11 19.7	20.8
326052 2011 AZ_{9}	15.5	X	44.83626	211.29299	106.82038	10.84349	0.1088428	0.17998232	3.1068204	20	11 10.2	19.9
326053 2011 AW_{10}	15.6	X	162.14103	346.13420	98.98361	4.41774	0.0362186	0.14411232	3.6030364	20	5 29.9	20.9
326054 2011 AG_{11}	15.7	X	247.29550	291.19872	150.10574	14.07800	0.2644279	0.17133170	3.2105362	20	8 4.5	20.8
326055 2011 AO_{11}	15.5	X	215.31948	331.79142	108.71456	11.57016	0.0730059	0.15845668	3.3821719	20	7 21.4	20.4
326056 2011 AO_{16}	14.9	X	244.07702	319.75905	122.53272	18.24566	0.1169019	0.16977973	3.2300717	20	8 22.7	19.7
326057 2011 AP_{20}	15.3	X	238.71753	3.02762	120.72538	12.26238	0.0496110	0.17606174	3.1527732	20	10 19.6	20.0
326058 2011 AW_{31}	15.1	X	110.51374	138.64593	98.01120	16.84313	0.0963884	0.17017949	3.2250113	20	10 18.7	20.3
326059 2011 AE_{32}	15.9	X	100.54399	199.64049	325.05866	8.84199	0.0190972	0.14813905	3.5374448	20	6 22.3	21.0
326060 2011 AH_{33}	16.5	X	79.79705	46.44243	330.84980	4.15834	0.1705208	0.21036513	2.7999711	20	—	—
326061 2011 AE_{34}	15.3	X	220.27091	80.32059	86.82722	17.06917	0.0108428	0.18503919	3.0499560	20	11 23.8	19.7
326062 2011 AG_{39}	15.6	X	83.80855	217.15707	100.00798	12.13685	0.0832231	0.18967294	3.0000774	20	12 19.0	20.0
326063 2011 AN_{43}	16.4	X	126.77437	214.42139	39.03928	1.89157	0.1191581	0.17598505	3.1536890	20	11 16.9	21.5
326064 2011 AO_{47}	15.5	X	54.58036	333.46322	154.35262	3.35023	0.1622004	0.12392148	3.9844801	20	3 31.9	20.7
326065 2011 AH_{48}	15.8	X	157.75830	168.90206	100.11371	14.48173	0.0592906	0.19534434	2.9417256	20	—	—
326066 2011 AM_{48}	16.6	X	13.61859	99.68149	97.74257	4.26948	0.0477688	0.23781354	2.5801503	20	4 10.7	19.8
326067 2011 AD_{55}	17.0	X	91.15280	264.13521	98.54367	5.56960	0.1751467	0.21021238	2.8013273	20	—	—
326068 2011 AL_{58}	15.5	X	36.75667	214.35918	100.98639	11.21024	0.0547335	0.17747838	3.1359737	20	10 20.9	20.0
326069 2011 AM_{59}	15.4	X	49.47964	11.62192	125.85856	3.80761	0.1208692	0.12406080	3.9814965	20	3 31.8	20.6
326070 2011 AY_{60}	15.4	X	351.18617	191.27220	111.47346	13.24873	0.0687369	0.15648511	3.4105208	20	7 25.7	19.8
326071 2011 AS_{61}	15.6	X	246.42554	12.38482	110.70150	5.91703	0.0950388	0.17880686	3.1204216	20	10 19.5	20.0
326072 2011 AS_{64}	16.5	X	171.70385	121.68238	104.41821	5.22041	0.0916123	0.18479978	3.0525896	20	11 30.2	21.1
326073 2011 AE_{67}	15.6	X	146.95907	333.98983	291.51607	15.36582	0.0858154	0.19041953	2.9922306	20	12 23.2	20.3
326074 2011 AG_{67}	16.3	X	178.54997	223.53256	117.58600	7.06474	0.0114208	0.22359862	2.6883758	20	2 4.3	19.9
326075 2011 AV_{72}	16.4	X	233.05241	20.28476	137.29568	2.17027	0.1280403	0.18372783	3.0644515	20	11 9.2	20.8
326076 2011 AC_{74}	16.3	X	83.56693	331.22316	89.51431	8.96825	0.1105389	0.22242968	2.6977864	20	1 30.6	19.7
326077 2011 AA_{75}	14.6	X	48.07130	166.18073	341.87557	13.28220	0.1381899	0.12412182	3.9801914	20	4 6.7	19.9
326078 2011 AA_{77}	16.5	X	115.73521	232.37449	137.15877	8.92514	0.1303240	0.21619317	2.7494220	20	1 10.3	20.4
326079 2011 AQ_{77}	15.2	X	35.12756	271.46500	72.56478	11.36619	0.0440038	0.18315431	3.0708454	20	11 18.6	19.4
326080 2011 BV_{2}	16.7	X	65.34554	314.67113	57.10446	6.68956	0.0830155	0.20407501	2.8572144	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326081 2011 BD_4	15.8	X	212.62201	44.62292	119.44520	9.60449	0.0409219	0.18009033	3.1055781	20	11 6.8	20.4
326082 2011 BC_5	16.3	X	332.58817	122.48564	262.72431	3.86304	0.1229342	0.17926972	3.1150481	20	10 12.9	20.0
326083 2011 BV_8	16.1	X	116.92424	221.15590	110.34125	14.17207	0.0916622	0.20309931	2.8663579	20	—	—
326084 2011 BJ_{28}	15.5	X	108.36117	80.52383	354.61844	2.54365	0.2001614	0.12606596	3.9391648	20	4 6.8	21.4
326085 2011 BC_{34}	15.6	X	192.48331	109.98384	100.16228	6.80375	0.0861175	0.18326998	3.0695531	20	12 2.7	20.2
326086 2011 BR_{52}	15.6	X	32.18968	253.23574	92.02135	12.24848	0.1151867	0.18039036	3.1021336	20	11 26.2	19.9
326087 2011 BM_{60}	15.5	X	273.01708	330.01488	154.99862	17.48897	0.0597637	0.18251906	3.0779666	20	11 30.7	20.0
326088 2011 BV_{70}	16.4	X	139.91847	109.96036	176.21421	8.01988	0.1648561	0.18427917	3.0583362	20	—	—
326089 2011 BO_{79}	15.3	X	291.85959	329.49749	116.18748	12.19255	0.0508719	0.18042344	3.1017544	20	11 9.1	19.7
326090 2011 BR_{83}	15.4	X	41.18679	182.20898	171.61929	10.72337	0.0459019	0.18135836	3.0910854	20	12 7.7	19.9
326091 2011 BA_{85}	15.4	X	160.48833	196.04419	69.54501	12.25921	0.0305297	0.18975784	2.9991825	20	—	—
326092 2011 BA_{86}	16.0	X	197.38938	323.96875	120.90755	7.03498	0.0995222	0.15492089	3.4334394	20	7 5.6	21.3
326093 2011 BZ_{88}	17.1	X	298.08774	225.15275	136.06392	6.67949	0.2092999	0.26377312	2.4079587	20	7 9.8	19.7
326094 2011 BO_{96}	15.9	X	119.30490	203.02401	92.75256	12.88997	0.0784967	0.19072779	2.9890056	20	12 30.0	20.3
326095 2011 BM_{98}	16.5	X	166.51285	301.79758	8.43483	4.34079	0.0579654	0.20806517	2.8205672	20	—	—
326096 2011 BC_{101}	15.4	X	140.78294	205.92202	89.26245	11.44764	0.1695459	0.19609194	2.9342439	20	—	—
326097 2011 BF_{101}	16.1	X	192.75802	149.37115	25.12359	6.50343	0.0643843	0.17511872	3.1640815	20	10 21.2	20.7
326098 2011 BJ_{101}	16.6	X	202.59075	180.18579	111.94933	5.43877	0.0392163	0.21247401	2.7814131	20	1 5.3	20.5
326099 2011 BR_{103}	15.7	X	50.02499	161.81169	340.29886	2.29374	0.0883656	0.12435451	3.9752248	20	4 1.1	20.8
326100 2011 BQ_{115}	16.1	X	84.53198	358.81877	315.87238	8.15983	0.1033834	0.18794479	3.0184399	20	12 18.2	20.7
326101 2011 BN_{119}	15.4	X	45.58349	225.39028	117.65127	10.50431	0.0818906	0.17925740	3.1151908	20	12 5.1	19.9
326102 2011 BG_{145}	17.0	X	306.77104	205.78505	77.90635	1.55899	0.1585689	0.23825058	2.5769940	20	4 11.1	19.9
326103 2011 BF_{151}	17.2	X	216.81965	299.53902	6.61331	4.46690	0.0993062	0.22187411	2.7022880	20	2 6.3	21.3
326104 2011 CQ_{32}	15.3	X	196.89049	68.76684	308.14476	4.55388	0.0445377	0.13157896	3.8283510	20	4 14.8	21.0
326105 2011 CY_{33}	16.3	X	323.79764	125.46717	123.98305	11.41200	0.1225646	0.23305614	2.6151445	20	3 31.8	19.6
326106 2011 CG_{34}	15.2	X	45.14022	17.80110	144.84782	3.97549	0.1629196	0.12658130	3.9284662	20	4 29.5	20.2
326107 2011 CU_{39}	16.6	X	233.54783	353.03531	127.18134	1.97359	0.0513109	0.17275032	3.1929355	20	10 3.7	21.1
326108 2011 CK_{66}	16.6	X	332.84372	276.48589	183.73765	4.50529	0.0945349	0.19907672	2.9048412	20	—	—
326109 2011 EM_{18}	16.0	X	70.13431	158.38406	174.30830	10.95382	0.0498624	0.18160572	3.0882778	20	12 16.7	20.7
326110 2011 EH_{21}	15.2	X	64.54395	71.01773	75.34740	3.13492	0.1552570	0.12396305	3.9835891	20	5 5.6	20.5
326111 2011 GG_{61}	15.9	X	34.77730	148.06932	79.76682	13.81034	0.0952871	0.22982469	2.6396009	20	6 28.2	19.1
326112 2011 QB_{76}	13.5	X	117.03754	153.61599	330.59352	16.95967	0.0548297	0.08459075	5.1394993	20	5 23.9	20.7
326113 2011 UG_{108}	17.5	X	264.63530	217.17873	93.03905	7.67623	0.2713229	0.29645075	2.2275853	20	3 11.9	21.2
326114 2011 UW_{131}	16.0	X	316.01361	232.96941	234.76196	16.57851	0.1450008	0.23175878	2.6248949	20	—	—
326115 2011 UF_{224}	17.2	X	258.13017	63.06674	40.42211	4.66274	0.0709510	0.21867285	2.7285975	20	10 18.1	20.6
326116 2011 UU_{308}	15.3	X	117.63639	308.20860	284.77946	8.36778	0.0726990	0.18594486	3.0400445	20	10 9.5	20.0
326117 2011 UW_{313}	15.3	X	43.74042	291.24497	97.11343	3.93746	0.1492886	0.12374997	3.9881606	20	—	—
326118 2011 UR_{379}	15.8	X	268.01425	266.56613	119.07865	11.14764	0.1240191	0.19304625	2.9650258	20	7 8.9	20.0
326119 2011 WH_{45}	13.6	X	280.83176	341.89321	70.74684	4.22930	0.0688745	0.08418853	5.1558559	20	8 28.0	20.4
326120 2011 WP_{119}	15.4	X	164.01793	176.39210	271.74629	9.51980	0.0420788	0.17762006	3.1343058	20	6 4.5	20.0
326121 2011 WU_{126}	15.3	X	261.72816	315.21880	49.95665	12.13044	0.1410199	0.18534511	3.0465990	20	5 31.9	19.7
326122 2011 YA_{17}	16.6	X	95.76808	80.72938	308.41876	1.98242	0.2634946	0.24604797	2.5222581	20	1 24.7	19.4
326123 2011 YH_{32}	13.7	X	287.29279	206.71780	229.11062	5.38760	0.0412518	0.08451188	5.1426963	20	9 30.9	20.4
326124 2011 YZ_{53}	17.6	X	50.31288	26.48422	98.64597	3.40979	0.1569499	0.25460690	2.4654107	20	3 5.2	19.8
326125 2011 YY_{61}	12.9	X	261.68634	179.20076	281.72684	20.30894	0.1035137	0.08296736	5.2063240	20	9 12.5	20.1
326126 2011 YW_{63}	16.0	X	138.79570	108.10995	133.80679	3.40026	0.1342180	0.19260834	2.9695182	20	11 18.6	20.7
326127 2011 YS_{74}	13.1	X	285.33773	274.66681	155.95478	13.02475	0.1160144	0.08169420	5.2602765	20	9 15.8	19.9
326128 2011 YL_{75}	16.1	X	146.95148	234.69425	282.16959	1.95779	0.1181275	0.17468400	3.1693288	20	8 12.9	21.0
326129 2012 AM_{14}	15.5	X	96.85510	75.01565	112.39123	5.89456	0.0993279	0.16889829	3.2412999	20	7 27.6	20.3
326130 2012 AU_{17}	16.5	X	322.89289	139.45478	318.48441	11.40512	0.1756550	0.22100439	2.7093729	20	—	—
326131 2012 AM_{19}	15.3	X	200.77039	105.26745	333.16300	12.04074	0.2251656	0.17216109	3.2002166	20	6 27.7	20.9
326132 2012 BR_9	16.9	X	167.15466	174.61415	300.66208	6.98717	0.0475789	0.28244953	2.3006055	20	7 18.7	19.9
326133 2012 BF_{10}	16.7	X	333.45117	266.09264	184.48327	5.21337	0.1049355	0.21269013	2.7795287	20	—	—
326134 2012 BZ_{20}	17.5	X	126.03217	323.86016	140.44252	2.88376	0.1385403	0.26829952	2.3807993	20	5 21.2	20.8
326135 2012 BV_{23}	13.0	X	320.36124	266.87225	148.71859	14.27338	0.0532238	0.08168487	5.2606772	20	10 21.6	19.8
326136 2012 BG_{24}	15.5	X	246.98284	300.18991	144.25844	22.56956	0.1623643	0.18550758	3.0448199	20	8 22.5	19.9
326137 2012 BN_{24}	15.6	X	181.20271	50.41842	117.15209	6.31439	0.1281337	0.18422300	3.0589578	20	10 1.8	20.5
326138 2012 BW_{24}	15.4	X	93.94766	306.16452	297.76615	7.09390	0.0353437	0.18430748	3.0580229	20	9 22.4	19.9
326139 2012 BE_{25}	16.5	X	319.89428	142.99306	298.20408	6.79440	0.2019547	0.21000290	2.8031899	20	12 15.4	19.2
326140 2012 BF_{28}	16.6	X	28.07735	281.92358	137.96902	5.83968	0.0385289	0.22355586	2.6887185	20	—	—
326141 2012 BG_{28}	17.8	X	253.99111	119.30463	282.37965	0.99084	0.1707533	0.29667946	2.2264404	20	7 11.1	20.3
326142 2012 BW_{47}	15.2	X	220.76133	289.92294	147.69359	17.56657	0.1410642	0.17196537	3.2026444	20	7 17.6	20.4
326143 2012 BK_{53}	16.7	X	175.18650	121.35247	40.66181	1.21752	0.1167881	0.17995590	3.1071245	20	9 16.9	21.7
326144 2012 BO_{53}	17.3	X	109.36029	223.17435	338.65415	5.97711	0.1124100	0.28769412	2.2725602	20	9 10.3	20.3
326145 2012 BP_{53}	16.9	X	14.99590	299.47598	326.94022	3.28733	0.0502797	0.28000066	2.3139999	20	7 21.9	19.2
326146 2012 BS_{53}	17.2	X	6.82213	225.07903	359.85009	2.01575	0.1506038	0.26021598	2.4298534	20	5 4.8	19.2
326147 2012 BA_{54}	17.9	X	122.44407	72.23434	107.34884	3.29635	0.1201378	0.28620319	2.2804457	20	8 27.9	21.2
326148 2012 BR_{54}	16.1	X	44.06241	291.95682	134.33780	13.13468	0.0436286	0.22555390	2.6728166	20	—	—
326149 2012 BU_{55}	15.6	X	166.14951	168.41229	350.12255	8.23881	0.0746019	0.17605198	3.1528896	20	9 4.2	20.4
326150 2012 BX_{55}	16.5	X	354.24953	159.97899	339.16206	11.58252	0.1341006	0.23277963	2.6172150	20	—	—
326151 2012 BY_{56}	17.0	X	56.45688	238.89093	312.37759	5.29481	0.0613032	0.27116551	2.3639943	20	6 5.5	19.8
326152 2012 BM_{58}	16.8	X	278.14945	76.48815	72.91222	2.89322	0.0317405	0.21840918	2.7307931	20	—	—
326153 2012 BE_{67}	13.3	X	271.91032	173.21994	285.98239	16.31108	0.0592840	0.08234972	5.2323241	20	9 30.1	20.4
326154 2012 BK_{69}	18.2	X	116.78659	15.95828	98.47722	2.41867	0.1403489	0.27088215	2.3656426	20	5 24.1	21.3
326155 2012 BK_{72}	16.5	X	151.04347	165.65565	154.64537	4.96910	0.0900152	0.22731707	2.6589776	20	—	—
326156 2012 BK_{75}	15.4	X	81.51675	100.28001	115.00131	9.40978	0.0592061	0.17393527	3.1784175	20	8 8.9	20.0
326157 2012 BE_{76}	16.4	X	75.18203	147.00623	132.99270	2.16960	0.0553355	0.18776647	3.0203505	20	10 22.4	20.6
326158 2012 BN_{78}	17.0	X	9.46836	280.30827	331.73520	1.63766	0.0739540	0.27427958	2.3460669	20	6 20.9	19.2
326159 2012 BK_{87}	15.7	X	189.92490	311.26901	154.18226	15.08148	0.1878129	0.17482251	3.1676546	20	7 20.2	21.1
326160 2012 BB_{88}	15.7	X	181.01762	43.84707	118.05845	10.60208	0.0479104	0.18142452	3.0903338	20	9 29.7	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326161 2012 BE_{88}	15.8	X	179.64554	159.80353	9.74833	8.67558	0.0976919	0.18191677	3.0847565	20	9 30.9	20.5
326162 2012 BJ_{91}	16.4	X	87.62320	242.25247	148.27558	12.02096	0.0805087	0.22708233	2.6608097	20	—	—
326163 2012 BR_{91}	16.4	X	154.58865	179.45379	333.37717	6.07053	0.1054128	0.17276942	3.1927001	20	8 16.1	21.4
326164 Miketoomey	16.9	X	353.49800	298.09027	159.64713	5.73587	0.1717638	0.22336699	2.6902340	20	—	—
326165 2012 BH_{99}	17.1	X	231.59476	64.28483	318.75596	5.85966	0.1230677	0.28122351	2.3072870	20	5 22.4	20.4
326166 2012 BC_{101}	17.0	X	101.48162	220.20614	277.46376	5.49533	0.0680904	0.26770270	2.3843365	20	5 26.0	20.0
326167 2012 BD_{102}	16.0	X	227.44989	173.02214	308.54122	9.18982	0.0491482	0.19329643	2.9624668	20	9 25.8	20.4
326168 2012 BK_{111}	16.5	X	230.82966	307.37468	305.37032	3.90971	0.1164660	0.22680572	2.6629727	20	—	—
326169 2012 BT_{111}	16.3	X	273.28126	157.82996	323.25228	4.28135	0.0523765	0.20205977	2.8761806	20	11 27.4	20.1
326170 2012 BV_{111}	16.8	X	218.26699	237.11966	149.14847	2.78206	0.0287311	0.27144971	2.3623439	20	5 21.6	19.7
326171 2012 BS_{112}	16.0	X	186.94262	164.17320	331.59740	4.05436	0.0938340	0.17713158	3.1400655	20	8 27.7	20.9
326172 2012 BV_{112}	17.1	X	247.67837	306.32753	331.84247	3.89703	0.1059314	0.23940716	2.5686876	20	1 31.2	21.0
326173 2012 BC_{115}	15.6	X	165.49468	216.21157	302.03243	6.66818	0.1097875	0.18004264	3.1061265	20	8 31.4	20.5
326174 2012 BL_{117}	16.8	X	267.34900	2.73724	136.04889	4.75033	0.0460628	0.20887981	2.8132289	20	12 15.4	20.6
326175 2012 BL_{119}	16.5	X	189.03958	167.58380	320.94740	0.17805	0.1208270	0.17781931	3.1319641	20	8 19.9	21.3
326176 2012 BX_{121}	15.4	X	95.16295	245.70759	321.12874	14.77515	0.0334011	0.17754069	3.1352399	20	8 11.2	19.7
326177 2012 BF_{125}	17.0	X	75.60520	348.17790	169.68354	6.92508	0.0643074	0.26711352	2.3878414	20	5 19.8	20.0
326178 2012 BK_{126}	17.3	X	80.14329	130.53181	23.82381	3.86965	0.1630685	0.26461331	2.4028589	20	6 4.4	20.2
326179 2012 BR_{127}	16.3	X	209.76589	338.31114	111.70460	2.90610	0.1294268	0.17401889	3.1773992	20	7 23.6	21.2
326180 2012 BY_{131}	16.7	X	134.98233	226.48045	176.76907	7.07849	0.1331253	0.25686942	2.4509124	20	3 10.3	20.2
326181 2012 BE_{132}	15.8	X	151.50142	187.10421	325.36765	9.49293	0.1605419	0.17326931	3.1865565	20	8 13.9	21.0
326182 2012 BF_{132}	16.8	X	40.44715	108.98625	85.64923	6.93691	0.0749798	0.26705551	2.3881872	20	5 19.3	19.4
326183 2012 BB_{134}	16.7	X	308.47434	193.46060	348.15693	17.12799	0.1843782	0.22898207	2.6460725	20	—	—
326184 2012 BU_{134}	17.6	X	81.68913	273.05309	248.16378	2.74314	0.1692548	0.26726363	2.3869472	20	6 18.0	20.6
326185 2012 BN_{139}	17.5	X	112.46558	84.77494	345.64190	6.99469	0.2092098	0.25621735	2.4550690	20	3 28.3	21.0
326186 2012 CO	17.8	X	126.37331	31.15645	134.48106	3.55645	0.1178089	0.28212211	2.3023851	20	8 11.7	20.9
326187 2012 CO_{1}	17.1	X	347.81684	251.66035	152.09531	2.55780	0.0662799	0.20361706	2.8614968	20	12 5.9	20.8
326188 2012 CV_{1}	17.4	X	42.70687	133.60372	264.34789	2.72572	0.1354900	0.22375693	2.6871076	20	—	—
326189 2012 CB_{3}	16.3	X	140.30103	194.24804	330.01687	4.39268	0.0908897	0.16941830	3.2346640	20	8 14.5	21.2
326190 2012 CE_{5}	17.1	X	69.13292	185.42295	318.11163	0.87661	0.1273588	0.26121938	2.4236271	20	4 27.3	19.8
326191 2012 CK_{7}	16.4	X	178.17061	341.85460	147.27251	1.52578	0.1307050	0.17525461	3.1624458	20	8 9.7	21.3
326192 2012 CH_{8}	16.1	X	195.68113	157.65478	298.62724	3.46204	0.1692915	0.17222525	3.1994219	20	7 15.8	21.3
326193 2012 CN_{8}	16.5	X	321.77732	197.21348	295.23579	3.01678	0.0511425	0.22242254	2.6978441	20	—	—
326194 2012 CB_{9}	15.7	X	278.87919	48.60851	322.08800	6.70597	0.0243461	0.16818710	3.2504308	20	7 18.2	20.3
326195 2012 CA_{12}	17.6	X	337.57202	273.69136	340.00797	5.84009	0.0989857	0.26225637	2.4172340	20	4 22.4	20.2
326196 2012 CD_{13}	17.2	X	104.16628	77.73250	46.07407	2.67674	0.1499502	0.26625306	2.3929832	20	5 22.4	20.2
326197 2012 CX_{13}	17.4	X	270.37787	124.31982	127.95727	2.25694	0.1323820	0.23688164	2.5869127	20	1 20.4	21.3
326198 2012 CN_{14}	17.3	X	318.17857	311.69769	339.51351	6.78213	0.1185143	0.26824376	2.3811292	20	5 11.9	19.9
326199 2012 CH_{15}	16.3	X	128.20405	54.18684	131.96909	2.00766	0.1302244	0.17146719	3.2088446	20	8 31.5	21.2
326200 2012 CR_{15}	17.0	X	250.84422	318.26202	218.81325	1.06282	0.0132223	0.21394265	2.7686696	20	—	—
326201 2012 CS_{17}	17.1	X	283.11893	87.18351	150.51796	2.31412	0.0413614	0.24271117	2.5453228	20	1 26.5	20.4
326202 2012 CW_{18}	16.2	X	1.47432	91.10312	356.44101	24.83583	0.1597804	0.22320042	2.6915723	20	—	—
326203 2012 CW_{20}	17.2	X	83.30969	341.41872	194.90235	6.67665	0.0464533	0.27359379	2.3499857	20	6 22.1	20.1
326204 2012 CG_{21}	17.1	X	192.01576	111.85323	319.05493	6.45767	0.0700397	0.27926836	2.3180434	20	6 16.3	20.3
326205 2012 CK_{21}	18.0	X	57.72343	6.26213	173.55102	1.04260	0.1242913	0.26484863	2.4014353	20	6 1.4	20.4
326206 2012 CN_{21}	15.5	X	256.14697	140.27790	283.22993	10.63934	0.0451191	0.18003647	3.1061974	20	8 18.3	20.1
326207 2012 CH_{25}	15.6	X	134.18888	27.74386	246.90815	6.16202	0.2403294	0.19584812	2.9366788	20	12 22.7	20.8
326208 2012 CP_{28}	16.6	X	234.88211	165.88219	313.51825	9.11128	0.0646998	0.18856737	3.0117923	20	9 29.4	21.0
326209 2012 CL_{35}	17.5	X	62.03393	215.97610	333.61454	3.29037	0.1778537	0.26818650	2.3814682	20	7 2.7	20.1
326210 2012 CG_{37}	16.0	X	87.77848	128.31712	150.71100	3.42282	0.0714877	0.18787278	3.0192110	20	11 7.0	20.3
326211 2012 CP_{38}	16.2	X	137.01664	332.17610	201.62436	2.29268	0.0824961	0.17078638	3.2173667	20	8 21.3	21.0
326212 2012 CC_{39}	13.6	X	279.86148	305.31990	157.53974	5.33899	0.0352766	0.08037561	5.3176515	20	10 25.5	20.6
326213 2012 CJ_{39}	18.0	X	124.67814	194.82830	313.32637	1.93738	0.1192868	0.28072032	2.3100435	20	7 16.7	21.2
326214 2012 CM_{39}	16.9	X	128.30498	342.36834	313.34862	3.45559	0.0477620	0.21199442	2.7856065	20	—	—
326215 2012 CA_{41}	17.4	X	312.75980	151.29703	332.92965	3.50488	0.0514634	0.21476546	2.7615936	20	—	—
326216 2012 CC_{42}	17.0	X	241.26555	161.84060	339.98531	4.72154	0.0863866	0.19800264	2.9153367	20	11 5.4	21.2
326217 2012 CK_{42}	16.2	X	256.66114	13.92501	65.82953	2.56304	0.0606645	0.18393911	3.0621044	20	9 12.3	20.4
326218 2012 CX_{43}	17.6	X	50.37850	96.22255	140.82540	3.33412	0.1793435	0.27693124	2.3310669	20	8 25.1	20.2
326219 2012 CM_{44}	17.1	X	298.54147	49.95502	87.37769	3.59863	0.1788560	0.21290292	2.7776763	20	—	—
326220 2012 CM_{47}	17.6	X	101.90741	174.86822	52.30175	4.57675	0.1568182	0.28912102	2.2650769	20	10 11.9	20.8
326221 2012 CD_{50}	16.9	X	69.80912	12.21875	159.08099	2.55048	0.1222064	0.26373095	2.4082153	20	6 7.9	19.8
326222 2012 CQ_{50}	16.3	X	147.15911	343.90736	188.72692	4.22462	0.1477061	0.17335979	3.1854476	20	9 1.7	21.4
326223 2012 DH_{1}	16.5	X	83.57375	217.67604	154.25939	6.05716	0.0123152	0.21934355	2.7230323	20	—	—
326224 2012 DL_{5}	16.9	X	238.32503	117.21700	123.35017	4.03665	0.2520488	0.21715560	2.7412924	20	—	—
326225 2012 DW_{5}	18.1	X	275.60407	104.58022	320.79024	0.21525	0.0468762	0.30290919	2.1958083	20	10 10.1	20.2
326226 2012 DR_{6}	17.1	X	140.84823	97.83544	14.25412	6.86609	0.0670687	0.27457018	2.3444113	20	6 9.9	20.4
326227 2012 DZ_{6}	16.5	X	1.17406	240.65247	160.16144	6.35133	0.0896120	0.20527988	2.8460234	20	12 23.8	20.2
326228 2012 DQ_{7}	16.7	X	215.45625	244.72961	77.39523	5.79263	0.0449646	0.24624018	2.5209454	20	2 24.4	20.2
326229 2012 DY_{7}	16.2	X	245.86018	29.03342	3.59668	10.75419	0.1474139	0.28388663	2.2928348	20	6 20.3	19.5
326230 2012 DE_{8}	16.1	X	195.87267	355.16703	151.24527	10.01124	0.0728661	0.17908530	3.1171862	20	9 22.7	20.8
326231 2012 DS_{8}	17.2	X	24.73777	54.08197	52.01286	6.11226	0.2206987	0.23643503	2.5901694	20	—	—
326232 2012 DS_{9}	17.2	X	28.86649	291.63504	345.93332	2.98366	0.1490519	0.28407207	2.2918368	20	9 15.5	19.6
326233 2012 DD_{17}	16.3	X	1.69877	278.80788	134.92235	9.16536	0.0796905	0.20461919	2.8521464	20	—	—
326234 2012 DK_{17}	15.8	X	207.32380	331.61264	146.68400	13.34013	0.2497760	0.17861203	3.1226903	20	8 17.1	21.2
326235 2012 DO_{18}	15.5	X	202.31674	135.06959	330.18231	13.38607	0.0650971	0.17136222	3.2101550	20	8 9.6	20.2
326236 2012 DC_{20}	16.6	X	123.43137	78.25053	93.70019	10.79757	0.1016744	0.28152152	2.3056585	20	8 19.1	20.0
326237 2012 DG_{20}	15.6	X	170.76788	31.54961	119.88277	14.97026	0.1436068	0.17120454	3.2121256	20	9 1.5	20.9
326238 2012 DN_{20}	17.7	X	91.45780	241.25704	287.67462	2.14837	0.0878727	0.27252314	2.3561366	20	6 29.9	20.7
326239 2012 DT_{20}	15.9	X	192.04560	320.37251	166.83351	5.47591	0.0845158	0.17499739	3.1655439	20	8 22.3	20.7
326240 2012 DB_{21}	16.6	X	293.49218	339.45475	154.42979	8.60582	0.1589798	0.20905297	2.8116752	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326241 2012 DG_{21}	16.6	X	331.48018	154.61410	17.43222	4.31248	0.1516352	0.23059487	2.6337201	20	—	—
326242 2012 DS_{21}	17.1	X	8.45320	22.02431	143.12609	0.86029	0.0788320	0.24153621	2.5535707	20	2 14.4	19.9
326243 2012 DT_{21}	16.3	X	56.43592	228.74789	161.47508	6.91804	0.0147473	0.21266592	2.7797396	20	—	—
326244 2012 DN_{24}	16.0	X	128.49350	105.45565	149.44918	9.00864	0.1098794	0.18279831	3.0748311	20	11 23.3	20.9
326245 2012 DG_{25}	16.5	X	26.36993	359.63794	120.63045	6.13781	0.1385825	0.23216948	2.6217984	20	1 13.5	19.0
326246 2012 DL_{25}	16.7	X	310.25508	110.63173	46.24845	4.01945	0.1346756	0.21708482	2.7418882	20	—	—
326247 2012 DS_{25}	17.2	X	200.74794	27.14215	67.41438	3.51857	0.1249035	0.28248432	2.3004165	20	7 27.4	20.5
326248 2012 DB_{26}	15.5	X	267.52990	344.60133	152.07379	10.46826	0.0345352	0.19337810	2.9616326	20	12 11.4	19.7
326249 2012 DM_{26}	17.2	X	40.00709	148.97014	137.07261	6.57218	0.1833176	0.28158386	2.3053182	20	10 23.5	20.0
326250 2012 DC_{27}	17.8	X	68.43078	256.85772	305.18575	4.05707	0.1181867	0.27307052	2.3529869	20	7 20.5	20.4
326251 2012 DU_{36}	16.5	X	279.07361	19.91247	158.86586	13.77146	0.0947886	0.21824149	2.7321917	20	—	—
326252 2012 DC_{41}	16.7	X	316.15576	262.91371	168.07968	2.21140	0.0451123	0.19832720	2.9121553	20	11 23.9	20.5
326253 2012 DF_{42}	16.1	X	209.08406	312.99602	153.89473	6.64689	0.0555062	0.17413595	3.1759751	20	8 18.1	20.9
326254 2012 DD_{43}	17.7	X	29.32514	74.17666	150.83737	4.79998	0.1824492	0.26454688	2.4032611	20	6 28.4	19.9
326255 2012 DN_{48}	17.4	X	30.76352	253.11681	352.11254	5.73564	0.1816996	0.26886853	2.3774391	20	8 5.4	19.7
326256 2012 DK_{53}	16.3	X	194.20823	127.17564	139.91687	5.08634	0.0215639	0.21184373	2.7869273	20	—	—
326257 2012 DK_{56}	16.2	X	134.59240	46.61402	272.88229	4.65666	0.0165793	0.21738126	2.7393949	20	—	—
326258 2012 DV_{59}	15.3	X	190.02000	40.39981	95.40958	10.48735	0.0409706	0.17499231	3.1656051	20	9 7.3	20.1
326259 2012 DO_{66}	17.0	X	289.03062	55.06068	147.40349	4.01359	0.0321473	0.22847116	2.6500158	20	—	—
326260 2012 DE_{67}	16.7	X	148.24813	122.37432	144.84108	2.67025	0.0236893	0.20264064	2.8706815	20	12 29.5	20.7
326261 2012 DZ_{75}	15.2	X	144.21598	39.59289	161.21959	26.76933	0.1505520	0.17465450	3.1696857	20	10 6.8	20.5
326262 2012 EP_{1}	16.7	X	195.65325	136.54293	3.23012	0.32370	0.1362135	0.18099641	3.0952050	20	9 8.6	21.4
326263 2741 $P–L$	15.4	X	2.33389	26.48761	17.11808	20.16120	0.1336189	0.19952984	2.9004417	20	—	—
326264 3488 $T–3$	17.7	X	293.52814	141.47898	212.15110	0.57612	0.2019478	0.27203554	2.3589512	20	6 21.9	20.0
326265 3494 $T–3$	17.6	X	310.57001	209.24209	131.52832	0.66463	0.2343581	0.27268782	2.3551879	20	6 28.4	19.6
326266 5087 $T–3$	16.5	X	50.17132	281.33747	118.89755	8.63938	0.1845240	0.21222578	2.7835816	20	—	—
326267 1993 BG_{8}	15.1	X	17.65213	246.52917	120.15559	17.59465	0.1327923	0.17194376	3.2029127	20	12 4.6	19.5
326268 1993 TT_{2}	17.9	X	121.94181	56.81841	242.03525	3.00281	0.2523989	0.30255441	2.1975245	20	—	—
326269 1994 LL_{4}	17.4	X	45.51132	183.23676	73.09144	6.44019	0.2002628	0.27061943	2.3671734	20	9 21.1	20.3
326270 1994 SO_{7}	18.2	X	34.66442	104.36691	172.15256	3.61326	0.2722408	0.26594129	2.3948530	20	10 12.1	20.9
326271 1995 BK_{14}	15.5	X	89.47830	207.91613	141.79797	13.50102	0.0950578	0.18895174	3.0077065	20	—	—
326272 1995 BG_{15}	16.8	X	149.91063	343.11453	79.90794	2.29402	0.1310580	0.24352395	2.5396562	20	4 22.6	20.5
326273 1995 DP_{7}	16.1	X	128.18071	120.04929	147.34983	5.87889	0.1037937	0.17925783	3.1151858	20	12 5.4	21.1
326274 1995 QM_{14}	17.8	X	8.67351	87.08964	201.01065	5.89202	0.1069309	0.27308947	2.3528780	20	8 15.6	20.2
326275 1995 SR_{34}	17.4	X	329.76283	318.84993	1.09491	7.11407	0.1932719	0.27324729	2.3519720	20	7 18.5	19.3
326276 1995 SE_{43}	17.6	X	66.58303	221.91630	41.16933	3.98067	0.1286698	0.27697349	2.3308299	20	10 14.9	20.6
326277 1995 WS_{28}	16.6	X	122.09864	171.26031	166.93769	4.65602	0.0723367	0.20843993	2.8171855	20	—	—
326278 1996 GA_{16}	18.0	X	153.99167	25.44389	199.67703	4.95193	0.1317079	0.30534470	2.1841165	20	12 1.2	21.1
326279 1996 RE_{7}	16.4	X	230.52366	156.43040	171.69887	13.95898	0.1826701	0.23252362	2.6191357	20	3 10.9	20.8
326280 1996 TU_{27}	16.6	X	21.24513	40.11900	68.42741	6.22518	0.1231278	0.21950776	2.7216741	20	—	—
326281 1996 VT_{11}	17.7	X	338.00374	194.24387	153.81399	5.98228	0.1550194	0.28471861	2.2883660	20	9 29.7	19.3
326282 1996 VN_{25}	16.6	X	306.24569	141.96574	59.66457	5.96627	0.1008322	0.21997188	2.7178445	20	1 5.6	20.3
326283 1996 VZ_{25}	17.7	X	351.56996	179.58018	180.32965	6.92321	0.1437058	0.28727934	2.2747471	20	11 15.4	19.8
326284 1996 XX_{3}	18.1	X	189.22543	25.96257	57.30151	5.03539	0.1923512	0.27503643	2.3417610	20	6 26.0	21.9
326285 1996 XZ_{7}	17.1	X	296.59233	318.39260	87.12042	7.41334	0.1001059	0.28450927	2.2894883	20	10 10.4	19.4
326286 1997 SO_{30}	16.9	X	318.56788	238.58704	20.40483	5.01541	0.0717384	0.24132913	2.5550313	20	4 7.3	20.0
326287 1997 UB_{6}	16.7	X	189.54159	169.84178	214.78666	6.53537	0.1579328	0.24046274	2.5611648	20	4 12.3	20.7
326288 1997 UQ_{9}	15.2	X	20.40658	338.25452	30.76911	18.87394	0.2579993	0.17501697	3.1653078	20	12 25.5	19.6
326289 1997 WY_{6}	15.9	X	64.61819	233.27057	79.55042	5.59442	0.1406173	0.17217880	3.1999972	20	11 26.4	20.6
326290 Akhenaten	21.8	X	191.41219	309.34312	53.45776	3.37848	0.4402056	1.19615890	0.8789081	20	—	—
326291 1998 HM_{3}	19.0	X	190.05951	137.09606	210.81674	39.32959	0.0621893	0.70816049	1.2465650	20	—	—
326292 1998 HR_{3}	16.1	X	214.33938	99.05064	191.57508	16.29855	0.1513611	0.21300152	2.7768190	20	1 13.0	20.9
326293 1998 MH_{6}	17.3	X	15.78968	344.98822	288.15825	6.23185	0.1186460	0.26941359	2.3742314	20	8 7.3	19.7
326294 1998 RE_{31}	17.0	X	321.05117	140.70908	186.56360	9.73949	0.2464652	0.26583200	2.3955094	20	6 26.8	19.1
326295 1998 RU_{31}	15.7	X	20.32126	192.17599	193.93235	9.80363	0.2939609	0.18666330	3.0322389	20	—	—
326296 1998 SC_{44}	17.1	X	253.00446	52.65958	304.41231	1.38532	0.2187649	0.25775595	2.4452893	20	5 2.4	20.7
326297 1998 SQ_{51}	17.6	X	324.21263	3.22016	324.78586	1.43715	0.2241522	0.26395557	2.4068489	20	7 10.9	19.1
326298 1998 SW_{56}	16.9	X	285.74416	2.51596	15.78201	5.51995	0.2305837	0.26472427	2.4021874	20	7 12.0	19.6
326299 1998 SN_{172}	16.6	X	328.22259	60.55762	340.54849	3.00012	0.1296834	0.18221526	3.0813868	20	10 27.5	20.3
326300 1998 TL_{14}	16.4	X	325.45319	215.54579	193.72714	5.28177	0.0989355	0.18145170	3.0900253	20	11 5.0	20.2
326301 1998 TS_{26}	16.8	X	193.41939	10.47613	31.52792	5.70397	0.0802733	0.25304793	2.4755262	20	5 8.5	20.4
326302 1998 VN	20.5	X	31.87832	245.90118	227.97089	12.03503	0.3449678	0.60338464	1.3869896	20	—	—
326303 1998 VY_{31}	16.4	X	252.16223	335.95160	20.43475	13.71771	0.2555907	0.25654648	2.4529687	20	4 25.4	20.3
326304 1998 WO_{26}	16.5	X	61.46317	332.67033	26.03010	2.90493	0.2054207	0.18666963	3.0321704	20	—	—
326305 1998 WK_{40}	17.1	X	307.05646	103.62207	236.54993	1.40267	0.2267590	0.26142741	2.4223411	20	6 20.9	19.1
326306 1998 XY_{4}	16.9	X	25.27924	60.73428	58.07775	30.22641	0.3746312	0.23428143	2.6060184	20	—	—
326307 1998 XE_{10}	16.4	X	221.97871	295.16484	69.30387	10.06298	0.2698933	0.25362497	2.4717699	20	4 16.1	20.8
326308 1999 FS_{73}	16.9	X	160.68614	331.84108	8.06716	12.63193	0.0170900	0.22694606	2.6618747	20	1 14.3	20.8
326309 1999 RF_{2}	17.6	X	50.81627	135.06476	167.71809	2.67169	0.1614408	0.28766379	2.2727199	20	11 24.4	20.6
326310 1999 RO_{153}	17.6	X	15.45989	135.82582	216.27690	4.64095	0.2595390	0.28798614	2.2710236	20	12 29.9	20.3
326311 1999 RL_{162}	16.0	X	158.65629	314.15635	29.23701	10.18466	0.2591134	0.20967554	2.8061069	20	2 8.3	20.9
326312 1999 TG_{69}	17.1	X	291.02386	170.30830	217.86300	5.67424	0.1098083	0.27768629	2.3268395	20	8 24.1	19.6
326313 1999 TJ_{140}	16.2	X	160.75125	134.16298	216.92440	6.92204	0.2342702	0.20930420	2.8094249	20	2 10.9	21.1
326314 1999 TJ_{204}	17.1	X	254.74063	19.31909	13.58547	6.52570	0.2244484	0.27300800	2.3533461	20	6 20.9	20.5
326315 1999 UE_{22}	17.5	X	31.14386	147.93543	168.32888	0.66588	0.2272109	0.28427579	2.2907417	20	11 26.6	20.4
326316 1999 UH_{29}	16.2	X	141.02606	301.42205	34.37915	11.15499	0.1372991	0.20537412	2.8451527	20	1 1.3	20.6
326317 1999 VN_{23}	16.1	X	154.60678	309.58740	58.19707	6.79608	0.4888181	0.21077280	2.7963595	20	3 14.1	21.7
326318 1999 VK_{85}	15.8	X	199.29910	267.03541	76.22228	15.22576	0.4451109	0.21604735	2.7506590	20	3 11.0	21.6
326319 1999 VV_{124}	17.7	X	12.69962	234.76803	76.97779	5.32851	0.1610426	0.27805082	2.3248053	20	10 13.3	20.0
326320 1999 VK_{131}	16.5	X	108.18737	271.50551	44.86664	12.77481	0.0375039	0.19475047	2.9477028	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326321 1999 VT_{180}	16.6	X	31.76895	290.93805	59.08462	23.48555	0.2953187	0.28832833	2.2692265	20	—	—
326322 1999 VW_{205}	17.3	X	218.95830	335.48975	62.32946	2.48850	0.1970559	0.26860606	2.3789876	20	5 24.7	21.0
326323 1999 VY_{210}	15.6	X	359.14263	138.46657	242.57184	15.00596	0.1801735	0.18893215	3.0079143	20	12 1.0	18.9
326324 1999 XP_{69}	17.5	X	272.32138	136.74632	256.10224	3.10852	0.2284277	0.27307538	2.3529590	20	7 12.3	20.2
326325 1999 XL_{217}	16.1	X	210.96400	27.18467	102.66599	7.32726	0.2279351	0.17624821	3.1505490	20	9 6.9	21.4
326326 1999 XN_{223}	15.6	X	292.80932	22.06794	105.20921	11.24495	0.0324810	0.18667986	3.0320596	20	12 29.6	19.6
326327 1999 YR_{8}	15.6	X	15.29360	274.37549	108.04015	10.98284	0.0662730	0.18415424	3.0597192	20	12 12.6	19.7
326328 2000 BO_{9}	15.7	X	142.18070	127.97416	134.19321	15.69524	0.1272996	0.18023459	3.1039207	20	12 14.0	20.9
326329 2000 EY_{15}	15.7	X	44.03833	201.51946	168.08026	12.13770	0.1370402	0.18029560	3.1032204	20	—	—
326330 2000 ES_{72}	17.2	X	81.02568	195.33086	330.52541	2.08282	0.1389950	0.25567996	2.4585078	20	6 18.6	20.4
326331 2000 EA_{99}	16.6	X	60.20005	35.50115	169.43994	7.20486	0.0492813	0.25607934	2.4559510	20	6 29.3	19.8
326332 2000 GS_{146}	17.9	X	263.41436	80.79320	33.68474	46.84834	0.1971981	0.66161126	1.3043700	20	—	—
326333 2000 KX_{4}	16.2	X	284.50411	246.23064	73.41983	11.27731	0.4522761	0.24042516	2.5614316	20	3 28.3	20.7
326334 2000 QK_{7}	16.8	X	269.74700	160.90004	164.69632	13.75508	0.2868637	0.23653446	2.5894435	20	4 5.6	20.9
326335 2000 QF_{63}	16.6	X	205.75276	204.81008	134.67175	13.58053	0.1939728	0.22760149	2.6567620	20	3 6.3	21.1
326336 2000 QU_{93}	16.6	X	283.40276	122.33309	183.22854	11.29479	0.1976165	0.23625559	2.5914808	20	4 3.5	20.1
326337 2000 QC_{145}	16.1	X	240.41018	159.16791	158.79581	18.32663	0.2123159	0.22994394	2.6386882	20	3 6.6	20.4
326338 2000 QM_{197}	16.1	X	257.73594	328.30126	337.12001	7.10701	0.1911780	0.23247856	2.6194741	20	3 6.9	20.2
326339 2000 RZ_{56}	16.7	X	18.60118	130.23472	329.96745	5.80128	0.0076448	0.21515611	2.7582498	20	—	—
326340 2000 RC_{79}	16.1	X	259.28602	132.06030	202.45090	31.26398	0.3175697	0.23219702	2.6215911	20	4 1.4	20.5
326341 2000 RD_{98}	16.4	X	217.09360	91.91722	238.80056	11.30681	0.2895638	0.22819602	2.6521455	20	2 24.6	21.5
326342 2000 RT_{106}	17.2	X	213.50657	208.31871	112.29813	3.45275	0.1589735	0.22704846	2.6610744	20	2 18.3	21.5
326343 2000 SF_{13}	16.7	X	242.49601	182.77579	158.39618	5.33972	0.2959008	0.23378227	2.6097265	20	3 31.2	21.3
326344 2000 SR_{26}	16.7	X	231.94780	139.12906	184.46840	11.28621	0.2028791	0.23022379	2.6365494	20	3 4.6	21.1
326345 2000 SM_{34}	16.3	X	245.26631	169.17038	175.40477	13.49448	0.1593599	0.23321113	2.6139857	20	4 18.3	20.4
326346 2000 SZ_{55}	16.1	X	276.91926	110.01529	189.47020	11.19308	0.1734823	0.23258138	2.6187020	20	3 21.3	20.0
326347 2000 SU_{81}	15.9	X	202.61306	153.73496	181.77853	14.04009	0.1083064	0.22422883	2.6833362	20	2 23.9	20.1
326348 2000 SB_{136}	16.8	X	315.25026	164.77628	230.10627	6.37489	0.1680755	0.29698044	2.2249358	20	10 26.8	18.3
326349 2000 SP_{202}	16.5	X	172.18254	196.30351	183.03912	13.55361	0.1664924	0.22564436	2.6721022	20	3 22.6	20.6
326350 2000 SS_{217}	17.6	X	103.87239	264.12945	70.91604	7.00755	0.2958882	0.31190456	2.1533844	20	—	—
326351 2000 SX_{245}	17.3	X	315.31021	347.36509	47.63794	5.10310	0.1618097	0.29774588	2.2211210	20	10 29.1	18.5
326352 2000 SD_{263}	16.2	X	63.39425	20.62604	28.28018	9.54096	0.1997728	0.21328643	2.7743456	20	—	—
326353 2000 SC_{268}	16.1	X	231.19981	136.07817	194.40048	14.38116	0.1415975	0.22903303	2.6456799	20	3 15.3	20.3
326354 2000 SJ_{344}	22.7	X	43.53156	18.87221	14.75173	5.75492	0.1747753	0.80924775	1.1404644	20	—	—
326355 2000 SA_{347}	16.4	X	275.36513	173.50809	144.65688	14.68499	0.2984312	0.23482997	2.6019585	20	4 2.1	20.6
326356 2000 SP_{361}	16.5	X	167.40201	287.11917	70.32684	6.32749	0.2116374	0.22335445	2.6903346	20	2 26.6	21.0
326357 2000 SH_{367}	16.4	X	213.70763	32.55888	286.03649	12.08031	0.1650887	0.22694889	2.6618526	20	2 11.4	20.8
326358 2000 TV_{35}	16.3	X	31.24778	217.31828	221.33173	8.77993	0.2012306	0.21071199	2.7968975	20	—	—
326359 2000 TD_{41}	16.4	X	49.79300	214.74254	189.76473	8.98930	0.1551232	0.21204113	2.7851974	20	—	—
326360 2000 TE_{51}	16.4	X	230.40539	273.19966	61.19864	13.08712	0.2913197	0.22914208	2.6448405	20	3 20.5	21.3
326361 2000 UX_{5}	17.5	X	346.03335	6.59187	30.30643	7.55244	0.1589721	0.29949543	2.2124625	20	—	—
326362 2000 UD_{19}	15.6	X	187.11544	185.11012	179.37400	18.23047	0.2018935	0.22403312	2.6848987	20	3 18.4	20.2
326363 2000 UW_{81}	16.3	X	136.58644	342.29360	36.96967	14.30790	0.1937296	0.22039067	2.7144004	20	2 28.6	20.7
326364 2000 VC_{2}	16.0	X	177.60922	63.46509	60.06466	21.39906	0.3294565	0.28118659	2.3074890	20	8 11.5	20.7
326365 2000 VR_{19}	16.2	X	62.91089	202.32619	215.11513	8.16625	0.1395541	0.21185349	2.7868417	20	—	—
326366 2000 WV_{21}	16.1	X	209.58636	278.10285	74.09004	12.23024	0.2605650	0.22680937	2.6629442	20	3 27.2	21.0
326367 2000 WU_{30}	15.7	X	196.76129	261.66768	86.67757	12.90649	0.2167884	0.22276315	2.6950933	20	3 13.7	20.6
326368 2000 WE_{63}	15.6	X	245.36063	278.89379	45.56539	28.18087	0.3607632	0.23255152	2.6189262	20	3 24.9	20.9
326369 2000 WO_{74}	17.7	X	260.64392	26.85962	33.42868	7.52633	0.1737321	0.28913358	2.2650112	20	8 19.9	20.4
326370 2000 WW_{74}	17.1	X	341.52147	9.53016	37.38437	6.40581	0.1305086	0.29931188	2.2133669	20	—	—
326371 2000 WN_{120}	16.6	X	8.12180	13.21904	51.29354	7.25068	0.2952620	0.20167774	2.8798115	20	—	—
326372 2000 WF_{184}	17.4	X	259.72386	282.53472	135.24644	3.48831	0.1419394	0.28833679	2.2691821	20	8 16.4	20.0
326373 2000 XT_{14}	16.3	X	152.80876	213.68950	270.10737	24.20162	0.2172444	0.27927209	2.3180227	20	7 12.6	20.3
326374 2000 XO_{15}	15.9	X	162.98631	114.33290	245.01094	7.67617	0.1933429	0.21852484	2.7298294	20	2 18.3	20.6
326375 2001 BP_{53}	17.1	X	107.86916	69.72973	116.48095	7.44784	0.2470956	0.27463720	2.3440299	20	8 31.1	20.9
326376 2001 CE_{7}	17.0	X	135.27064	36.04747	123.47939	5.42077	0.1338569	0.27603127	2.3361310	20	8 13.9	20.4
326377 2001 DX_{22}	16.4	X	206.84619	108.04011	94.60223	2.86786	0.2803928	0.18765734	3.0215214	20	11 21.9	21.5
326378 2001 DK_{79}	15.2	X	21.18556	88.88809	252.29763	10.04222	0.0061257	0.18442686	3.0567032	20	10 20.1	19.6
326379 2001 FM_{58}	15.6	X	214.90563	223.08286	309.99961	14.04206	0.2724537	0.18466738	3.0540484	20	10 18.6	21.0
326380 2001 FG_{74}	15.5	X	203.63365	62.11642	183.66938	14.14116	0.4129779	0.18562695	3.0435144	20	12 27.2	21.2
326381 2001 FS_{175}	16.9	X	162.62737	333.01900	153.53086	22.18735	0.2127913	0.27482114	2.3429838	20	7 27.6	21.1
326382 2001 HQ_{19}	15.9	X	134.86368	68.77057	219.21896	14.46662	0.2192872	0.18011947	3.1052432	20	—	—
326383 2001 HG_{32}	17.4	X	153.80878	122.14282	64.11744	23.64264	0.0572097	0.37900022	1.8910793	20	11 4.0	19.7
326384 2001 HQ_{67}	17.2	X	92.97306	98.20921	103.05686	7.50048	0.2069630	0.27005557	2.3704672	20	9 2.6	20.8
326385 2001 KO_{51}	17.0	X	342.49591	56.11020	238.09014	13.79466	0.2882054	0.26018582	2.4300412	20	6 23.1	18.3
326386 2001 OA_{14}	18.5	X	107.97644	144.39026	309.52052	29.24334	0.4216715	0.86747297	1.0888434	20	—	—
326387 2001 OL_{68}	15.9	X	176.01056	231.93315	139.28395	14.16894	0.2139077	0.23973509	2.5663446	20	3 20.5	20.3
326388 2001 QD_{96}	18.3	X	258.82814	145.78034	330.29410	17.95925	0.4964703	0.68543471	1.2739684	20	—	—
326389 2001 QC_{117}	16.3	X	151.48030	38.64992	332.38858	17.36918	0.2279550	0.23379874	2.6096039	20	2 25.8	20.5
326390 2001 QZ_{133}	16.8	X	143.89410	194.14476	180.56519	17.94452	0.3100124	0.23414446	2.6070346	20	2 29.1	21.4
326391 2001 QE_{203}	16.4	X	133.31716	14.81904	351.23170	5.01868	0.2528136	0.23359787	2.6110997	20	2 8.2	20.5
326392 2001 QW_{204}	16.7	X	141.27717	180.64267	206.36722	6.61321	0.1872406	0.23612499	2.5924363	20	3 2.2	20.7
326393 2001 QX_{265}	16.1	X	150.76129	203.75480	191.42120	29.53629	0.0781807	0.24082183	2.5586182	20	3 11.7	20.1
326394 2001 QS_{327}	17.0	X	205.94757	146.91648	205.58167	11.99331	0.1369823	0.24110705	2.5566000	20	3 17.1	21.1
326395 2001 RM_{24}	16.6	X	106.07624	249.71158	166.32896	11.73578	0.1720215	0.23405074	2.6077305	20	2 29.3	20.2
326396 2001 RZ_{37}	16.5	X	145.86789	213.86408	171.45941	13.06023	0.2850576	0.23587022	2.5943027	20	3 14.2	20.8
326397 2001 RO_{91}	16.7	X	3.79926	286.72915	154.45347	7.06855	0.4143730	0.21703698	2.7422911	20	—	—
326398 2001 RH_{97}	16.7	X	115.14376	73.58698	340.87752	2.97266	0.1406755	0.23555914	2.5965862	20	3 5.1	20.2
326399 2001 RJ_{115}	17.0	X	173.18720	15.40935	2.67513	6.05858	0.1129057	0.23935235	2.5690797	20	3 19.2	20.9
326400 2001 SH_{67}	16.4	X	61.01744	192.15930	190.63174	8.99465	0.2920448	0.21981418	2.7191443	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326401 2001 SP_{100}	17.1	X	265.16741	119.95383	189.59772	12.09952	0.0560966	0.24327565	2.5413840	20	4 5.1	20.4
326402 2001 SB_{119}	16.5	X	104.30449	101.64477	200.76215	10.87686	0.3551546	0.16887315	3.2416215	20	—	—
326403 2001 SQ_{128}	17.2	X	227.69168	162.47807	176.25296	16.44734	0.2034868	0.24307338	2.5427936	20	3 20.1	21.5
326404 2001 SW_{136}	17.2	X	196.83540	173.35795	188.43703	14.42457	0.1602489	0.23966327	2.5668573	20	3 21.7	21.5
326405 2001 SL_{137}	17.3	X	127.82621	72.38783	310.28495	1.02691	0.2302153	0.23148889	2.6269347	20	2 19.6	21.3
326406 2001 SK_{146}	16.7	X	344.19834	78.45510	0.27783	25.38795	0.3322182	0.21477209	2.7615367	20	—	—
326407 2001 SO_{171}	16.5	X	156.66246	27.83465	20.99460	7.42112	0.1088449	0.23971630	2.5664787	20	4 9.4	20.4
326408 2001 SQ_{177}	16.2	X	198.69056	351.87309	33.34148	15.04026	0.1399311	0.24097858	2.5575085	20	4 22.5	20.0
326409 2001 SG_{205}	15.6	X	50.04159	127.62319	173.04936	16.69796	0.1156190	0.15838274	3.3832245	20	10 22.3	20.4
326410 2001 SM_{211}	16.8	X	225.36465	335.42529	4.42702	13.69713	0.1861293	0.24187368	2.5511949	20	3 20.7	21.0
326411 2001 SV_{219}	16.8	X	209.75103	166.50296	180.32016	14.67362	0.0863071	0.23959969	2.5673114	20	3 16.9	20.6
326412 2001 SW_{229}	16.9	X	178.99837	332.24647	30.14242	5.60753	0.1508836	0.23624152	2.5915836	20	3 9.1	21.0
326413 2001 SU_{323}	16.8	X	106.06094	60.66227	335.43441	11.49368	0.2746993	0.22858589	2.6491290	20	2 20.1	20.6
326414 2001 SB_{326}	16.2	X	107.02835	66.88297	354.09089	29.34743	0.0810024	0.23393062	2.6086231	20	3 2.5	19.8
326415 2001 SK_{326}	16.4	X	146.03400	202.49587	198.95080	6.14546	0.1125453	0.23924047	2.5698806	20	3 18.8	20.2
326416 2001 SV_{342}	16.8	X	46.39026	297.77146	185.36470	13.15780	0.2162117	0.23140725	2.6275525	20	3 1.2	19.4
326417 2001 TN_{12}	16.2	X	103.56397	17.98933	33.36880	14.03239	0.1848617	0.22803792	2.6533711	20	3 1.6	20.0
326418 2001 TH_{27}	17.0	X	167.67458	167.80195	217.50837	11.12221	0.1767158	0.23624060	2.5915904	20	3 23.1	21.3
326419 2001 TO_{30}	16.1	X	149.76071	335.83017	48.61670	16.10001	0.1725636	0.23326243	2.6136024	20	3 16.9	20.5
326420 2001 TS_{54}	16.5	X	118.27744	206.25226	204.09185	16.12390	0.2359806	0.23272300	2.6176396	20	3 12.8	20.5
326421 2001 TU_{76}	16.7	X	131.99624	354.71105	41.56827	3.62424	0.2677998	0.23126250	2.6286489	20	3 16.2	20.9
326422 2001 TN_{99}	16.9	X	260.34095	81.78582	253.76089	3.46686	0.1645851	0.24498979	2.5295158	20	4 18.0	20.7
326423 2001 TT_{111}	15.9	X	82.73408	201.96181	229.65846	14.70886	0.1208506	0.22810601	2.6528431	20	2 5.5	19.5
326424 2001 TA_{130}	17.1	X	324.37088	31.84350	215.48279	3.53287	0.0168843	0.23897615	2.5717752	20	4 6.4	20.4
326425 2001 TJ_{155}	17.4	X	161.18784	153.29156	213.05630	3.00273	0.2052117	0.23259176	2.6186242	20	2 26.8	21.7
326426 2001 TO_{156}	17.3	X	82.69714	23.04615	31.52315	4.37068	0.1078437	0.22760278	2.6567520	20	1 19.6	20.6
326427 2001 TT_{158}	16.7	X	109.31390	249.56883	194.51316	11.54247	0.1380361	0.23600927	2.5932836	20	4 5.1	20.2
326428 2001 TW_{165}	16.5	X	152.87265	9.06562	22.47805	13.53140	0.1962219	0.23396076	2.6083990	20	3 24.6	20.7
326429 2001 TF_{207}	16.3	X	355.55578	206.34802	16.15668	11.60002	0.1417737	0.24232734	2.5480099	20	4 9.1	18.9
326430 2001 TY_{240}	16.1	X	59.33603	65.00218	28.96453	14.14428	0.0659412	0.22705022	2.6610606	20	2 6.1	19.7
326431 2001 TM_{250}	16.3	X	48.32671	114.17971	24.08051	14.27200	0.0418133	0.23641817	2.5902926	20	3 15.6	19.6
326432 2001 UG_{34}	16.1	X	156.74702	281.89876	90.73231	7.31906	0.3020056	0.23353711	2.6115526	20	3 11.8	20.8
326433 2001 UF_{48}	16.6	X	70.58455	7.29668	58.13158	8.74940	0.2313321	0.22460512	2.6803383	20	2 4.7	19.6
326434 2001 UQ_{66}	16.7	X	175.10326	127.10498	244.41683	8.96573	0.1611008	0.23605042	2.5929822	20	3 10.8	21.1
326435 2001 UO_{99}	17.1	X	270.73071	259.32116	72.47405	4.60647	0.2247540	0.24586123	2.5235351	20	4 20.0	20.9
326436 2001 UK_{122}	15.7	X	12.65612	224.04848	224.98945	34.45116	0.2392400	0.21734501	2.7396995	20	—	—
326437 2001 UB_{145}	17.3	X	345.45141	44.23182	44.96664	10.82748	0.3022043	0.21362568	2.7714076	20	—	—
326438 2001 UT_{179}	15.9	X	189.03235	317.25257	51.49857	29.75126	0.0750210	0.23737190	2.5833496	20	4 8.5	20.2
326439 2001 UO_{202}	17.0	X	54.62321	157.86462	282.07467	3.36309	0.1232069	0.22476170	2.6790933	20	1 9.9	20.0
326440 2001 UZ_{206}	16.2	X	66.89330	44.39300	61.57834	14.11591	0.2219035	0.22961004	2.6412457	20	3 28.3	19.4
326441 2001 UV_{228}	16.4	X	71.01527	354.01177	86.96650	11.72953	0.1261956	0.22674107	2.6634789	20	2 10.7	19.7
326442 2001 VF	15.5	X	350.57628	333.40324	104.12832	29.92576	0.2737152	0.21391686	2.7688922	20	—	—
326443 2001 VT_{21}	16.5	X	121.49499	175.92543	227.57821	11.97850	0.2251722	0.22968128	2.6406995	20	3 4.9	20.7
326444 2001 VJ_{25}	16.7	X	168.24393	336.18314	50.44155	8.65096	0.1951030	0.23442192	2.6049770	20	4 1.1	21.0
326445 2001 VT_{50}	16.2	X	53.82991	171.12604	276.42777	7.52219	0.2225583	0.22440597	2.6819239	20	1 27.6	18.7
326446 2001 VK_{63}	16.7	X	153.01520	114.86883	276.40654	3.06254	0.2727762	0.23359617	2.6111124	20	3 24.4	21.2
326447 2001 VM_{64}	16.5	X	74.37618	65.59439	340.68232	3.42349	0.2247454	0.22286445	2.6942767	20	1 12.7	19.2
326448 2001 VA_{83}	15.8	X	52.36748	214.92838	226.22951	21.35099	0.0603038	0.22615591	2.6680712	20	—	—
326449 2001 VP_{89}	15.8	X	197.90053	77.46816	253.29829	11.19892	0.1939201	0.23352354	2.6116538	20	2 10.9	20.5
326450 2001 VZ_{92}	16.6	X	83.24565	240.37523	152.84518	9.18175	0.2554585	0.22270182	2.6955881	20	1 13.7	19.7
326451 2001 VE_{107}	16.8	X	203.25531	316.32161	32.89492	5.26825	0.2419868	0.23651666	2.5895734	20	3 14.3	21.3
326452 2001 VV_{133}	16.9	X	301.87002	98.50952	179.99290	14.20686	0.1004393	0.23968534	2.5666997	20	4 6.9	20.1
326453 2001 WR_{24}	16.8	X	184.34393	130.07401	238.97099	5.04365	0.1092617	0.23423940	2.6063301	20	3 16.9	20.9
326454 2001 WV_{27}	16.3	X	167.31911	333.67375	68.18890	13.80183	0.1497838	0.23564894	2.5959264	20	4 19.2	20.6
326455 2001 WL_{53}	16.9	X	170.90818	337.78102	41.68584	5.28208	0.0727083	0.23450936	2.6043295	20	3 18.8	20.7
326456 2001 WU_{97}	16.8	X	130.97735	189.81601	222.39662	3.05737	0.1275232	0.23149802	2.6268657	20	3 18.1	20.6
326457 2001 XZ_{23}	16.3	X	14.52388	50.59629	54.55698	8.57440	0.1695049	0.21614956	2.7497918	20	—	—
326458 2001 XN_{36}	16.2	X	223.61212	335.46752	29.47644	10.40699	0.2796974	0.24079060	2.5588394	20	4 14.4	20.6
326459 2001 XC_{92}	16.6	X	94.35985	148.38099	258.35597	3.43090	0.1065701	0.22507022	2.6766445	20	1 24.2	19.9
326460 2001 XZ_{109}	16.5	X	72.41597	327.94610	76.89235	13.83669	0.1834764	0.22252398	2.6970241	20	—	—
326461 2001 XT_{116}	16.6	X	0.60105	45.97776	67.12203	10.70781	0.2483172	0.21590843	2.7518387	20	—	—
326462 2001 XG_{153}	16.3	X	226.66721	167.17090	103.79886	6.14339	0.0117324	0.22133950	2.7066375	20	1 6.2	19.9
326463 2001 XA_{219}	16.1	X	285.28549	247.52577	48.09416	13.49658	0.1729617	0.23968659	2.5666908	20	4 1.2	19.8
326464 2001 YL_{31}	16.0	X	328.90557	278.91541	259.39285	7.72126	0.0972672	0.22278115	2.6949482	20	1 4.5	19.4
326465 2001 YE_{61}	16.8	X	17.31936	131.16538	298.71805	6.72019	0.2096857	0.21430695	2.7655311	20	—	—
326466 2001 YG_{117}	16.1	X	32.96762	349.92255	102.85736	15.16615	0.1424640	0.21681568	2.7441568	20	—	—
326467 2001 YW_{124}	16.2	X	15.41582	182.52483	287.25312	11.71275	0.1105262	0.21914433	2.7246824	20	—	—
326468 2002 AF_{33}	16.5	X	49.03192	295.11407	118.70464	8.83798	0.1556786	0.21516711	2.7581558	20	—	—
326469 2002 AL_{54}	16.3	X	325.42432	26.11302	125.27477	9.83186	0.0930634	0.21441653	2.7645888	20	—	—
326470 2002 AS_{81}	16.6	X	345.65407	326.12623	132.25317	9.43034	0.2904588	0.21216876	2.7840803	20	—	—
326471 2002 AT_{126}	16.9	X	17.47736	331.30116	141.66264	5.56216	0.1204169	0.21712776	2.7415267	20	—	—
326472 2002 AK_{138}	16.4	X	157.58584	270.31054	120.23022	17.66501	0.2299577	0.23005605	2.6378309	20	4 2.7	21.2
326473 2002 AY_{157}	16.4	X	345.19991	6.51193	136.82167	8.49528	0.1269377	0.21423049	2.7661891	20	—	—
326474 2002 AY_{168}	16.5	X	7.98248	326.75530	129.32073	8.80463	0.1881904	0.21447855	2.7640558	20	—	—
326475 2002 AL_{173}	17.0	X	328.58904	14.72809	104.37914	3.04269	0.2000841	0.20986130	2.8044507	20	—	—
326476 2002 AQ_{173}	16.2	X	21.56255	5.99759	117.59468	8.78875	0.0727243	0.21792067	2.7348726	20	1 14.9	19.4
326477 2002 AX_{209}	16.9	X	71.40721	285.07201	158.29735	14.46056	0.0749499	0.22661648	2.6644550	20	2 3.1	20.3
326478 2002 BN_{2}	16.6	X	223.62964	183.88031	137.48206	7.13683	0.0838688	0.22587001	2.6703222	20	3 2.8	20.5
326479 2002 CP_{8}	16.3	X	309.98158	37.56118	142.57623	8.67882	0.1546999	0.21354024	2.7721469	20	—	—
326480 2002 CN_{48}	16.2	X	36.36932	198.79665	250.13430	8.57060	0.1558300	0.21541403	2.7560477	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326481 2002 CH_{54}	15.6	X	300.24089	21.67013	151.47654	9.98590	0.0912381	0.20949638	2.8077065	20	—	—
326482 2002 CQ_{61}	16.1	X	320.48130	36.83969	106.99324	14.52197	0.1499945	0.21008631	2.8024479	20	—	—
326483 2002 CR_{173}	15.9	X	181.22396	28.86189	132.37302	9.79531	0.1710558	0.18995310	2.9971268	20	9 23.5	20.9
326484 2002 CK_{189}	16.7	X	16.57170	79.81904	20.31401	1.70533	0.1574400	0.21460139	2.7630009	20	—	—
326485 2002 EQ_{6}	18.5	X	183.51921	109.18419	357.09912	5.69238	0.1998935	0.28993958	2.2608116	20	7 23.1	22.1
326486 2002 EJ_{40}	15.8	X	332.67161	311.39716	169.78052	12.29015	0.0278279	0.20539513	2.8449586	20	—	—
326487 2002 EC_{51}	16.8	X	57.98796	266.84763	157.99238	4.75908	0.0659461	0.21500745	2.7595211	20	—	—
326488 2002 GU_{2}	17.4	X	62.96768	80.22312	196.44109	21.19819	0.3032816	0.28640889	2.2793537	20	11 19.5	21.3
326489 2002 GJ_{29}	16.8	X	303.36655	15.97239	166.62268	7.19034	0.0349571	0.21071445	2.7968757	20	—	—
326490 2002 GB_{87}	15.6	X	189.01818	99.81030	166.32338	9.84996	0.0618421	0.20019847	2.8939801	20	—	—
326491 2002 GE_{98}	17.4	X	185.33370	323.43120	205.63714	5.24234	0.0660821	0.29559203	2.2318975	20	10 26.3	20.3
326492 2002 GR_{172}	18.1	X	134.55471	54.62632	194.43391	9.36774	0.1324699	0.29783726	2.2206666	20	12 10.9	21.5
326493 2002 GG_{173}	17.2	X	180.49150	68.68303	125.07767	2.77785	0.0888225	0.29842666	2.2177417	20	11 21.5	20.0
326494 2002 GX_{184}	18.0	X	122.19941	244.46567	40.89021	5.07636	0.1273422	0.30200197	2.2002036	20	—	—
326495 2002 HN_{7}	16.4	X	134.09803	86.71585	190.98893	5.65959	0.0667393	0.19236686	2.9720028	20	12 23.9	21.0
326496 2002 HU_{8}	16.4	X	181.93345	118.18640	47.45343	6.34339	0.2680094	0.18797423	3.0181247	20	9 25.2	21.8
326497 2002 JG_{4}	16.7	X	164.03357	133.38797	101.49196	25.46428	0.2123399	0.29827014	2.2185175	20	12 18.4	20.2
326498 2002 JE_{10}	16.8	X	82.44086	235.31181	65.92071	10.99739	0.2825335	0.29361852	2.2418872	20	—	—
326499 2002 JJ_{65}	16.1	X	127.07921	37.83603	224.95055	8.32696	0.2535355	0.18466883	3.0540325	20	12 3.6	21.5
326500 2002 JJ_{85}	17.8	X	99.73124	206.83396	44.16421	3.99830	0.1639417	0.29076704	2.2565204	20	11 8.7	21.0
326501 2002 JD_{128}	17.4	X	151.63710	43.76091	167.25920	5.56068	0.1362225	0.29431230	2.2383626	20	11 9.5	20.7
326502 2002 JF_{138}	16.1	X	186.45756	64.43581	230.09962	7.81046	0.2187226	0.19825443	2.9128679	20	—	—
326503 2002 JE_{140}	16.3	X	171.55782	36.78687	260.87172	5.76707	0.2855788	0.19537792	2.9413886	20	—	—
326504 2002 KK_{16}	15.8	X	89.82288	243.72021	74.68572	10.79708	0.1293751	0.18147166	3.0897986	20	12 28.6	20.5
326505 2002 LV_{5}	17.2	X	105.90764	239.93421	37.01751	1.61217	0.1806326	0.29329980	2.2435110	20	12 17.9	20.5
326506 2002 LB_{45}	15.8	X	177.21232	336.09457	213.45535	22.16759	0.2000270	0.18652028	3.0337888	20	10 18.2	20.8
326507 2002 LB_{54}	17.4	X	51.68948	133.07609	178.97237	7.81983	0.1938643	0.28822809	2.2697525	20	12 11.5	20.7
326508 2002 LR_{61}	15.8	X	111.70099	181.94929	132.79875	11.20482	0.0962998	0.19002008	2.9964226	20	—	—
326509 2002 LQ_{62}	15.4	X	64.09856	70.39087	226.34652	25.88224	0.2294785	0.17841108	3.1250347	20	11 18.5	20.1
326510 2002 MH_{6}	16.1	X	127.78486	153.03559	127.45872	13.18220	0.0620094	0.18158931	3.0884639	20	12 19.4	20.8
326511 2002 NQ_{6}	17.5	X	273.11290	198.83514	157.93205	1.77187	0.2050344	0.26813210	2.3817902	20	5 27.2	20.6
326512 2002 NS_{6}	16.7	X	62.48083	193.49419	154.83609	2.16113	0.1686464	0.17953967	3.1119249	20	—	—
326513 2002 NB_{30}	15.8	X	176.78978	130.20003	116.31621	10.68431	0.1524014	0.18632228	3.0359377	20	12 25.2	20.8
326514 2002 NT_{39}	15.4	X	124.66137	319.39619	307.65277	9.28673	0.1176156	0.18014515	3.1049480	20	11 30.3	20.4
326515 2002 NB_{48}	17.3	X	38.11231	210.34055	108.89476	10.98538	0.2415130	0.28355717	2.2946104	20	12 11.5	20.5
326516 2002 NS_{48}	15.8	X	133.53978	174.41521	126.93981	10.00048	0.2327189	0.18517835	3.0484278	20	—	—
326517 2002 NW_{50}	15.7	X	110.91209	239.51553	87.08275	12.80636	0.1970938	0.18485839	3.0519443	20	—	—
326518 2002 NW_{54}	16.4	X	101.60229	230.23133	92.78251	5.39729	0.2149661	0.18278824	3.0749440	20	—	—
326519 2002 NR_{60}	18.2	X	61.28207	3.75679	278.03966	1.90800	0.1813488	0.28291193	2.2980980	20	11 9.0	21.3
326520 2002 NP_{62}	15.5	X	148.53127	176.11271	108.28313	11.67945	0.1606460	0.18603472	3.0390654	20	—	—
326521 2002 NZ_{63}	17.6	X	96.82247	132.55244	98.29753	3.67260	0.1781906	0.28318599	2.2966151	20	10 12.9	21.0
326522 2002 NS_{64}	17.3	X	6.86665	347.22546	328.31677	2.41852	0.2470788	0.27878064	2.3207462	20	10 19.3	19.1
326523 2002 NC_{70}	16.1	X	91.90845	43.46962	243.93164	6.46400	0.1625393	0.17738012	3.1371317	20	11 27.1	20.8
326524 2002 NV_{70}	15.6	X	146.35034	99.92810	138.61432	10.71498	0.0537122	0.17915933	3.1163275	20	11 21.0	20.4
326525 2002 NF_{76}	16.3	X	69.67585	120.74982	202.82642	8.26829	0.1150878	0.17745439	3.1362563	20	12 12.2	21.0
326526 2002 OF_{6}	16.0	X	145.06024	70.53668	225.31832	7.55268	0.1616048	0.18573820	3.0422990	20	—	—
326527 2002 OM_{7}	16.1	X	120.68680	110.61889	172.33356	16.78022	0.1942949	0.17949258	3.1124691	20	12 19.3	21.6
326528 2002 OP_{8}	15.5	X	100.63243	337.39467	302.31236	16.33956	0.1487444	0.17731933	3.1378487	20	11 22.9	20.7
326529 2002 OE_{9}	17.1	X	299.54047	174.72803	184.14321	4.97996	0.2166557	0.27154752	2.3617766	20	7 7.6	19.5
326530 2002 OA_{19}	17.9	X	72.39676	128.10785	181.45653	7.76912	0.2414859	0.28777846	2.2721161	20	12 30.8	21.7
326531 2002 OO_{19}	16.7	X	288.32802	222.58715	147.51978	13.25856	0.1687914	0.27152888	2.3618847	20	7 13.7	19.4
326532 2002 OX_{19}	18.0	X	55.22975	172.22453	138.86106	6.19388	0.2453563	0.28460079	2.2889975	20	12 18.3	21.4
326533 2002 OC_{26}	15.5	X	101.04135	189.52886	129.67981	13.48694	0.1315406	0.18058786	3.0998714	20	—	—
326534 2002 OR_{29}	17.6	X	323.17507	247.30246	92.87867	2.34669	0.2096511	0.27319681	2.3522617	20	8 2.8	19.0
326535 2002 OU_{33}	17.0	X	53.30857	2.90096	275.27773	5.16651	0.1251158	0.27946258	2.3169693	20	10 15.3	20.0
326536 2002 OU_{35}	15.9	X	156.56713	301.11909	258.39749	9.79263	0.1034125	0.17394164	3.1783399	20	10 8.9	21.0
326537 2002 OR_{36}	15.9	X	209.86940	3.69885	146.67794	9.77037	0.0463420	0.17435501	3.1733143	20	10 16.1	20.6
326538 2002 PO_{1}	15.3	X	46.63016	198.78898	152.65198	17.70390	0.2565243	0.17659448	3.1464292	20	—	—
326539 2002 PF_{4}	15.8	X	100.11206	106.13350	194.87605	8.60185	0.1082245	0.18000129	3.1066021	20	12 16.8	20.7
326540 2002 PV_{9}	15.1	X	65.22846	340.90291	308.21164	25.73318	0.1375284	0.17247743	3.1963025	20	10 15.2	20.3
326541 2002 PX_{11}	16.1	X	100.26928	123.11832	189.75882	10.02132	0.1094948	0.18174864	3.0866587	20	12 30.2	21.0
326542 2002 PC_{17}	16.6	X	80.02319	167.62410	171.74574	4.05693	0.1451162	0.18155888	3.0888090	20	—	—
326543 2002 PQ_{18}	15.4	X	81.21661	189.18865	142.19043	10.99777	0.0631900	0.18112308	3.0937616	20	12 28.7	20.0
326544 2002 PT_{22}	17.5	X	344.33137	32.95526	290.00245	3.38199	0.2617604	0.27489170	2.3425829	20	9 2.0	18.5
326545 2002 PS_{32}	15.3	X	36.82162	223.90807	144.57202	17.14301	0.2236280	0.17614955	3.1517253	20	—	—
326546 2002 PR_{36}	16.0	X	125.48531	355.46978	284.38741	4.10624	0.1365348	0.17976270	3.1093504	20	12 17.4	20.9
326547 2002 PV_{47}	16.7	X	293.31095	208.73725	179.17319	12.72815	0.2083401	0.27203809	2.3589365	20	8 10.4	19.1
326548 2002 PM_{68}	17.5	X	352.22136	151.12059	173.98956	5.25792	0.1581065	0.27593327	2.3366841	20	9 19.6	19.2
326549 2002 PZ_{70}	15.9	X	74.61695	144.87954	182.86717	16.70570	0.3260962	0.17626855	3.1503066	20	—	—
326550 2002 PC_{73}	15.4	X	139.08645	329.62564	274.58598	17.64926	0.2264867	0.18034550	3.1026480	20	11 18.7	20.9
326551 2002 PM_{76}	15.7	X	55.72167	84.10985	254.79631	9.09162	0.0820971	0.17784678	3.1316415	20	12 10.3	20.0
326552 2002 PP_{77}	15.2	X	90.56784	226.32036	95.70007	10.09956	0.1448469	0.17895622	3.1186850	20	—	—
326553 2002 PJ_{101}	15.7	X	85.72080	42.42560	261.87986	11.16218	0.1504948	0.17801047	3.1297215	20	12 9.8	20.4
326554 2002 PZ_{118}	15.9	X	76.77723	126.73730	212.71691	4.54343	0.2409897	0.17844755	3.1246088	20	—	—
326555 2002 PE_{122}	15.3	X	119.86947	104.74013	178.36266	14.72428	0.1737113	0.17890983	3.1192241	20	12 17.8	20.7
326556 2002 PR_{135}	15.4	X	94.60863	159.92015	146.61788	18.60784	0.2073369	0.17808247	3.1288778	20	12 25.9	20.8
326557 2002 PM_{156}	16.5	X	93.52693	161.28915	151.55469	1.17860	0.1607332	0.17956743	3.1116041	20	12 27.9	21.3
326558 2002 PP_{165}	15.9	X	103.39668	132.11807	151.96508	9.90400	0.0614819	0.17580492	3.1558428	20	11 27.9	20.7
326559 2002 PG_{166}	16.3	X	43.07057	288.31294	50.04259	1.84522	0.1547268	0.17358016	3.1827509	20	12 3.4	20.7
326560 2002 PS_{166}	18.0	X	38.01514	184.73818	120.44087	6.90992	0.2621206	0.27964461	2.3159637	20	11 25.7	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326561 2002 PZ_{174}	16.0	X	41.76495	234.99688	83.07948	6.49037	0.1406816	0.17198800	3.2023635	20	11 6.9	20.4
326562 2002 PD_{175}	16.0	X	107.51245	210.76744	81.10583	6.70851	0.1149921	0.17901361	3.1180185	20	12 13.6	20.9
326563 2002 PT_{176}	16.0	X	111.81445	151.93205	146.15347	11.42875	0.1163226	0.18072457	3.0983080	20	12 25.5	21.0
326564 2002 PU_{176}	15.7	X	146.82659	16.71434	219.82311	9.44801	0.0541965	0.17731862	3.1378570	20	11 16.3	20.5
326565 2002 PN_{180}	15.7	X	66.72367	342.78226	317.46153	17.11560	0.1011745	0.17358087	3.1827423	20	11 1.4	20.6
326566 2002 PB_{186}	15.7	X	133.26613	111.18127	172.60880	10.37310	0.0851573	0.18162125	3.0881019	20	12 27.9	20.6
326567 2002 PJ_{195}	16.1	X	130.42822	157.28032	129.81499	13.80952	0.1863960	0.18311262	3.0713115	20	12 31.6	21.3
326568 2002 PE_{196}	15.6	X	113.20810	187.31495	109.83089	11.72995	0.1226137	0.17920304	3.1158208	20	12 25.7	20.6
326569 2002 QN_{1}	15.5	X	74.16876	209.99973	130.91678	13.67189	0.1258935	0.17951028	3.1122645	20	—	—
326570 2002 QD_{11}	17.2	X	319.25286	193.57656	150.46650	6.74889	0.2503226	0.27309605	2.3528402	20	7 22.3	18.6
326571 2002 QT_{16}	15.6	X	1.75712	202.80171	188.71449	13.11187	0.0940683	0.17406220	3.1768722	20	12 5.7	19.9
326572 2002 QD_{22}	18.0	X	53.09358	131.89532	162.36313	6.80764	0.1247734	0.28140461	2.3062970	20	11 10.9	21.0
326573 2002 QG_{30}	17.8	X	64.64861	154.67912	108.94912	2.88851	0.1899817	0.28024076	2.3126781	20	10 22.5	20.9
326574 2002 QO_{33}	17.6	X	245.34148	328.43217	37.61543	3.41121	0.2123173	0.26296935	2.4128628	20	5 7.3	21.3
326575 2002 QY_{35}	17.0	X	228.72504	17.88069	358.86534	10.95081	0.2056169	0.26122361	2.4236009	20	5 2.2	21.0
326576 2002 QB_{45}	15.5	X	105.88867	187.54976	129.67402	16.73473	0.2387315	0.18075064	3.0980100	20	—	—
326577 2002 QQ_{56}	15.6	X	120.19400	114.92604	144.29790	11.79757	0.0595880	0.17483874	3.1674585	20	11 17.5	20.5
326578 2002 QB_{62}	17.7	X	28.08097	335.45091	324.84211	4.09817	0.1504043	0.27800971	2.3250345	20	10 14.9	20.3
326579 2002 QB_{70}	15.6	X	91.64617	103.62578	159.79923	11.13955	0.0697299	0.17123529	3.2117412	20	10 22.5	20.4
326580 2002 QM_{71}	16.3	X	101.80262	27.60564	300.96273	0.77972	0.2555598	0.18117768	3.0931400	20	—	—
326581 2002 QA_{88}	15.4	X	86.49971	104.28028	155.89245	9.60071	0.0505818	0.16931368	3.2359963	20	10 9.5	20.1
326582 2002 QO_{90}	17.3	X	339.76306	287.17845	52.75770	5.77430	0.1241047	0.27446761	2.3449953	20	9 17.7	19.5
326583 2002 QY_{94}	17.6	X	350.10858	302.64950	28.77442	2.63663	0.2307156	0.27591091	2.3368104	20	10 4.9	19.0
326584 2002 QQ_{95}	17.8	X	10.44016	226.30349	91.35983	3.59738	0.1829014	0.27759524	2.3273483	20	10 20.7	19.9
326585 2002 QO_{101}	16.4	X	131.14981	162.79726	102.37258	6.12248	0.0999042	0.17819862	3.1275180	20	12 5.0	21.3
326586 2002 QA_{104}	16.2	X	61.02137	159.11414	177.10599	10.52074	0.2059469	0.17580207	3.1558769	20	12 27.5	21.1
326587 2002 QD_{107}	15.7	X	62.30148	197.65449	141.26856	12.19149	0.1394100	0.17715037	3.1398436	20	12 25.3	20.5
326588 2002 QL_{108}	17.8	X	289.19914	229.81117	154.71754	2.36747	0.0831181	0.27440120	2.3453737	20	8 21.6	20.2
326589 2002 QR_{115}	15.3	X	81.39700	208.88716	114.85361	11.49789	0.0756275	0.17819274	3.1275869	20	12 21.0	19.9
326590 2002 QQ_{122}	16.0	X	93.53789	136.22871	178.39450	28.16857	0.2631681	0.17828681	3.1264866	20	—	—
326591 2002 QF_{125}	15.4	X	100.92997	164.01854	134.75252	17.54338	0.2072208	0.17753236	3.1353379	20	12 22.5	20.8
326592 2002 QN_{129}	16.8	X	180.41899	111.52299	317.42077	6.50532	0.1065360	0.26268589	2.4145983	20	5 29.2	20.5
326593 2002 QJ_{133}	15.4	X	102.67446	156.71238	146.26281	10.89454	0.0371838	0.17861705	3.1226317	20	12 16.6	20.1
326594 2002 QP_{142}	16.2	X	117.37155	117.11675	186.06154	16.88014	0.2089897	0.18042561	3.1017296	20	—	—
326595 2002 QK_{145}	15.9	X	44.84151	238.02036	116.95743	11.78570	0.0388509	0.17610322	3.1522780	20	12 11.5	20.4
326596 2002 QB_{146}	16.4	X	128.92767	186.57332	84.75526	2.74982	0.0856062	0.17881522	3.1203243	20	12 9.1	21.1
326597 2002 RF	16.9	X	276.95432	287.81749	56.72581	10.65266	0.2951720	0.26497370	2.4006796	20	5 3.6	20.2
326598 2002 RH_{4}	16.4	X	125.75914	94.36319	196.21014	15.92403	0.2130471	0.18109144	3.0941220	20	12 30.4	22.0
326599 2002 RY_{4}	15.3	X	34.41276	103.94691	227.38409	12.02944	0.0913593	0.17012406	3.2257117	20	11 4.2	19.7
326600 2002 RO_{5}	16.8	X	94.42052	92.70148	329.66091	15.65258	0.3135993	0.24266434	2.5456503	20	3 9.9	20.3
326601 2002 RL_{8}	18.0	X	36.33534	108.69313	218.45800	1.81589	0.2470734	0.28212891	2.3023481	20	12 19.0	21.0
326602 2002 RU_{12}	16.7	X	271.48005	24.52019	357.08745	5.23734	0.2203470	0.26679642	2.3897330	20	6 26.7	19.8
326603 2002 RC_{26}	17.7	X	18.91171	18.24740	292.29492	3.38459	0.2106882	0.27747369	2.3280279	20	10 25.9	20.2
326604 2002 RD_{30}	15.8	X	85.10641	123.62567	199.53518	8.84320	0.2369337	0.17719185	3.1393535	20	—	—
326605 2002 RW_{31}	15.1	X	74.22571	314.24134	341.16827	22.48580	0.1410399	0.17130967	3.2108114	20	11 5.8	20.3
326606 2002 RR_{37}	18.0	X	15.72277	117.59471	197.67153	4.46281	0.2192016	0.27775540	2.3264535	20	10 31.6	20.2
326607 2002 RH_{50}	15.5	X	100.88139	303.27881	23.33952	5.94477	0.2427924	0.17908054	3.1172415	20	—	—
326608 2002 RS_{52}	17.1	X	315.72697	328.15530	36.80228	4.17302	0.2480437	0.27174867	2.3606110	20	8 24.2	18.5
326609 2002 RR_{53}	16.9	X	206.48738	287.38310	112.22382	3.68077	0.2512023	0.25934282	2.4353043	20	5 15.0	21.1
326610 2002 RP_{70}	15.7	X	25.16909	157.70005	188.15987	15.35126	0.1795343	0.17081488	3.2170087	20	11 23.9	20.0
326611 2002 RK_{72}	17.1	X	229.48320	239.99982	149.30877	4.95834	0.1932331	0.26285782	2.4135453	20	5 25.2	20.9
326612 2002 RM_{73}	17.5	X	282.58675	36.33618	317.22582	3.43399	0.1720650	0.26700515	2.3884874	20	6 9.3	20.5
326613 2002 RL_{105}	16.9	X	290.88323	348.19604	8.32045	6.59823	0.2328755	0.26555118	2.3971979	20	6 15.6	19.7
326614 2002 RD_{112}	17.6	X	299.59595	57.99830	301.52353	6.30475	0.1245631	0.27023731	2.3694043	20	7 25.5	20.0
326615 2002 RS_{115}	15.9	X	84.97792	98.28218	223.01944	4.14534	0.1303529	0.17711656	3.1402430	20	12 26.4	20.8
326616 2002 RW_{126}	16.9	X	268.34313	283.94218	98.61424	5.92955	0.2525025	0.26778333	2.3838579	20	6 18.9	20.2
326617 2002 RA_{127}	15.7	X	13.65901	164.65480	211.51945	14.89185	0.2691249	0.17271350	3.1933893	20	12 24.9	19.8
326618 2002 RG_{139}	16.8	X	244.23959	224.90000	141.36331	8.46852	0.2425936	0.26219226	2.4176280	20	5 7.2	20.8
326619 2002 RT_{159}	15.8	X	4.32730	203.19256	165.78438	4.91681	0.1423517	0.17024375	3.2241997	20	11 15.7	19.8
326620 2002 RH_{163}	16.3	X	61.37783	181.58317	147.04024	1.27328	0.1587107	0.17374757	3.1807062	20	12 13.6	21.0
326621 2002 RZ_{172}	15.4	X	90.70190	273.02742	41.82282	12.52225	0.2534150	0.17634872	3.1493518	20	—	—
326622 2002 RG_{191}	16.7	X	294.78992	341.57324	8.50218	13.65317	0.2198072	0.26796683	2.3827694	20	6 13.5	19.7
326623 2002 RO_{196}	15.4	X	81.93446	89.03600	231.89645	8.70928	0.2157719	0.17555301	3.1588611	20	12 29.7	20.5
326624 2002 RG_{204}	18.0	X	17.11408	112.48092	203.95906	1.91408	0.2442200	0.27845455	2.3225576	20	11 8.7	20.2
326625 2002 RL_{210}	17.5	X	71.54037	52.82151	196.02438	1.84566	0.1403314	0.27443468	2.3451829	20	10 1.9	20.5
326626 2002 RB_{223}	17.1	X	289.97569	233.61665	111.03528	4.71427	0.2151687	0.26668185	2.3904174	20	6 1.0	19.8
326627 2002 RW_{242}	16.2	X	99.21087	321.38940	318.43928	9.68229	0.2148873	0.17588125	3.1549297	20	11 26.9	21.6
326628 2002 RT_{248}	15.8	X	49.44613	143.92310	164.01748	12.62014	0.0521447	0.16946884	3.2340208	20	10 23.8	20.4
326629 2002 RF_{249}	15.3	X	119.20444	253.04078	25.09157	13.43050	0.2343839	0.17495766	3.1660231	20	12 11.1	20.9
326630 2002 RZ_{249}	18.0	X	357.85805	114.68493	201.86195	6.18183	0.1234795	0.27358241	2.3500509	20	9 11.1	20.2
326631 2002 RU_{278}	17.0	X	196.20762	205.49802	228.10921	14.28877	0.1228544	0.26345123	2.4099196	20	6 21.1	20.8
326632 2002 RJ_{281}	15.8	X	140.06845	93.49460	155.42821	9.52397	0.0591841	0.17456184	3.1708072	20	11 24.9	20.7
326633 2002 SU_{5}	18.1	X	20.51979	114.61380	205.04023	1.46429	0.2296784	0.27714695	2.3298572	20	11 15.6	20.7
326634 2002 SB_{11}	15.9	X	97.64441	122.83646	184.81818	16.10560	0.2529416	0.17554825	3.1589182	20	12 29.9	21.5
326635 2002 ST_{20}	17.0	X	248.17446	355.38635	13.13656	6.47846	0.1518424	0.26188083	2.4195443	20	5 18.5	20.6
326636 2002 SX_{23}	16.4	X	274.21164	338.32372	54.66605	13.61357	0.2227626	0.26840748	2.3801609	20	7 18.6	19.6
326637 2002 SB_{24}	15.3	X	79.70959	229.61323	111.17201	13.54144	0.2684638	0.17724681	3.1387046	20	—	—
326638 2002 SS_{25}	16.6	X	222.52086	275.78830	107.00610	3.35352	0.1636702	0.25895551	2.4377319	20	5 11.9	20.3
326639 2002 SL_{26}	18.2	X	30.01730	130.99483	206.60038	1.47743	0.2322781	0.28127472	2.3070070	20	12 23.2	21.2
326640 2002 SE_{29}	17.3	X	319.64124	150.57238	197.03505	4.01790	0.2630257	0.27069753	2.3667181	20	7 26.9	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326641 2002 SZ_{31}	17.0	X	234.59364	250.65184	121.82913	4.85916	0.1962927	0.26006738	2.4307789	20	5 8.7	20.9
326642 2002 SG_{46}	17.1	X	252.92418	187.78444	173.64578	2.90026	0.1960633	0.26083880	2.4259839	20	5 11.8	20.5
326643 2002 ST_{47}	15.6	X	58.23820	315.02537	13.09614	12.68189	0.1729035	0.17194991	3.2028363	20	12 8.9	20.5
326644 2002 SX_{48}	15.4	X	60.82161	164.71569	164.78036	8.25895	0.1895878	0.17166883	3.2063315	20	12 17.6	20.3
326645 2002 SA_{56}	16.9	X	264.29408	306.75391	58.89750	7.25001	0.1410444	0.26320371	2.4114303	20	6 5.9	20.1
326646 2002 TE	17.7	X	24.40140	193.25310	145.34403	13.28558	0.3059708	0.28061230	2.3106362	20	12 28.4	21.0
326647 2002 TM_{20}	17.2	X	292.39561	131.43596	206.17358	4.65677	0.1946409	0.26498689	2.4005999	20	5 28.8	20.0
326648 2002 TE_{39}	16.7	X	302.35302	318.76526	32.00627	9.74152	0.2330707	0.26633484	2.3924933	20	6 27.6	19.3
326649 2002 TB_{55}	17.2	X	352.42755	280.09881	62.71487	3.55277	0.2476700	0.27611045	2.3356844	20	11 2.2	18.8
326650 2002 TG_{60}	17.0	X	159.76342	199.35992	208.62805	22.61093	0.1098486	0.36502949	1.9390280	20	4 2.1	19.3
326651 2002 TM_{66}	15.9	X	42.89604	5.41813	268.35559	24.13016	0.2159150	0.27444700	2.3451127	20	9 28.4	19.5
326652 2002 TS_{99}	17.1	X	347.61709	68.10299	244.29868	5.55295	0.1474669	0.27201841	2.3590502	20	8 14.0	19.2
326653 2002 TR_{103}	17.4	X	10.04383	59.00416	264.50748	2.75792	0.2340739	0.27568738	2.3380733	20	11 3.5	19.6
326654 2002 TE_{124}	15.7	X	70.76779	135.61134	215.96896	14.22469	0.1780977	0.17709876	3.1404535	20	—	—
326655 2002 TM_{159}	18.1	X	26.32771	235.93768	94.03682	10.01045	0.2739752	0.27893937	2.3198657	20	12 14.6	21.1
326656 2002 TM_{200}	17.2	X	269.75738	168.26945	217.81531	5.08673	0.1488653	0.26734238	2.3864784	20	7 11.1	20.1
326657 2002 TK_{205}	17.7	X	278.60927	128.05012	205.81298	20.54890	0.1081509	0.37217923	1.9141147	20	5 16.1	19.7
326658 2002 TL_{221}	15.1	X	102.94873	46.77291	248.65380	13.51270	0.2267341	0.17449703	3.1715923	20	12 19.1	20.4
326659 2002 TO_{224}	17.2	X	326.16310	299.14589	35.40314	3.13390	0.2431427	0.26901920	2.3765513	20	7 27.8	18.6
326660 2002 TO_{234}	15.2	X	65.10264	96.65226	228.98830	23.62662	0.3245202	0.17278864	3.1924634	20	12 27.4	20.7
326661 2002 TS_{267}	17.3	X	282.20516	145.40205	224.87469	3.58413	0.1743379	0.26556066	2.3971409	20	7 2.8	20.0
326662 2002 TT_{304}	17.1	X	2.43960	267.39068	50.52215	7.85086	0.1391072	0.27254512	2.3560099	20	9 30.1	19.4
326663 2002 TW_{324}	16.0	X	128.55479	82.51196	183.52947	18.53697	0.1822221	0.17509480	3.1643697	20	12 6.2	21.6
326664 2002 TK_{347}	17.1	X	330.11123	195.88648	101.73881	7.48488	0.1269923	0.26338477	2.4103250	20	6 15.7	19.4
326665 2002 TH_{366}	17.6	X	348.42889	174.62504	143.33172	5.99282	0.2396376	0.27137174	2.3627964	20	9 6.1	18.9
326666 2002 UJ_{1}	16.8	X	30.59785	129.65605	100.66306	8.42890	0.0518284	0.26046907	2.4282792	20	6 21.5	19.4
326667 2002 UZ_{3}	16.0	X	237.09667	305.86804	63.30238	15.29743	0.1324490	0.25751637	2.4468057	20	5 12.5	19.5
326668 2002 UC_{5}	15.0	X	53.07228	294.56780	42.02402	12.81864	0.2479777	0.17175284	3.2052858	20	12 23.8	19.9
326669 2002 UX_{9}	16.6	X	260.58614	308.44843	55.91420	7.63036	0.1351628	0.26078186	2.4263371	20	5 31.1	19.7
326670 2002 UU_{39}	16.7	X	309.07818	304.56806	43.01412	6.89073	0.1448028	0.26530444	2.3986840	20	7 23.4	19.1
326671 2002 UF_{48}	15.2	X	58.35207	142.11086	201.64974	26.90839	0.2537785	0.17121802	3.2119571	20	—	—
326672 2002 UA_{64}	18.2	X	31.24687	280.92346	18.04404	1.35724	0.1860107	0.27638584	2.3341326	20	10 25.4	20.9
326673 2002 VB_{5}	16.1	X	354.97526	287.92963	59.29402	24.10096	0.2626871	0.27387005	2.3484051	20	11 17.5	17.8
326674 2002 VL_{12}	16.7	X	74.99069	205.85232	266.89292	4.83666	0.2283286	0.24390439	2.5370146	20	4 8.7	19.8
326675 2002 VC_{108}	17.4	X	320.90070	101.09863	244.62240	5.88601	0.2223655	0.26805007	2.3822761	20	7 31.6	19.1
326676 2002 VR_{115}	17.9	X	113.83379	25.77554	32.47233	21.28926	0.0872675	0.35632338	1.9704852	20	2 27.9	20.4
326677 2002 VX_{115}	17.1	X	230.74559	198.54439	196.73298	5.90353	0.1363025	0.25875567	2.4389869	20	6 7.8	20.7
326678 2002 VM_{116}	16.6	X	286.09775	261.57205	105.40377	10.33909	0.1488683	0.26350395	2.4095982	20	7 8.9	19.4
326679 2002 VH_{127}	16.5	X	276.25371	286.71913	63.69533	13.09376	0.2707438	0.26162498	2.4211215	20	5 13.8	19.8
326680 2002 VM_{134}	15.7	X	47.43844	45.11807	45.08327	7.05640	0.1319764	0.18109067	3.0941308	20	1 24.2	19.5
326681 2002 VK_{140}	17.0	X	66.15091	152.80056	318.07649	7.04317	0.1479685	0.24254196	2.5465065	20	3 9.4	19.9
326682 2002 VO_{147}	16.5	X	52.55868	16.04982	119.05733	9.01681	0.2008822	0.24193143	2.5507889	20	4 4.7	19.2
326683 2002 WP	18.4	X	355.55321	1.20869	76.31951	19.15120	0.2160130	0.56443052	1.4500926	20	—	—
326684 2002 XJ_{9}	17.0	X	264.27270	182.85639	172.58762	1.02608	0.2028539	0.25903471	2.4372350	20	5 15.0	20.4
326685 2002 XT_{35}	16.8	X	324.97590	266.23237	68.07045	7.14609	0.1303099	0.26341019	2.4101700	20	8 5.5	19.1
326686 2002 XM_{43}	17.6	X	90.23916	344.27906	85.07250	6.10354	0.2218316	0.23994653	2.5648368	20	3 7.8	20.8
326687 2002 XZ_{70}	16.7	X	139.57871	3.61588	69.25845	5.24694	0.1628208	0.24610223	2.5218873	20	4 27.7	20.5
326688 2002 XG_{79}	16.4	X	123.06496	99.93494	345.37900	3.01794	0.1837621	0.24421021	2.5348961	20	4 26.3	20.2
326689 2002 XO_{80}	16.2	X	72.93725	328.14140	90.94457	34.68132	0.2552970	0.23342440	2.6123932	20	1 30.8	19.4
326690 2002 XY_{107}	16.6	X	53.32498	25.94574	86.81646	15.92455	0.2094094	0.23594674	2.5937417	20	3 10.4	19.5
326691 2002 XK_{116}	16.7	X	0.82871	158.95616	344.31388	12.66856	0.1086498	0.22584859	2.6704911	20	1 7.0	20.0
326692 2002 YP_{30}	16.5	X	167.51256	280.75416	98.77962	5.97123	0.2683817	0.24463855	2.5319364	20	3 25.1	21.0
326693 2003 AR_{1}	16.2	X	31.67712	283.69156	226.83464	3.62831	0.1637740	0.23506502	2.6002237	20	3 5.6	18.7
326694 2003 AN_{20}	16.8	X	65.85013	196.40514	250.74003	3.75946	0.2141795	0.23436309	2.6054129	20	2 16.5	19.5
326695 2003 AJ_{27}	15.9	X	19.53958	261.11580	280.92725	6.58621	0.1103472	0.23912472	2.5707098	20	3 23.6	18.7
326696 2003 AM_{46}	16.1	X	180.52425	28.95679	354.65180	4.19073	0.2133938	0.24604667	2.5222670	20	4 3.5	20.3
326697 2003 AY_{52}	16.4	X	102.10934	6.15100	98.27020	13.64610	0.1331569	0.24153412	2.5535854	20	4 28.6	20.1
326698 2003 AD_{78}	16.4	X	88.09273	44.33728	41.93721	8.47166	0.1659168	0.23723979	2.5843085	20	3 19.5	19.7
326699 2003 BF_{2}	16.0	X	353.57387	249.64554	246.44203	24.47832	0.3591842	0.22903467	2.6456673	20	—	—
326700 2003 BM_{2}	15.9	X	80.13366	79.47534	307.09997	10.91660	0.2835590	0.22952958	2.6418629	20	1 4.4	18.6
326701 2003 BK_{7}	16.3	X	52.32878	156.75758	328.54279	11.36961	0.1301534	0.23314699	2.6144651	20	3 5.1	19.1
326702 2003 BD_{49}	16.8	X	37.21152	316.06792	147.38128	8.12970	0.2625265	0.22990848	2.6389595	20	1 13.5	18.6
326703 2003 BX_{49}	17.3	X	65.24910	232.98336	235.90738	2.16355	0.2171063	0.23633931	2.5908687	20	3 18.3	20.0
326704 2003 BP_{55}	16.7	X	55.72168	346.01427	146.91766	8.70090	0.1491277	0.23598419	2.5934673	20	3 29.4	19.5
326705 2003 BQ_{66}	16.1	X	98.49151	295.37825	147.53944	14.43765	0.1480411	0.23582138	2.5946608	20	3 26.0	19.6
326706 2003 BY_{74}	16.8	X	1.57603	80.86820	89.54690	13.07533	0.1121158	0.23248361	2.6194362	20	2 13.6	19.9
326707 2003 BM_{76}	15.9	X	356.49422	139.38848	53.60986	11.40559	0.0903262	0.23475135	2.6025395	20	3 11.6	19.1
326708 2003 BN_{77}	16.8	X	46.56055	30.77018	101.98821	5.35172	0.2006304	0.23509995	2.5999661	20	3 19.0	19.3
326709 2003 BQ_{83}	16.2	X	78.44396	73.32591	59.72309	7.25908	0.0639439	0.23971699	2.5664738	20	4 20.2	19.5
326710 2003 BV_{92}	16.4	X	49.25946	345.36587	131.17785	14.48162	0.1188131	0.23157577	2.6262777	20	2 19.8	19.3
326711 2003 CW_{10}	16.6	X	90.76526	240.80127	188.51310	5.79541	0.2990784	0.23540041	2.5977533	20	3 16.9	20.0
326712 2003 CC_{15}	16.6	X	15.94502	21.26454	111.42251	5.89080	0.1503791	0.22970949	2.6404833	20	1 11.5	19.4
326713 2003 CS_{16}	16.5	X	320.26956	38.17602	145.82659	14.31412	0.1883779	0.22672706	2.6635886	20	—	—
326714 2003 DL_{7}	16.9	X	106.22238	341.45644	89.30099	5.89505	0.1772300	0.23594453	2.5937579	20	3 23.8	20.5
326715 2003 EO_{14}	17.0	X	17.06107	118.39085	30.09559	5.27741	0.2065414	0.23069144	2.6329851	20	2 4.6	19.3
326716 2003 ED_{16}	16.9	X	271.62944	233.16602	338.21445	25.66603	0.3490039	0.21801136	2.7341141	20	—	—
326717 2003 EA_{17}	16.2	X	67.37030	275.08105	182.77582	25.23682	0.3735137	0.23346343	2.6121021	20	4 6.1	19.0
326718 2003 EE_{31}	16.7	X	36.21300	342.87441	174.55319	13.65139	0.1054858	0.23322601	2.6138745	20	3 23.4	19.4
326719 2003 ED_{36}	16.7	X	330.23038	92.62521	108.12779	3.31637	0.1422768	0.22780812	2.6551553	20	1 28.9	19.9
326720 2003 EH_{47}	16.0	X	357.95306	262.18350	259.15054	11.42942	0.2113769	0.22920914	2.6443246	20	1 9.0	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326721 2003 EZ_{62}	16.4	X	21.00871	25.73069	151.27811	9.38325	0.0877815	0.23281455	2.6169533	20	3 26.1	19.4
326722 2003 FZ_{28}	16.2	X	284.91169	139.63516	84.24614	10.07664	0.1610055	0.22072818	2.7116327	20	—	—
326723 2003 FF_{67}	16.4	X	307.98841	133.30039	67.82915	5.83238	0.1853284	0.22256505	2.6966924	20	—	—
326724 2003 FD_{77}	16.2	X	298.33704	13.34444	204.62265	13.57200	0.1882549	0.22262600	2.6962001	20	1 2.1	20.4
326725 2003 FJ_{94}	15.9	X	263.01403	207.26432	78.12928	7.71143	0.2562568	0.22244604	2.6976541	20	2 15.5	20.4
326726 2003 FD_{131}	15.9	X	320.21764	89.37580	133.75866	14.74054	0.1265209	0.22688855	2.6623246	20	2 15.9	19.2
326727 2003 GT_{10}	16.1	X	313.03530	84.73732	150.00754	13.44755	0.1368236	0.22626928	2.6671799	20	2 18.6	19.6
326728 2003 GQ_{42}	15.8	X	30.69448	15.41470	125.23549	15.23824	0.2076775	0.23063930	2.6333819	20	2 25.7	18.1
326729 2003 GE_{43}	16.3	X	342.76625	68.76248	104.90620	13.97738	0.2035434	0.22557646	2.6726384	20	1 3.1	19.1
326730 2003 GF_{49}	16.0	X	306.47607	101.37212	88.47420	10.58468	0.0843178	0.21682855	2.7440482	20	—	—
326731 2003 GD_{55}	16.6	X	340.29682	10.06764	155.78411	14.67690	0.1913176	0.22300459	2.6931478	20	—	—
326732 2003 HB_{6}	17.6	X	266.63559	145.81476	161.61604	6.61927	0.5710893	0.22065160	2.7122601	20	2 19.3	23.2
326733 2003 HN_{15}	16.2	X	300.36454	62.52828	128.83150	10.03887	0.1471206	0.21520653	2.7578190	20	—	—
326734 2003 JG_{1}	16.4	X	270.73778	5.74474	187.24957	11.27858	0.1915733	0.21189234	2.7865011	20	—	—
326735 2003 JW_{16}	16.0	X	288.48802	106.50910	98.23811	11.10926	0.1947370	0.21614625	2.7498198	20	—	—
326736 2003 KM_{1}	15.9	X	310.70963	29.49431	162.07111	11.43393	0.0723170	0.21664934	2.7455613	20	1 2.5	19.8
326737 2003 KC_{2}	16.3	X	298.19842	102.24061	116.05305	9.90008	0.1905930	0.21910507	2.7250079	20	1 4.4	20.2
326738 2003 PA	17.8	X	97.86460	249.59132	83.30026	4.33584	0.2751276	0.31022056	2.1611703	20	—	—
326739 2003 QS_{15}	17.7	X	338.17904	188.88778	198.92830	5.72371	0.1581711	0.29634082	2.2281362	20	12 6.7	19.6
326740 2003 QZ_{18}	18.8	X	87.16135	163.47796	169.23452	2.15183	0.2379945	0.30790343	2.1719994	20	—	—
326741 2003 QW_{26}	16.7	X	219.79119	68.79873	349.98036	19.77355	0.3123244	0.27631767	2.3345165	20	6 13.3	21.2
326742 2003 QN_{47}	18.0	X	133.56970	324.17954	349.36501	28.01212	0.3685123	0.43112394	1.7354068	20	—	—
326743 2003 QF_{69}	17.4	X	90.09431	280.98357	11.25371	6.57829	0.1481898	0.30291543	2.1957781	20	12 23.2	20.7
326744 2003 QH_{75}	15.8	X	305.05621	216.61132	180.62490	14.83640	0.2613733	0.17183089	3.2043151	20	8 22.8	19.6
326745 2003 QG_{85}	16.9	X	212.12782	117.01928	36.27373	1.81840	0.1160948	0.17946534	3.1127840	20	10 12.8	21.6
326746 2003 RJ	15.8	X	256.06313	153.23485	148.39831	18.03094	0.2481525	0.21301645	2.7766893	20	2 28.3	20.4
326747 2003 RC_{13}	17.9	X	40.10738	186.23097	169.16336	4.09860	0.1912413	0.30195453	2.2004340	20	—	—
326748 2003 RK_{16}	17.5	X	27.81233	137.58101	210.07941	3.61312	0.2000472	0.29927700	2.2135389	20	—	—
326749 2003 RL_{24}	17.5	X	21.83299	10.96330	340.96780	2.10296	0.1476894	0.29812566	2.2192342	20	12 24.1	20.1
326750 2003 RS_{24}	15.7	X	52.97437	357.65142	326.43654	16.13629	0.1004216	0.18192599	3.0846523	20	11 17.9	20.4
326751 2003 SK_{12}	15.7	X	1.75231	208.55669	161.29127	9.45012	0.1184143	0.17991185	3.1076316	20	11 14.1	19.7
326752 2003 SD_{28}	15.7	X	345.21705	24.81049	344.09574	26.12975	0.1126381	0.17538208	3.1609132	20	10 1.7	19.9
326753 2003 SZ_{31}	16.2	X	293.99186	184.57203	204.32321	24.92097	0.1987592	0.28650429	2.2788476	20	8 12.4	19.1
326754 2003 SV_{62}	15.1	X	302.70081	226.45707	185.91573	27.00423	0.1758972	0.17481845	3.1677036	20	9 22.9	18.9
326755 2003 SO_{63}	17.8	X	140.15781	301.62828	321.29858	6.34775	0.1113873	0.30524352	2.1845991	20	—	—
326756 2003 SW_{66}	15.2	X	24.74813	332.81323	28.44347	25.36143	0.2408133	0.17911339	3.1168604	20	12 17.5	19.7
326757 2003 SG_{68}	16.2	X	323.13564	193.72565	207.48954	8.85562	0.0864933	0.17815708	3.1280041	20	10 20.8	20.0
326758 2003 SU_{70}	15.4	X	80.72362	30.15982	266.50718	8.32282	0.0666424	0.18163341	3.0879640	20	11 16.4	20.0
326759 2003 SQ_{85}	15.5	X	5.13800	73.04162	282.13211	14.81984	0.1173699	0.17714292	3.1399316	20	10 22.3	19.7
326760 2003 SC_{87}	15.7	X	67.87424	300.50066	52.09507	8.31398	0.1520322	0.18728953	3.0254760	20	—	—
326761 2003 SF_{93}	17.9	X	68.15148	128.11570	205.36477	5.75379	0.2305671	0.30228061	2.1988513	20	—	—
326762 2003 SN_{131}	17.1	X	326.80222	21.47755	13.82269	2.50139	0.1934635	0.29236260	2.2483030	20	11 25.1	18.6
326763 2003 SA_{135}	15.5	X	32.86682	193.14150	175.13784	16.78977	0.0293188	0.18335163	3.0686418	20	12 13.0	20.1
326764 2003 SQ_{141}	15.6	X	286.95902	168.81404	239.62793	6.18092	0.1122788	0.16842752	3.2473369	20	8 29.8	20.0
326765 2003 SJ_{164}	15.3	X	47.49165	306.04179	20.41013	22.64811	0.1949072	0.17839528	3.1252192	20	11 24.4	20.1
326766 2003 SN_{165}	15.7	X	355.27277	209.51118	181.19116	17.40489	0.2000315	0.17748260	3.1359240	20	12 6.8	19.6
326767 2003 SH_{177}	15.4	X	37.63020	119.64761	177.99919	11.67039	0.0943041	0.17347394	3.1840501	20	9 29.7	19.5
326768 2003 SX_{180}	18.0	X	314.65425	70.58973	302.66596	5.09421	0.1906765	0.28894412	2.2660012	20	9 10.9	19.5
326769 2003 SE_{192}	16.8	X	148.66335	6.22065	293.76304	4.39965	0.3073021	0.31199047	2.1529891	20	—	—
326770 2003 SM_{193}	15.8	X	98.90698	131.30530	196.34548	28.47459	0.1697361	0.18941174	3.0028349	20	—	—
326771 2003 SJ_{196}	15.1	X	76.03624	95.83527	225.48825	12.87722	0.0410168	0.18032908	3.1028363	20	12 8.1	19.6
326772 2003 SQ_{196}	15.4	X	72.83345	115.23757	237.82730	8.80221	0.1077145	0.18521019	3.0480784	20	—	—
326773 2003 SN_{199}	15.9	X	41.87352	155.93519	212.42722	9.66071	0.2006299	0.18271624	3.0757517	20	—	—
326774 2003 SU_{203}	18.0	X	107.71190	127.46788	181.54571	6.21783	0.1993667	0.30657269	2.1782802	20	—	—
326775 2003 SW_{215}	17.9	X	240.67054	221.73636	135.07841	1.83063	0.1917259	0.27481098	2.3430416	20	4 23.2	21.3
326776 2003 SL_{220}	17.1	X	323.09643	337.49792	33.16808	6.25806	0.1847847	0.28732100	2.2745272	20	10 3.8	18.5
326777 2003 SV_{222}	17.7	X	125.23273	75.19235	234.49047	19.40706	0.3898219	0.42726127	1.7458504	20	—	—
326778 2003 SF_{223}	15.1	X	11.80224	334.17342	38.07918	20.68316	0.1914300	0.17634588	3.1493856	20	12 3.7	19.2
326779 2003 SM_{224}	15.5	X	112.13648	275.31962	9.70739	11.85956	0.0794035	0.18293012	3.0733539	20	12 6.7	20.4
326780 2003 SJ_{225}	16.0	X	327.57874	12.94802	4.52491	4.62624	0.1714980	0.17165817	3.2064642	20	9 22.2	19.5
326781 2003 SF_{234}	15.7	X	81.69566	274.64797	40.63103	9.72204	0.0745499	0.18276849	3.0751656	20	12 10.6	20.3
326782 2003 SK_{234}	15.3	X	252.27910	83.90616	41.72763	9.82709	0.0460939	0.17791606	3.1308285	20	11 2.7	19.7
326783 2003 SA_{242}	17.9	X	250.40029	191.29066	240.45685	2.16745	0.1296863	0.28610144	2.2809864	20	8 23.7	20.6
326784 2003 SX_{244}	15.7	X	80.39753	301.26347	359.09721	10.72473	0.1425978	0.18240416	3.0792590	20	11 27.5	20.5
326785 2003 SH_{269}	16.1	X	40.74951	136.19326	212.48709	12.61278	0.1034270	0.17938373	3.1137281	20	12 7.5	20.5
326786 2003 SM_{279}	15.6	X	14.82732	174.70402	228.00142	9.24521	0.1114974	0.18636849	3.0354359	20	—	—
326787 2003 SM_{281}	15.5	X	259.02954	250.19174	241.10101	8.96298	0.0637833	0.18137479	3.0908987	20	11 15.9	19.8
326788 2003 SC_{284}	15.3	X	51.89642	162.05225	218.58521	12.92124	0.0719416	0.18906479	3.0065074	20	—	—
326789 2003 SA_{288}	15.3	X	351.81476	158.92597	242.72795	10.98279	0.0949683	0.17762244	3.1342779	20	12 3.9	19.3
326790 2003 SQ_{288}	17.4	X	205.92309	222.61331	140.72995	2.84986	0.2374553	0.26998607	2.3708740	20	3 30.7	21.5
326791 2003 SJ_{292}	15.5	X	40.70548	79.04551	233.22095	14.66664	0.0444629	0.17507318	3.1646302	20	10 11.9	20.0
326792 2003 SR_{293}	17.5	X	269.27080	92.57417	327.60873	5.10135	0.1080074	0.28771472	2.2724517	20	9 8.5	19.8
326793 2003 SY_{293}	15.4	X	34.01851	333.24857	42.58777	13.81899	0.2455626	0.18192086	3.0847103	20	—	—
326794 2003 SV_{295}	15.4	X	32.85664	145.50506	210.90153	23.75346	0.1161365	0.18097303	3.0954715	20	12 7.9	19.9
326795 2003 SZ_{295}	17.3	X	170.02035	157.95215	270.62076	5.69654	0.1990692	0.27098627	2.3650365	20	5 20.0	21.3
326796 2003 SP_{302}	15.5	X	9.28407	141.00169	252.75475	8.80059	0.0816368	0.18345410	3.0674990	20	12 18.9	19.4
326797 2003 SW_{302}	15.9	X	325.17352	13.57041	11.18704	14.97517	0.1689690	0.17287017	3.1914596	20	9 28.8	19.3
326798 2003 SF_{313}	17.2	X	178.76836	227.39405	206.86604	1.86817	0.1768245	0.27455799	2.3444807	20	6 4.9	20.9
326799 2003 SR_{322}	17.3	X	333.39757	289.34327	90.05319	3.59010	0.1775357	0.29283447	2.2458871	20	11 14.3	18.9
326800 2003 SK_{327}	16.8	X	105.25268	256.46107	40.41309	2.48091	0.1056771	0.18514021	3.0488464	20	12 17.6	21.4

Planet		H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
		m		°	°	°	°		°				
326801	2003 SW_{332}	17.6	X	250.73278	147.06867	315.94880	4.01366	0.0913262	0.29327040	2.2436609	20	10 15.6	20.2
326802	2003 SZ_{336}	15.5	X	273.32766	6.59686	68.35449	21.19945	0.0677785	0.17011066	3.2258811	20	10 5.9	20.3
326803	2003 SK_{337}	16.0	X	263.93777	65.60570	56.24119	10.04359	0.0336141	0.17869780	3.1216910	20	11 14.6	20.4
326804	2003 SG_{339}	16.4	X	175.98748	146.23315	51.91293	10.05412	0.0579456	0.17732587	3.1377715	20	11 2.4	21.1
326805	2003 SH_{339}	16.5	X	98.53834	233.60805	54.74018	10.54264	0.0348891	0.17997087	3.1069522	20	11 23.3	21.0
326806	2003 SP_{348}	18.0	X	166.30160	277.24255	176.64713	5.87168	0.0735228	0.27711405	2.3300416	20	6 17.4	21.3
326807	2003 SK_{393}	16.2	X	293.99115	325.40424	118.30843	6.62334	0.0476207	0.17726576	3.1384808	20	11 6.9	20.5
326808	2003 SR_{397}	16.0	X	200.65183	48.94181	138.39025	11.09199	0.0936137	0.17761474	3.1343684	20	11 15.4	20.9
326809	2003 SK_{418}	15.7	X	22.75651	203.56736	134.89111	9.99235	0.0761624	0.17495848	3.1660132	20	10 31.7	20.1
326810	2003 ST_{429}	16.4	X	62.24389	285.39645	33.19454	1.34514	0.0698250	0.17894245	3.1188451	20	11 22.1	20.8
326811	2003 SS_{431}	16.1	X	312.51003	182.81079	192.32509	10.08048	0.1092906	0.16894894	3.2406521	20	8 25.8	20.4
326812	2003 TG_{1}	15.2	X	75.37218	72.62191	268.46864	12.57947	0.3036167	0.18603040	3.0391124	20	—	—
326813	2003 TJ_{4}	17.7	X	60.86726	154.79325	178.49088	4.30031	0.1817099	0.29969907	2.2114601	20	—	—
326814	2003 TN_{9}	15.8	X	85.62214	159.14969	199.25349	7.90608	0.0662617	0.18892445	3.0079961	20	—	—
326815	2003 TQ_{19}	16.3	X	352.55193	216.57469	147.13745	0.31084	0.1708247	0.17482919	3.1675738	20	10 22.3	19.8
326816	2003 TY_{22}	16.4	X	49.97264	106.85234	253.29771	8.23357	0.1141596	0.18427563	3.0583753	20	—	—
326817	2003 TH_{27}	16.4	X	354.01110	130.08068	227.53299	8.21523	0.0995783	0.17415071	3.1757957	20	10 10.2	20.4
326818	2003 TG_{39}	15.5	X	274.92903	181.36814	236.30634	8.75586	0.0853630	0.16946941	3.2340135	20	8 28.1	20.2
326819	2003 TN_{44}	15.5	X	254.10856	288.67408	231.86559	14.24794	0.0258417	0.18297750	3.0728233	20	12 19.9	19.9
326820	2003 TM_{45}	16.0	X	302.16308	180.21073	224.97927	11.41872	0.1046443	0.17176647	3.2051163	20	9 17.4	20.4
326821	2003 TV_{50}	15.8	X	108.38335	13.71531	297.45183	10.70424	0.1276551	0.18863884	3.0110316	20	—	—
326822	2003 TQ_{54}	15.8	X	192.38787	126.37838	57.27537	10.01797	0.0631596	0.17696927	3.1419852	20	11 2.8	20.5
326823	2003 TT_{55}	15.4	X	194.20970	95.03272	67.36958	9.83283	0.0389000	0.17379365	3.1801440	20	10 14.3	20.1
326824	2003 TA_{56}	16.2	X	293.32587	5.74642	56.47269	9.93555	0.0679775	0.17353502	3.1833028	20	10 8.9	20.5
326825	2003 TF_{59}	15.8	X	127.10665	270.84696	38.39588	7.98258	0.0696423	0.18887464	3.0085249	20	—	—
326826	2003 UT_{1}	15.4	X	248.40879	35.81868	64.30712	9.80539	0.0357069	0.17368189	3.1815080	20	10 3.2	20.0
326827	2003 UL_{7}	15.8	X	342.54777	8.53887	33.16703	11.02957	0.0470868	0.17727691	3.1383492	20	11 16.3	20.1
326828	2003 UO_{24}	17.8	X	128.56109	253.27219	219.31337	18.72171	0.0396958	0.38894298	1.8587120	20	5 22.9	19.5
326829	2003 UT_{26}	16.3	X	202.83661	16.14441	68.64871	25.98850	0.2590528	0.27435677	2.3456269	20	7 5.5	20.6
326830	2003 UQ_{27}	15.3	X	309.81783	18.30816	48.58284	13.99944	0.1441284	0.17577078	3.1562515	20	10 30.4	19.0
326831	2003 UN_{29}	15.5	X	251.73714	11.64932	46.90768	9.07815	0.1701446	0.16137988	3.3412051	20	7 25.6	20.6
326832	2003 UY_{46}	17.5	X	354.59199	278.48011	91.81847	3.81936	0.1757843	0.29417371	2.2390656	20	12 12.3	19.5
326833	2003 UD_{48}	17.2	X	5.15238	224.76738	133.49583	7.56153	0.2252116	0.29386010	2.2406583	20	12 20.9	19.6
326834	2003 UZ_{51}	15.6	X	124.50251	23.93836	272.68256	10.82621	0.1275335	0.18546089	3.0453309	20	—	—
326835	2003 UN_{64}	15.1	X	325.99523	336.50544	40.81855	27.23521	0.1346436	0.17156865	3.2075795	20	10 4.9	19.3
326836	2003 UC_{70}	18.3	X	208.44576	196.75746	309.81985	2.44761	0.0371748	0.29131537	2.2536880	20	10 26.7	21.1
326837	2003 UU_{75}	17.6	X	72.31867	32.75313	261.69802	4.75254	0.1946640	0.29771054	2.2212967	20	12 10.9	20.8
326838	2003 UY_{76}	16.7	X	12.86611	88.06907	252.60001	9.05107	0.1742333	0.29312171	2.2444196	20	11 28.3	18.9
326839	2003 UB_{80}	16.9	X	25.57576	243.74326	126.55601	6.20305	0.1034967	0.29818603	2.2189347	20	—	—
326840	2003 UP_{90}	17.9	X	321.98849	195.39968	169.46681	5.80671	0.1715767	0.28761920	2.2729548	20	9 19.3	19.1
326841	2003 UO_{101}	15.6	X	302.41778	222.34017	194.45440	13.60788	0.1863805	0.17321337	3.1872425	20	9 26.3	19.5
326842	2003 UV_{111}	17.6	X	330.77297	329.76942	60.88278	3.71514	0.1662939	0.29238758	2.2481749	20	11 24.4	19.2
326843	2003 UM_{113}	15.9	X	77.92553	165.49379	173.10134	9.22867	0.2826067	0.18515231	3.0487136	20	—	—
326844	2003 UJ_{116}	15.6	X	24.48712	321.47059	41.58032	18.70923	0.1317535	0.17852589	3.1236947	20	12 4.0	19.9
326845	2003 UU_{118}	18.1	X	13.44314	284.10053	62.60855	3.28882	0.1195716	0.29405806	2.2396526	20	11 28.9	20.3
326846	2003 UD_{130}	16.9	X	262.73238	90.41230	304.44925	4.14263	0.2299070	0.27991834	2.3144536	20	7 3.1	19.8
326847	2003 UO_{136}	17.8	X	13.87557	154.31358	203.55785	1.47764	0.1914000	0.29575988	2.2310530	20	12 27.6	20.1
326848	2003 UZ_{145}	15.3	X	53.13083	287.75196	59.59354	17.37980	0.2135207	0.18017437	3.1046123	20	—	—
326849	2003 UC_{156}	17.8	X	117.52831	209.80011	84.87382	5.82822	0.1811356	0.30475262	2.1869444	20	—	—
326850	2003 UY_{156}	15.3	X	40.49293	293.20211	72.47120	11.25038	0.1851891	0.18169150	3.0873057	20	—	—
326851	2003 UT_{168}	17.3	X	288.31282	131.23426	269.91428	1.61097	0.2049755	0.28491768	2.2872999	20	8 26.7	19.4
326852	2003 UL_{175}	15.8	X	37.50240	132.02717	218.39728	7.68125	0.0708561	0.17865012	3.1222465	20	12 1.1	20.1
326853	2003 UQ_{184}	15.8	X	31.19165	261.27151	119.07220	5.73036	0.1550635	0.18154851	3.0889267	20	—	—
326854	2003 UY_{185}	17.0	X	276.40130	6.48031	51.65968	7.43524	0.0787416	0.28660899	2.2782926	20	9 26.9	19.5
326855	2003 UL_{187}	17.0	X	198.25798	155.58635	290.33561	4.09877	0.1956136	0.27509270	2.3414416	20	7 7.8	20.8
326856	2003 UQ_{187}	15.1	X	41.29363	91.65899	265.84599	8.43869	0.1121217	0.17837169	3.1254947	20	12 19.5	19.3
326857	2003 UT_{192}	16.4	X	163.43155	106.89102	43.99493	25.53973	0.1723798	0.27923240	2.3182424	20	9 16.2	20.6
326858	2003 UM_{201}	15.6	X	11.46746	150.43553	210.34962	16.15297	0.1479565	0.17541576	3.1605086	20	11 18.1	19.6
326859	2003 UN_{202}	16.9	X	334.64307	319.99407	53.88230	9.10493	0.1481299	0.28933488	2.2639606	20	11 4.1	18.7
326860	2003 UC_{206}	17.2	X	44.98768	129.74314	223.35704	3.59653	0.2364726	0.29953305	2.2122772	20	—	—
326861	2003 UK_{207}	17.5	X	243.02171	51.92355	353.87809	2.96968	0.1200903	0.27875192	2.3209056	20	7 9.7	20.6
326862	2003 UN_{212}	17.5	X	359.31717	334.76319	15.88802	3.72971	0.1957805	0.29016574	2.2596368	20	11 22.3	19.5
326863	2003 UT_{220}	15.8	X	21.22373	134.66253	225.41845	9.02977	0.0117663	0.17885567	3.1198538	20	11 14.8	20.2
326864	2003 UR_{226}	16.1	X	70.27816	43.51624	284.91806	2.60701	0.2872700	0.18199114	3.0839161	20	—	—
326865	2003 UC_{237}	15.2	X	58.85195	304.25403	61.92877	11.95106	0.0908530	0.18381412	3.0634924	20	—	—
326866	2003 UW_{240}	17.6	X	22.12815	4.68441	336.93772	3.35220	0.1502719	0.29327367	2.2436443	20	12 8.9	20.1
326867	2003 UO_{243}	17.2	X	320.51651	343.82681	34.60270	3.99421	0.2184805	0.28734198	2.2744165	20	10 9.4	18.1
326868	2003 UB_{248}	16.4	X	54.18955	310.41488	28.40624	5.77152	0.1432696	0.18020101	3.1043063	20	12 16.6	21.0
326869	2003 UF_{250}	17.6	X	21.91434	269.22616	92.30467	3.08254	0.2367856	0.29650272	2.2273250	20	—	—
326870	2003 UY_{270}	15.7	X	50.75400	254.38396	82.79191	10.19464	0.0553078	0.17939924	3.1135486	20	11 29.8	20.0
326871	2003 UA_{294}	15.3	X	9.15434	234.74511	130.26389	17.67972	0.2278522	0.17577255	3.1562303	20	12 3.9	19.3
326872	2003 UA_{295}	17.6	X	239.52530	165.29060	265.74984	2.37366	0.0870262	0.28374357	2.2936054	20	8 14.2	20.4
326873	2003 UN_{303}	15.9	X	313.57965	60.24751	352.94392	9.99057	0.0051059	0.17412218	3.1761425	20	10 22.1	20.4
326874	2003 UP_{314}	15.6	X	84.45042	62.95032	228.58934	13.89478	0.0416098	0.17340143	3.1849377	20	11 10.9	20.1
326875	2003 UB_{317}	17.8	X	31.85736	19.69048	330.92624	3.19073	0.0858611	0.29952490	2.2123174	20	12 26.7	20.5
326876	2003 UE_{317}	17.9	X	207.84454	77.59745	6.29093	4.77271	0.1899530	0.28000003	2.3140034	20	7 15.8	21.5
326877	2003 UG_{339}	18.2	X	205.00196	19.40642	52.22399	2.88044	0.1942904	0.27715031	2.3298384	20	6 25.3	21.9
326878	2003 UB_{350}	16.5	X	178.51740	135.57939	85.41418	4.05061	0.0597570	0.18250202	3.0781582	20	12 2.1	21.0
326879	2003 UU_{355}	15.8	X	43.95297	306.90573	19.43773	10.64807	0.0751869	0.17543732	3.1602497	20	11 7.1	20.2
326880	2003 UM_{364}	15.6	X	60.43463	109.28771	184.07141	18.06264	0.1614699	0.17554293	3.1589820	20	11 3.9	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326881 2003 UD_{372}	16.0	X	20.88028	175.26010	228.21791	11.33764	0.1241085	0.18943137	3.0026275	20	—	—
326882 2003 UP_{374}	16.1	X	272.99222	210.06880	209.09258	9.84542	0.0957070	0.17233008	3.1981242	20	8 27.0	20.7
326883 2003 UY_{399}	16.3	X	126.96618	111.73556	222.67153	26.79169	0.1949607	0.19143444	2.9816455	20	—	—
326884 2003 UA_{415}	16.1	X	212.21131	45.14343	108.32154	9.08521	0.1216855	0.17221513	3.1995472	20	10 15.7	21.1
326885 2003 VB_{10}	15.5	X	21.11708	142.63413	224.61476	8.28306	0.1957478	0.17682940	3.1436419	20	12 16.4	19.6
326886 2003 WD	16.3	X	316.93672	319.84865	69.41143	2.19528	0.1191760	0.17017109	3.2251175	20	9 23.3	20.2
326887 2003 WJ_{7}	17.6	X	80.06329	48.40707	282.59794	5.41340	0.2987451	0.30276616	2.1964998	20	—	—
326888 2003 WX_{13}	17.6	X	254.69212	154.33715	241.80560	2.64258	0.1148459	0.27868726	2.3212645	20	7 11.3	20.3
326889 2003 WN_{14}	16.0	X	322.02670	186.40454	230.00834	8.33914	0.0719999	0.17425739	3.1744994	20	11 6.8	20.2
326890 2003 WS_{17}	15.4	X	46.60197	249.96506	105.40930	15.58912	0.2195540	0.17994143	3.1072911	20	—	—
326891 2003 WS_{18}	15.4	X	99.64716	18.49548	298.88229	10.61936	0.3216222	0.18429252	3.0581885	20	—	—
326892 2003 WM_{23}	16.0	X	34.87814	138.55870	226.28626	14.55235	0.1690825	0.17860720	3.1227466	20	12 26.8	20.5
326893 2003 WN_{23}	16.1	X	27.14478	170.20946	206.27064	4.79074	0.1866746	0.17915674	3.1163576	20	—	—
326894 2003 WV_{25}	16.2	X	135.57856	237.89888	264.26430	22.54045	0.1914465	0.27155947	2.3617074	20	7 18.0	20.3
326895 2003 WQ_{28}	17.3	X	336.34476	135.50021	246.60212	6.43426	0.1184970	0.29007378	2.2601143	20	11 16.1	19.4
326896 2003 WN_{45}	17.0	X	57.77751	171.99835	308.87496	2.75939	0.1470394	0.25536990	2.4604974	20	3 8.6	19.5
326897 2003 WX_{48}	17.9	X	187.87576	48.90775	51.71710	3.94195	0.1692304	0.27583681	2.3372288	20	7 19.3	21.6
326898 2003 WL_{56}	15.6	X	62.91370	52.35500	256.48589	12.00545	0.1041443	0.17221849	3.1995055	20	11 13.6	20.3
326899 2003 WS_{73}	16.9	X	327.04536	318.18139	51.86285	6.95383	0.1464481	0.28522349	2.2856647	20	10 12.3	18.6
326900 2003 WL_{75}	17.1	X	272.13336	279.53068	135.23466	6.95961	0.1180671	0.28166509	2.3048750	20	9 5.2	19.6
326901 2003 WF_{80}	15.7	X	64.15607	279.39594	51.71292	17.20950	0.2288673	0.17818992	3.1276199	20	12 27.1	20.7
326902 2003 WY_{88}	17.4	X	75.35906	287.40903	69.54402	6.72244	0.2040128	0.30383170	2.1913613	20	—	—
326903 2003 WD_{94}	15.5	X	34.85035	310.63977	39.56168	17.48706	0.0999010	0.17641520	3.1485606	20	11 27.3	19.9
326904 2003 WS_{120}	17.0	X	153.09804	28.11572	57.46175	7.26212	0.2238334	0.26527611	2.3988548	20	5 28.3	21.0
326905 2003 WT_{124}	17.2	X	174.13183	94.48534	350.74714	4.79931	0.1979289	0.26843042	2.3800252	20	6 14.6	21.1
326906 2003 WC_{143}	15.5	X	93.33262	223.33415	71.76309	12.08017	0.0304852	0.17345502	3.1842816	20	11 24.8	20.1
326907 2003 WS_{150}	17.3	X	328.37389	244.75748	140.92977	4.64967	0.1339492	0.28850500	2.2683000	20	11 9.2	19.2
326908 2003 WH_{161}	16.3	X	352.09596	288.34536	81.62560	3.75859	0.1689959	0.17107096	3.2137976	20	10 29.8	19.8
326909 2003 WU_{161}	17.1	X	246.66427	293.71119	114.39633	6.51647	0.2380604	0.27785311	2.3259081	20	7 1.2	20.3
326910 2003 WF_{171}	15.6	X	50.76515	280.44533	75.27239	16.53156	0.1333153	0.18183666	3.0856625	20	12 31.8	20.1
326911 2003 WG_{172}	17.2	X	172.17034	298.29617	142.31785	6.39584	0.2068852	0.26779701	2.3837767	20	6 8.1	21.2
326912 2003 WM_{172}	17.4	X	229.89248	301.72568	138.86642	6.37782	0.2060917	0.27724199	2.3293248	20	7 30.8	20.6
326913 2003 XZ_{2}	17.1	X	238.20408	306.18793	118.50328	5.14462	0.2231966	0.27763584	2.3271213	20	7 16.4	20.5
326914 2003 XE_{18}	18.2	X	120.71237	128.98161	349.59794	7.40558	0.3082794	0.26174478	2.4203827	20	6 17.8	22.4
326915 2003 XU_{39}	15.3	X	54.26886	255.09719	107.20359	17.53271	0.2407247	0.18072315	3.0983241	20	—	—
326916 2003 YM_{17}	16.8	X	134.93309	38.90643	86.41003	24.08819	0.2424290	0.26645292	2.3917864	20	7 3.1	20.8
326917 2003 YR_{29}	15.1	X	22.14242	272.94281	106.39903	20.61929	0.2318330	0.17410326	3.1763726	20	—	—
326918 2003 YC_{36}	16.7	X	132.99790	332.11430	140.27456	10.38436	0.1686901	0.26283373	2.4136927	20	6 11.8	20.5
326919 2003 YX_{61}	17.5	X	161.74821	186.81278	278.54667	3.13266	0.2018484	0.26722249	2.3871922	20	6 30.0	21.1
326920 2003 YE_{71}	17.4	X	307.28993	71.18999	305.08294	1.63068	0.2594693	0.28404549	2.2919798	20	8 18.6	18.9
326921 2003 YW_{103}	15.0	X	359.35949	301.88914	77.09418	13.31253	0.0977965	0.17318805	3.1875532	20	11 18.0	19.1
326922 2003 YK_{143}	17.7	X	165.22787	65.07647	30.83741	5.08472	0.2000332	0.26756527	2.3851529	20	6 20.7	21.6
326923 2003 YY_{145}	16.7	X	34.99096	73.55966	29.84569	8.37717	0.1642676	0.24509679	2.5287795	20	1 2.9	19.1
326924 2003 YW_{161}	15.9	X	54.51416	219.70343	128.51403	10.47045	0.0809947	0.17614193	3.1518162	20	12 20.0	20.4
326925 2004 BN_{18}	17.3	X	93.21340	79.88435	84.78696	22.44927	0.0848419	0.38061233	1.8857357	20	6 28.9	19.1
326926 2004 BM_{28}	17.4	X	163.26279	2.56142	75.41428	2.86799	0.1832337	0.26201998	2.4186876	20	5 26.5	21.3
326927 2004 BP_{28}	17.0	X	225.42275	96.66681	330.79746	6.53028	0.0935877	0.26969184	2.3725981	20	7 21.7	20.1
326928 2004 BE_{41}	17.4	X	159.86076	143.02725	301.17833	3.37456	0.1528974	0.26205271	2.4184862	20	5 29.8	21.2
326929 2004 BZ_{43}	16.6	X	111.67673	13.18316	135.52073	14.92862	0.1023805	0.26074580	2.4265607	20	6 29.7	20.2
326930 2004 BU_{67}	17.2	X	145.53189	21.48048	132.18950	6.93987	0.0229889	0.27029430	2.3690712	20	8 12.5	20.1
326931 2004 BG_{76}	16.2	X	49.37414	300.91434	126.78231	26.74720	0.1473454	0.24175051	2.5520614	20	—	—
326932 2004 BG_{80}	17.3	X	163.12084	330.51694	132.57501	6.53386	0.1296849	0.26505167	2.4002088	20	6 27.0	21.0
326933 2004 BT_{136}	17.5	X	158.49879	11.59723	98.79757	2.21739	0.1386086	0.26568437	2.3963967	20	7 2.2	21.0
326934 2004 CB_{7}	17.3	X	93.81179	334.30913	197.18408	10.68363	0.1677199	0.26183929	2.4198002	20	7 14.9	20.9
326935 2004 CH_{11}	17.1	X	37.71445	31.23162	155.67008	13.20004	0.1140637	0.25411816	2.4685708	20	5 11.1	20.0
326936 2004 CT_{11}	17.8	X	146.02552	171.49333	280.57785	1.72151	0.1671866	0.25995118	2.4315033	20	5 27.4	21.6
326937 2004 CC_{45}	17.8	X	144.95776	53.65380	50.68861	6.22348	0.0793368	0.26098469	2.4250798	20	6 5.4	21.2
326938 2004 CR_{56}	17.2	X	157.86131	24.11015	99.15541	6.54582	0.1657643	0.26491139	2.4010561	20	7 19.5	21.1
326939 2004 CL_{57}	17.2	X	125.39489	52.74152	76.19794	6.68212	0.1444474	0.26185436	2.4197073	20	6 22.4	20.6
326940 2004 CN_{76}	16.5	X	156.81902	334.15198	155.71987	8.39417	0.0349058	0.26655646	2.3911670	20	7 23.5	19.7
326941 2004 CS_{81}	17.3	X	129.20960	147.18644	331.59484	6.45751	0.0736399	0.25971902	2.4329521	20	6 5.2	20.7
326942 2004 CR_{121}	17.8	X	53.97228	140.08479	87.98806	2.07178	0.1380927	0.26192411	2.4192778	20	8 8.9	20.7
326943 2004 DY_{15}	17.3	X	73.82226	6.14205	185.14715	2.34186	0.1313024	0.25871255	2.4392579	20	7 13.2	20.3
326944 2004 DP_{19}	17.4	X	140.86564	166.85179	277.27460	10.78330	0.2198768	0.25874213	2.4390720	20	5 14.2	21.5
326945 2004 DF_{39}	17.3	X	55.65858	104.19347	126.80243	2.01401	0.1294370	0.26260722	2.4150805	20	8 13.9	20.1
326946 2004 EN_{20}	18.4	X	187.21803	246.36850	185.57657	40.11481	0.3798360	0.38671284	1.8658511	20	6 6.6	22.8
326947 2004 EO_{46}	17.0	X	251.10373	6.24553	3.86537	5.93757	0.1253763	0.25864199	2.4397015	20	5 27.7	20.5
326948 2004 FT_{1}	17.4	X	333.14954	87.88176	194.95787	22.60306	0.0531720	0.37772004	1.8953498	20	6 6.4	19.5
326949 2004 FR_{2}	18.1	X	351.87380	245.84350	9.03736	19.89314	0.0820114	0.37436532	1.9066558	20	5 11.2	19.9
326950 2004 FZ_{7}	18.2	X	103.47381	36.98861	91.91684	3.47240	0.1413017	0.25507832	2.4623721	20	5 28.1	21.6
326951 2004 FV_{15}	18.0	X	294.30318	259.97768	7.54752	20.38151	0.0555488	0.36697820	1.9321576	20	3 10.5	20.0
326952 2004 FC_{61}	17.9	X	25.59772	100.08732	128.41924	1.23186	0.1772808	0.25424416	2.4677551	20	6 24.9	20.0
326953 2004 FN_{67}	16.4	X	45.60207	149.15665	52.10471	6.69657	0.0773187	0.25220662	2.4810284	20	6 5.1	19.2
326954 2004 FG_{131}	16.8	X	58.47302	118.94696	79.40750	7.46149	0.1032190	0.25475588	2.4644494	20	6 26.1	19.7
326955 2004 GU_{11}	17.5	X	344.60029	161.23316	100.75102	22.51253	0.0677470	0.37359667	1.9092702	20	5 29.1	19.3
326956 2004 GY_{11}	17.3	X	10.87287	123.99791	77.25730	23.37700	0.0497321	0.36931658	1.9239931	20	4 14.7	19.6
326957 2004 GF_{34}	16.7	X	345.68630	290.94976	301.99944	8.67882	0.1495537	0.24523587	2.5278233	20	3 30.3	19.6
326958 2004 GH_{47}	17.7	X	320.09872	29.45868	195.21659	2.63762	0.1169268	0.24047447	2.5610815	20	2 15.3	20.8
326959 2004 HP_{1}	17.0	X	146.26595	33.94950	48.14873	22.58861	0.1161717	0.36967692	1.9227426	20	5 8.5	19.2
326960 2004 HL_{20}	16.3	X	199.92592	349.32090	23.58452	12.96821	0.1249696	0.24576158	2.5242172	20	4 8.7	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
326961 2004 HJ_{71}	16.9	X	324.26695	39.13645	211.31816	11.78872	0.0719250	0.24529974	2.5273846	20	4 1.9	19.9
326962 2004 JC_2	17.7	X	16.81265	87.72680	160.13326	24.54351	0.1585386	0.37451264	1.9061558	20	7 15.8	19.4
326963 2004 JC_7	16.3	X	240.64834	125.92567	199.39761	30.33500	0.2710815	0.23456414	2.6039240	20	3 7.9	21.2
326964 2004 JR_{14}	16.7	X	335.25468	112.90810	128.14923	4.14827	0.1378965	0.24204752	2.5499733	20	4 1.5	19.4
326965 2004 JL_{18}	16.5	X	301.89737	222.97242	56.72048	16.02557	0.1079567	0.24247902	2.5469472	20	4 12.7	19.9
326966 2004 JB_{20}	16.7	X	267.10171	231.92191	47.94736	12.37918	0.1671717	0.23620759	2.5918318	20	2 22.7	20.8
326967 2004 JE_{20}	16.9	X	318.45958	270.98852	26.13918	4.18107	0.2326728	0.24551609	2.5258996	20	5 5.4	19.4
326968 2004 JX_{21}	17.2	X	311.04983	68.49447	222.29986	5.77170	0.0948103	0.24656959	2.5186996	20	5 6.9	20.1
326969 2004 JG_{44}	16.7	X	255.09186	110.19416	213.15304	16.19918	0.3396309	0.23663729	2.5886933	20	3 11.2	21.6
326970 2004 JQ_{45}	16.1	X	334.84930	136.02438	95.80018	13.85328	0.1452160	0.23958041	2.5674491	20	3 24.0	19.3
326971 2004 KB_{12}	16.6	X	291.44481	240.30159	33.33509	12.96616	0.0786510	0.24229329	2.5482486	20	3 23.8	20.0
326972 2004 LV_4	16.5	X	294.71521	100.99616	196.74225	12.23966	0.1891760	0.24134583	2.5549134	20	4 7.5	19.8
326973 2004 LR_7	16.0	X	280.97875	192.89408	96.58512	15.55048	0.2449968	0.23473264	2.6026777	20	3 11.9	20.2
326974 2004 LO_{31}	16.9	X	325.81186	207.59705	60.44960	9.03331	0.2670890	0.23946420	2.5682797	20	4 5.5	19.6
326975 2004 MJ	16.1	X	94.58055	304.25056	74.72968	9.35875	0.1936634	0.21507425	2.7589496	20	1 4.9	19.5
326976 2004 MY_6	17.3	X	248.00731	93.57009	235.55791	4.65073	0.2566241	0.23287737	2.6164827	20	3 20.6	21.8
326977 2004 NU_1	15.8	X	176.69935	38.46842	304.43463	11.25957	0.1868482	0.22066566	2.7121448	20	2 11.5	20.2
326978 2004 NT_2	16.0	X	269.51174	181.47088	141.12575	14.55803	0.1846980	0.23425273	2.6062312	20	4 16.1	20.0
326979 2004 NH_{16}	16.3	X	249.44573	11.70247	292.78288	13.74472	0.1812961	0.22920987	2.6443189	20	2 23.2	20.7
326980 2004 NA_{20}	16.1	X	261.99534	342.62683	279.55332	10.71771	0.1516300	0.22648861	2.6654577	20	1 22.0	20.2
326981 2004 OH_8	16.7	X	187.14775	209.72836	116.10263	7.03869	0.2304131	0.22119816	2.7077904	20	2 3.9	21.3
326982 2004 OV_{14}	16.1	X	268.46334	193.38180	90.63559	13.51324	0.1626357	0.23028201	2.6361050	20	2 29.5	20.3
326983 2004 PJ_4	16.7	X	253.47245	133.91332	173.89242	13.35735	0.2748751	0.23041525	2.6350887	20	2 28.3	21.3
326984 2004 PM_5	17.0	X	207.66657	116.06887	222.84974	3.13618	0.2059714	0.22583210	2.6706211	20	3 3.4	21.5
326985 2004 PV_{20}	16.7	X	265.97243	145.01483	160.51443	13.24249	0.1821664	0.22982312	2.6396129	20	3 18.5	20.7
326986 2004 PM_{38}	15.8	X	239.88857	188.17935	146.86355	20.19522	0.2365686	0.22872660	2.6480424	20	3 28.8	20.4
326987 2004 PB_{60}	16.6	X	253.88061	289.87877	9.62860	7.76901	0.2309030	0.22710622	2.6606232	20	2 25.7	21.0
326988 2004 PN_{77}	16.0	X	300.02312	90.82831	162.60223	12.43090	0.1293900	0.22991606	2.6389015	20	2 25.8	19.5
326989 2004 PG_{78}	16.8	X	223.75723	343.41241	310.34749	12.76152	0.1933005	0.22186292	2.7023789	20	1 25.9	21.3
326990 2004 PB_{79}	16.5	X	250.42823	36.94705	263.57473	5.66141	0.2051964	0.22729388	2.6591585	20	2 20.9	21.0
326991 2004 PC_{80}	16.6	X	257.00508	134.93196	166.58574	17.29347	0.1892407	0.22780760	2.6551593	20	3 2.4	20.6
326992 2004 PZ_{86}	16.4	X	229.49470	147.03718	154.84632	12.19579	0.0450663	0.22372465	2.6873660	20	2 14.4	20.2
326993 2004 PG_{88}	16.8	X	254.57643	68.47338	217.96907	5.59952	0.2120770	0.22555932	2.6727738	20	2 7.9	21.3
326994 2004 PQ_{91}	16.2	X	160.98045	354.00404	337.35340	6.53260	0.0992343	0.21645637	2.7471928	20	1 11.9	20.4
326995 2004 PN_{115}	17.1	X	300.14945	105.73521	177.57300	11.40645	0.2336992	0.23482475	2.6019971	20	3 20.3	20.6
326996 2004 QJ_4	16.1	X	265.02101	237.34875	22.98566	12.37150	0.1334527	0.22626213	2.6672362	20	1 30.5	20.3
326997 2004 QE_{18}	16.3	X	143.84263	199.20101	151.90537	9.23203	0.1342009	0.21551869	2.7551553	20	1 19.5	20.5
326998 2004 QG_{27}	15.9	X	260.84278	47.83876	238.11609	14.66805	0.2043951	0.22511000	2.6763292	20	2 9.5	20.6
326999 2004 QG_{28}	16.8	X	63.64381	229.01940	199.70753	5.45756	0.0539574	0.21356297	2.7719501	20	1 5.1	20.4
327000 2004 RZ_5	16.3	X	140.62810	339.62465	29.66388	9.09814	0.2066842	0.21579873	2.7527713	20	2 18.9	20.8
327001 2004 RB_{16}	16.6	X	233.45865	135.06960	172.10646	12.40605	0.1715098	0.22409059	2.6844396	20	2 17.3	21.1
327002 2004 RD_{19}	16.4	X	80.23800	30.48047	343.87599	14.48848	0.1496059	0.20588719	2.8404239	20	—	—
327003 2004 RU_{21}	16.7	X	90.90468	33.84497	313.04409	1.06167	0.0733926	0.20358880	2.8617617	20	—	—
327004 2004 RO_{29}	16.2	X	219.55289	192.19683	134.91211	15.10117	0.1600549	0.22611741	2.6683741	20	3 3.9	20.6
327005 2004 RG_{51}	16.9	X	211.08497	203.86187	132.84763	4.75364	0.1926903	0.22339436	2.6900143	20	3 6.3	21.4
327006 2004 RY_{53}	16.5	X	145.43703	168.33399	183.00464	9.19529	0.1610043	0.21422019	2.7662778	20	1 23.3	20.8
327007 2004 RG_{56}	16.4	X	130.60028	168.20972	171.85193	20.84462	0.1012846	0.20991814	2.8039445	20	—	—
327008 2004 RY_{56}	16.7	X	126.64429	70.93241	267.52422	3.05185	0.1083038	0.20886616	2.8133515	20	—	—
327009 2004 RK_{84}	16.2	X	51.00485	212.93742	203.00201	14.80899	0.1319320	0.20279712	2.8692046	20	—	—
327010 2004 RU_{92}	16.5	X	123.57338	125.53925	251.79618	7.21426	0.2283763	0.21384037	2.7695524	20	2 7.9	20.8
327011 2004 RZ_{95}	16.3	X	276.86514	70.95548	185.54267	11.93766	0.1709281	0.22531817	2.6746805	20	1 27.3	20.6
327012 2004 RF_{136}	15.9	X	112.60492	95.44037	242.95695	11.26513	0.0664590	0.20570471	2.8421035	20	—	—
327013 2004 RK_{136}	15.6	X	193.27705	77.95458	242.81174	11.03610	0.1406653	0.21741150	2.7391409	20	1 28.0	20.2
327014 2004 RO_{141}	16.5	X	197.34828	306.51437	345.32781	11.86295	0.1308183	0.21495947	2.7599317	20	1 3.1	21.0
327015 2004 RU_{147}	16.4	X	172.45381	191.58079	167.56184	9.44544	0.1487530	0.21874438	2.7280026	20	2 26.8	20.8
327016 2004 RR_{163}	16.6	X	228.86381	77.74030	3.98165	23.89251	0.3632921	0.17092526	3.2156237	20	7 21.2	22.7
327017 2004 RQ_{181}	16.0	X	80.24438	219.03991	191.05072	15.10502	0.1538823	0.20944614	2.8081555	20	1 16.2	19.8
327018 2004 RC_{199}	15.6	X	168.51675	42.07554	306.72781	5.46058	0.2676467	0.21458451	2.7631458	20	2 16.9	20.5
327019 2004 RU_{204}	16.8	X	131.45567	80.49691	282.42684	4.97221	0.0809065	0.21256481	2.7806210	20	1 14.8	20.6
327020 2004 RU_{206}	16.3	X	283.66368	44.35927	236.56973	12.29064	0.2254821	0.23103168	2.6303993	20	2 23.2	20.5
327021 2004 RT_{209}	16.2	X	127.68245	118.29634	230.95063	11.29432	0.1746227	0.21074077	2.7966428	20	1 4.6	20.4
327022 2004 RR_{212}	15.8	X	215.00725	17.82259	269.55006	13.78284	0.1633040	0.21594685	2.7515124	20	1 10.4	20.4
327023 2004 RU_{219}	16.2	X	221.00783	22.89899	271.79061	8.51311	0.1829915	0.21793863	2.7347223	20	1 23.3	20.8
327024 2004 RO_{225}	16.3	X	177.56869	337.08477	351.75625	11.94532	0.2121171	0.21558037	2.7546298	20	2 2.7	21.0
327025 2004 RW_{229}	16.6	X	234.60187	137.83128	193.17713	6.34275	0.2396006	0.22500659	2.6771491	20	3 14.6	21.1
327026 2004 RH_{238}	16.5	X	346.55859	288.72186	197.30987	4.04938	0.0202675	0.20866324	2.8151751	20	—	—
327027 2004 RM_{238}	17.0	X	156.83709	6.98858	335.59926	3.29745	0.1078227	0.21405082	2.7677367	20	1 21.7	21.2
327028 2004 RG_{246}	16.4	X	248.23942	114.07220	198.98380	12.19786	0.1913066	0.22428604	2.6828798	20	3 6.2	20.8
327029 2004 RY_{253}	16.1	X	174.65311	293.63416	83.22848	10.02133	0.2261422	0.22186620	2.7023522	20	3 29.3	20.9
327030 Alanmaclure	16.1	X	144.28225	326.08645	19.66447	11.72362	0.0601250	0.21138704	2.7909398	20	1 8.3	20.3
327031 2004 RD_{290}	16.1	X	147.86866	330.18275	33.11486	12.35047	0.1749947	0.21745405	2.7387835	20	2 17.2	20.6
327032 2004 RA_{312}	16.4	X	202.25847	288.82374	359.98467	4.14411	0.0767211	0.21330800	2.7741586	20	1 2.0	20.5
327033 2004 RK_{323}	16.6	X	70.30247	55.25305	303.41837	8.56973	0.2342842	0.19915007	2.9041279	20	—	—
327034 2004 RO_{324}	16.4	X	168.17422	113.32030	232.35652	6.76399	0.1432532	0.21513686	2.7584144	20	2 4.9	20.8
327035 2004 RB_{335}	16.1	X	145.59480	198.47777	140.18071	13.01035	0.1197524	0.21218092	2.7839739	20	1 5.9	20.3
327036 2004 RN_{345}	16.5	X	345.07696	78.53234	0.24227	7.56948	0.1476498	0.19846776	2.9107802	20	—	—
327037 2004 RS_{346}	15.5	X	276.52640	64.91569	15.28480	25.94033	0.2534695	0.17894260	3.1188433	20	9 17.8	19.9
327038 2004 RV_{346}	17.0	X	313.64437	254.10445	160.92872	0.99313	0.1466566	0.18598681	3.0395873	20	10 22.3	20.4
327039 2004 RY_{356}	16.3	X	158.42639	317.35400	28.86061	9.60698	0.1098542	0.21491294	2.7603300	20	1 30.5	20.6
327040 2004 SV_4	16.6	X	184.88092	121.70574	210.39050	6.96388	0.2359485	0.21571428	2.7534897	20	2 7.1	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327041 2004 SY_{21}	16.4	X	239.68979	282.49273	353.36640	11.22517	0.1456008	0.21930788	2.7233276	20	1 23.3	20.8
327042 2004 SM_{23}	17.0	X	55.01299	359.25084	15.90080	2.80462	0.0694246	0.19748076	2.9204707	20	—	—
327043 2004 SX_{29}	15.8	X	354.20608	14.62725	2.35902	10.68222	0.2436734	0.18817759	3.0159498	20	11 20.4	19.0
327044 2004 SE_{38}	17.0	X	145.24025	73.36852	251.74553	2.74610	0.0930238	0.21006688	2.8026207	20	—	—
327045 2004 SO_{47}	15.0	X	283.26452	16.10444	30.11955	17.29911	0.0754756	0.17816207	3.1279458	20	9 9.3	19.5
327046 2004 SO_{59}	15.8	X	165.52804	303.22667	49.40500	14.06867	0.2174682	0.21390081	2.7690307	20	2 24.4	20.7
327047 2004 TB_{5}	15.5	X	326.77649	180.82857	221.00259	11.05238	0.1848427	0.18421552	3.0590406	20	10 25.8	18.8
327048 2004 TJ_{23}	16.6	X	342.93701	40.07979	355.28574	9.29877	0.0309602	0.18974748	2.9992917	20	11 9.7	20.7
327049 2004 TN_{39}	16.0	X	280.35214	112.23903	12.01165	10.96541	0.1607055	0.19122024	2.9838717	20	11 22.8	19.8
327050 2004 TN_{55}	15.5	X	228.93775	79.50465	46.47086	11.54931	0.1428192	0.17945376	3.1129179	20	9 29.3	20.3
327051 2004 TW_{55}	16.9	X	223.90761	272.29171	42.96025	11.80337	0.2850687	0.21942592	2.7223509	20	2 22.5	22.0
327052 2004 TY_{61}	16.5	X	14.19616	238.65386	182.69297	12.06064	0.1291323	0.19897178	2.9058625	20	—	—
327053 2004 TP_{72}	16.9	X	219.30239	228.72917	54.22460	3.03098	0.0946756	0.21154139	2.7895821	20	1 12.5	21.1
327054 2004 TT_{85}	16.9	X	22.65689	198.96232	177.74489	0.83506	0.0846822	0.19323472	2.9630975	20	12 19.1	20.7
327055 2004 TZ_{85}	16.9	X	155.68259	105.94877	182.52018	1.88622	0.0380858	0.20204705	2.8763013	20	—	—
327056 2004 TA_{89}	16.3	X	292.72853	280.43284	170.92996	5.30339	0.1482532	0.18834532	3.0141590	20	11 5.4	20.0
327057 2004 TX_{144}	16.2	X	357.28183	5.36708	15.60053	2.87403	0.2185919	0.18681908	3.0305531	20	12 1.1	19.4
327058 2004 TG_{146}	16.1	X	165.21516	135.40440	194.41508	8.95211	0.1624503	0.21090548	2.7951866	20	1 17.0	20.7
327059 2004 TG_{149}	16.8	X	7.82227	12.02896	13.49273	15.22649	0.0023438	0.19123833	2.9836835	20	11 26.7	21.3
327060 2004 TK_{155}	16.3	X	244.40415	93.05292	23.70392	5.91438	0.1652901	0.18342401	3.0678345	20	9 28.8	20.6
327061 2004 TS_{157}	16.1	X	178.14163	100.38311	224.45789	12.91625	0.1776072	0.21111547	2.7933328	20	1 21.5	21.0
327062 2004 TF_{203}	15.3	X	242.59210	268.51347	234.40758	11.08115	0.1271885	0.18314994	3.0708943	20	10 31.8	19.7
327063 2004 TG_{204}	15.3	X	225.36630	271.11127	231.74218	24.23559	0.2723583	0.17709816	3.1404606	20	9 21.8	20.9
327064 2004 TE_{205}	15.7	X	278.72872	23.89364	43.59681	21.76130	0.1833462	0.17777652	3.1324666	20	9 18.5	20.2
327065 2004 TA_{206}	16.0	X	304.46467	219.78681	217.83721	7.84274	0.1022162	0.18460279	3.0547608	20	11 8.7	19.6
327066 2004 TE_{215}	16.9	X	69.29412	159.62645	205.42461	5.73536	0.0830417	0.20046709	2.8913943	20	—	—
327067 2004 TM_{235}	16.6	X	56.62815	179.87689	198.48376	7.56803	0.0864442	0.19744477	2.9208256	20	—	—
327068 2004 TS_{296}	16.1	X	32.79689	132.94025	221.73959	9.31458	0.0523569	0.18710240	3.0274930	20	11 29.7	20.2
327069 2004 TY_{305}	15.6	X	88.80044	41.67179	248.49026	9.29960	0.0755890	0.19217595	2.9739708	20	11 21.4	19.9
327070 2004 TN_{306}	16.0	X	9.83048	93.17732	308.26130	7.35031	0.0790948	0.19456933	2.9495321	20	—	—
327071 2004 TQ_{356}	16.2	X	151.13409	175.54292	168.26223	14.33527	0.2019082	0.21097209	2.7945982	20	1 23.8	20.8
327072 2004 TD_{369}	16.1	X	254.95067	87.48949	33.12322	7.82787	0.0950458	0.18363296	3.0655069	20	10 25.0	20.4
327073 2004 UD_{5}	16.2	X	166.36091	167.44475	165.87620	14.48581	0.2074211	0.21210239	2.7846611	20	1 24.9	21.0
327074 2004 UT_{6}	15.7	X	243.95084	49.18779	47.86640	10.67639	0.1852100	0.17636999	3.1490986	20	9 5.2	20.6
327075 2004 VW_{12}	15.6	X	294.94626	28.16350	63.46367	19.93620	0.2166497	0.18368434	3.0649352	20	11 3.4	19.2
327076 2004 VO_{13}	16.2	X	157.33079	230.17668	105.97929	12.51952	0.3450262	0.21087729	2.7954357	20	2 1.1	21.3
327077 2004 VW_{27}	15.0	X	67.32523	78.69691	244.94981	21.21395	0.0198766	0.18588565	3.0406900	20	11 29.1	19.1
327078 2004 VR_{35}	15.6	X	1.20826	350.66143	61.05555	11.20817	0.0966888	0.18911753	3.0059484	20	—	—
327079 2004 VW_{35}	15.5	X	200.31455	60.93278	66.26097	15.57732	0.1344891	0.17139471	3.2097492	20	9 4.9	20.8
327080 2004 VK_{38}	16.8	X	18.17650	332.55212	53.51931	2.99744	0.0775474	0.18953075	3.0015778	20	12 22.8	20.8
327081 2004 VV_{42}	16.3	X	214.12957	64.40236	74.69328	2.10089	0.1572256	0.17783369	3.1317952	20	9 24.6	21.2
327082 Tournesol	16.3	X	33.07991	303.94816	66.26892	12.15997	0.0435534	0.18996072	2.9970467	20	12 17.4	20.4
327083 2004 VK_{68}	16.0	X	264.37974	23.72662	66.42809	6.50980	0.1170468	0.17923568	3.1154424	20	9 28.4	20.3
327084 2004 VS_{86}	15.7	X	10.16264	316.07807	83.70518	10.58059	0.0965286	0.18882920	3.0090076	20	12 31.0	19.6
327085 2004 VF_{89}	15.4	X	283.57633	163.35534	267.77818	9.56780	0.1056232	0.17951202	3.1122444	20	9 23.5	19.7
327086 2004 WW_{7}	15.6	X	86.59561	98.13375	231.94505	12.47740	0.1050806	0.19280775	2.9674704	20	—	—
327087 2004 XH_{1}	16.8	X	267.10406	312.57811	12.11996	11.99887	0.4736069	0.23031941	2.6358196	20	3 17.7	21.7
327088 2004 XE_{8}	15.4	X	311.64513	341.19852	76.15379	21.34230	0.1703085	0.18201627	3.0836323	20	10 28.8	19.2
327089 2004 XT_{14}	16.2	X	314.02515	32.82278	35.50907	10.50852	0.0154425	0.18373564	3.0643647	20	11 13.6	20.5
327090 2004 XR_{21}	15.2	X	327.52042	153.29288	254.88129	15.96589	0.1336247	0.18194150	3.0844770	20	11 3.4	19.0
327091 2004 XA_{25}	15.7	X	30.60533	268.62215	113.67588	3.12865	0.2548834	0.18990765	2.9976051	20	—	—
327092 2004 XB_{25}	15.6	X	300.19776	326.36646	93.47128	14.29636	0.2086817	0.17854786	3.1234385	20	10 3.9	19.5
327093 2004 XO_{31}	15.2	X	290.02067	332.50475	102.73977	11.80341	0.1917554	0.17666641	3.1455751	20	10 7.3	19.3
327094 2004 XO_{33}	15.3	X	261.53074	337.02239	82.90273	29.10345	0.1526659	0.17020360	3.2247066	20	8 13.9	20.4
327095 2004 XG_{56}	15.7	X	0.88809	315.25999	77.62104	11.47519	0.1191975	0.18332688	3.0689180	20	12 10.2	19.4
327096 2004 XL_{94}	15.7	X	248.43584	194.31751	272.18448	7.77891	0.0576706	0.17457628	3.1706324	20	9 29.2	20.3
327097 2004 XJ_{96}	15.7	X	259.26199	50.89574	91.44724	16.70210	0.0488499	0.18020376	3.1042747	20	12 3.6	20.1
327098 2004 XM_{140}	15.4	X	259.81773	353.52947	109.69994	16.73947	0.1308709	0.17405231	3.1769925	20	10 11.0	20.2
327099 2004 XQ_{144}	18.1	X	206.08979	215.66557	286.56983	3.17214	0.1148051	0.29722521	2.2237141	20	10 7.5	21.2
327100 2004 XU_{159}	15.8	X	299.50916	26.04598	72.74343	10.62346	0.0501432	0.18035092	3.1025859	20	11 30.9	19.9
327101 2004 XS_{179}	15.6	X	261.62382	346.34932	97.81439	10.05456	0.0991312	0.17393097	3.1784699	20	9 20.9	20.2
327102 2004 XF_{186}	18.4	X	311.41013	60.08988	351.15627	4.34332	0.1199003	0.30326242	2.1941029	20	11 15.7	20.3
327103 2005 AT_{12}	15.2	X	322.98022	318.02863	112.08171	19.43973	0.1539609	0.18071751	3.0983886	20	11 30.9	19.0
327104 2005 AH_{48}	18.2	X	234.67804	2.21325	112.99202	3.54475	0.1064479	0.29769615	2.2213683	20	10 12.2	20.7
327105 2005 AT_{55}	15.4	X	3.84646	261.18751	127.55579	10.00778	0.0811908	0.17961491	3.1110557	20	12 6.1	19.6
327106 2005 AC_{68}	17.4	X	184.64199	214.89688	324.17574	5.57163	0.0736714	0.29862611	2.2167542	20	11 5.1	20.4
327107 2005 AA_{69}	15.3	X	205.87630	56.36462	107.74930	11.40323	0.0641276	0.17234669	3.1979187	20	10 27.9	20.2
327108 2005 BC_{27}	15.1	X	274.09279	10.03879	67.09757	31.27193	0.2370962	0.17265765	3.1940779	20	9 23.1	20.1
327109 2005 CP_{1}	17.2	X	339.22808	274.12363	127.85271	6.45360	0.0790734	0.30350565	2.1929035	20	12 21.6	19.4
327110 2005 CY_{13}	17.3	X	323.26710	301.16843	109.51223	4.33813	0.0940889	0.30111230	2.2045353	20	12 8.0	19.1
327111 2005 CH_{44}	18.0	X	163.53974	124.49704	1.03969	2.55723	0.1151482	0.28366857	2.2940096	20	7 29.4	21.4
327112 2005 CZ_{46}	17.4	X	219.94968	4.99004	142.48755	4.84246	0.0517609	0.29726446	2.2235184	20	11 14.9	20.1
327113 2005 CG_{65}	17.1	X	253.64759	345.79232	112.98460	4.90721	0.0490683	0.29534708	2.2331313	20	10 26.1	19.6
327114 2005 EV_{7}	16.9	X	103.71251	272.94402	6.76018	3.97296	0.1593836	0.29235819	2.2483256	20	12 18.5	20.3
327115 2005 EM_{27}	17.3	X	208.86949	319.75308	161.39760	5.31299	0.2624633	0.29110302	2.2547838	20	8 28.8	21.0
327116 2005 ES_{55}	17.8	X	51.94806	106.64320	169.70909	3.55366	0.1680662	0.28422240	2.2910286	20	10 21.9	20.6
327117 2005 EH_{63}	16.0	X	189.66878	290.16655	166.73420	1.91365	0.0314956	0.15196334	3.4778445	20	7 14.4	21.0
327118 2005 EW_{65}	18.0	X	97.84272	143.21153	167.46439	3.90634	0.1386762	0.30030461	2.2084863	20	—	—
327119 2005 EN_{80}	15.7	X	356.65414	285.71381	122.97350	11.47187	0.1150272	0.17942090	3.1132980	20	12 22.6	19.7
327120 2005 EF_{91}	17.0	X	28.59138	14.13271	321.71724	9.00923	0.1900800	0.29126899	2.2539272	20	12 15.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327121 2005 EB_{115}	17.4	X	89.47787	301.96892	4.64393	5.61638	0.1836119	0.29608788	2.2294050	20	—	—
327122 2005 EL_{137}	17.8	X	116.80374	129.91605	65.63315	1.18959	0.1477918	0.28100093	2.3085053	20	9 13.1	21.1
327123 2005 EW_{141}	18.0	X	152.20653	41.96352	180.73119	2.00222	0.0904426	0.29699824	2.2248469	20	11 26.6	21.1
327124 2005 ER_{144}	17.7	X	66.50538	151.13443	161.46953	6.14098	0.1312629	0.29337904	2.2431070	20	12 21.9	20.9
327125 2005 EQ_{145}	17.7	X	238.09965	57.34367	13.85383	6.33125	0.1695835	0.28575387	2.2828356	20	8 4.2	20.8
327126 2005 ER_{148}	17.4	X	92.05224	256.49857	31.25521	7.10704	0.1687362	0.29056277	2.2575779	20	12 17.5	20.9
327127 2005 EY_{148}	17.4	X	164.36302	135.27831	33.02344	6.72395	0.0242063	0.28566260	2.2833218	20	10 1.5	20.1
327128 2005 EM_{150}	17.4	X	151.68152	84.96207	88.08341	4.01703	0.1421258	0.28471146	2.2884043	20	9 20.4	20.8
327129 2005 EW_{150}	17.5	X	117.71766	99.77615	129.03437	3.17358	0.1136903	0.28635555	2.2796367	20	10 27.6	20.8
327130 2005 EL_{151}	17.8	X	133.77962	41.08167	149.22377	4.74862	0.0676901	0.28349384	2.2949521	20	9 21.8	20.8
327131 2005 EO_{164}	17.2	X	249.30258	64.40500	54.66821	5.60647	0.0929274	0.29748727	2.2224080	20	11 9.2	19.4
327132 2005 EJ_{181}	17.4	X	204.31416	92.11922	30.45395	6.41290	0.1178405	0.28861730	2.2677115	20	9 11.3	20.5
327133 2005 EB_{185}	18.0	X	70.83238	303.37448	303.65001	2.10926	0.1726546	0.27950526	2.3167334	20	10 2.6	21.1
327134 2005 EN_{186}	17.5	X	214.65477	37.62921	47.29101	3.46737	0.1865608	0.28612198	2.2808772	20	7 24.5	20.9
327135 2005 EA_{195}	17.7	X	222.29664	325.97872	185.15545	5.79695	0.0970873	0.29509495	2.2344031	20	11 15.1	20.4
327136 2005 EV_{195}	17.0	X	43.79833	136.32729	189.14339	7.40062	0.1617373	0.29075055	2.2566057	20	12 16.4	20.1
327137 2005 EV_{206}	18.0	X	112.03646	27.21013	201.66850	5.44811	0.1739727	0.28433127	2.2904438	20	10 23.1	21.5
327138 2005 EJ_{213}	18.1	X	98.25566	69.29198	162.05188	2.57673	0.1134035	0.28470300	2.2884496	20	10 8.7	21.1
327139 2005 ES_{213}	17.6	X	86.90234	4.11628	247.33681	0.93080	0.1416816	0.28473027	2.2883035	20	10 24.4	20.8
327140 2005 EE_{224}	19.9	X	186.92558	208.29867	19.97266	21.82163	0.3734668	0.42767734	1.7447179	20	—	—
327141 2005 EC_{249}	17.6	X	234.35529	301.61915	177.76693	5.65393	0.0395018	0.29231704	2.2485366	20	10 27.1	20.3
327142 2005 EJ_{257}	17.6	X	357.91787	158.53291	210.61788	4.02608	0.1690432	0.29235766	2.2483283	20	12 14.6	19.8
327143 2005 ET_{262}	17.7	X	187.35875	302.29423	210.59037	2.51303	0.0907171	0.28940041	2.2636188	20	10 2.3	20.7
327144 2005 EW_{264}	18.0	X	53.20786	77.53858	198.99433	5.52965	0.1891323	0.28203815	2.3028420	20	10 25.8	21.0
327145 2005 GB_{9}	17.1	X	17.81843	215.52368	98.31552	3.32872	0.1776993	0.28124927	2.3071462	20	10 27.5	19.5
327146 2005 GA_{26}	17.6	X	309.19942	341.15998	29.67266	4.08303	0.1447717	0.28061441	2.3106247	20	9 1.8	19.5
327147 2005 GM_{33}	17.2	X	71.91405	51.62816	197.04303	23.03843	0.1631647	0.28010448	2.3134281	20	10 5.6	20.4
327148 2005 GF_{45}	17.4	X	82.86540	355.76149	239.11968	4.91621	0.1976350	0.27928937	2.3179271	20	10 1.5	20.8
327149 2005 GW_{48}	17.8	X	196.40587	287.88101	186.75049	5.11489	0.1709397	0.28317109	2.2966956	20	8 13.5	21.3
327150 2005 GS_{57}	17.6	X	185.82340	299.07741	185.72799	5.67339	0.1043774	0.28165134	2.3049500	20	8 20.0	20.8
327151 2005 GX_{71}	18.2	X	231.44410	90.12302	28.12860	3.26108	0.0534608	0.29049808	2.2579130	20	10 17.4	20.9
327152 2005 GM_{84}	17.4	X	267.22384	269.30955	167.49983	2.40372	0.0261792	0.29077020	2.2565041	20	10 15.2	19.9
327153 2005 GO_{84}	16.6	X	48.45761	298.45254	17.13262	22.84578	0.2486352	0.28435261	2.2903292	20	12 13.5	20.5
327154 2005 GW_{96}	16.8	X	6.38399	146.24714	183.82863	5.81742	0.1385480	0.28180105	2.3041335	20	10 25.3	19.0
327155 2005 GJ_{100}	17.4	X	75.81849	314.92808	340.22190	4.31781	0.1974127	0.29168579	2.2517795	20	12 13.9	20.9
327156 2005 GT_{113}	17.4	X	111.65888	199.22455	36.51764	8.84586	0.1573934	0.28539343	2.2847573	20	10 30.5	20.7
327157 2005 GP_{126}	17.5	X	2.67681	288.49333	29.08348	7.19822	0.1291487	0.27722477	2.3294212	20	9 27.9	19.8
327158 2005 GK_{127}	16.5	X	66.68018	226.22842	54.89469	26.19355	0.1766988	0.28184680	2.3038842	20	11 14.7	19.8
327159 2005 GO_{163}	17.7	X	85.46788	57.26854	195.34211	1.34797	0.1192591	0.28271601	2.2991596	20	10 22.3	20.8
327160 2005 GF_{167}	17.3	X	27.45438	244.47391	47.61600	7.69081	0.1049688	0.27660894	2.3328773	20	9 29.9	19.9
327161 2005 HZ	18.4	X	104.65323	59.44680	173.99968	0.87371	0.1724886	0.28265486	2.2994912	20	10 21.6	21.8
327162 2005 HJ_{5}	17.1	X	131.86121	100.22026	81.88655	9.06257	0.1479430	0.27866994	2.3213607	20	9 14.8	20.8
327163 2005 JC_{2}	17.5	X	33.49888	111.35052	200.60776	20.21471	0.1620649	0.28439693	2.2900912	20	11 15.2	20.4
327164 2005 JX_{2}	17.7	X	16.10101	60.35891	207.69084	1.24254	0.1491236	0.27026185	2.3692609	20	8 5.1	19.8
327165 2005 JC_{16}	17.2	X	57.00984	190.36179	63.78548	6.89499	0.2329479	0.27568607	2.3380807	20	10 7.9	20.4
327166 2005 JR_{38}	17.7	X	309.29781	276.57447	41.76612	1.95009	0.1960173	0.26495160	2.4008131	20	5 27.3	20.1
327167 2005 JM_{47}	18.4	X	25.25456	128.58685	168.39171	2.02083	0.2066578	0.27544820	2.3394266	20	10 17.6	20.9
327168 2005 JG_{59}	17.4	X	69.55672	198.79564	87.72740	3.44677	0.1929040	0.28236100	2.3010863	20	11 25.8	20.8
327169 2005 JE_{81}	16.6	X	18.33481	316.70755	353.55427	24.24653	0.2217359	0.27854800	2.3220382	20	10 16.0	19.4
327170 2005 JM_{84}	17.9	X	41.41256	67.30951	214.14825	6.10664	0.1169023	0.28001901	2.3138989	20	10 3.5	20.6
327171 2005 JN_{85}	18.0	X	11.86653	96.00853	205.71357	3.09289	0.1677433	0.27370856	2.3493288	20	9 22.6	20.1
327172 2005 JC_{89}	17.8	X	67.13040	208.68988	63.04779	5.82400	0.3095952	0.27858907	2.3218099	20	11 15.3	21.6
327173 2005 JQ_{105}	17.7	X	341.15726	251.83736	72.92801	6.30429	0.2313665	0.27092004	2.3654220	20	8 29.9	19.2
327174 2005 JJ_{120}	17.4	X	126.23976	22.78894	114.28259	4.60081	0.1760185	0.27046469	2.3680762	20	7 7.2	21.0
327175 2005 JJ_{121}	17.5	X	31.47737	222.19048	83.26459	7.74962	0.2653860	0.27582341	2.3373045	20	11 17.7	20.4
327176 2005 JP_{127}	17.7	X	63.27361	116.40790	146.06587	2.79748	0.2031011	0.27692936	2.3310775	20	10 20.3	20.8
327177 2005 JJ_{185}	18.0	X	31.35977	171.04291	127.94141	2.99989	0.2114182	0.27565024	2.3382833	20	10 31.2	20.6
327178 2005 KD_{8}	17.1	X	108.28585	51.89546	159.69300	2.56413	0.1243430	0.27739124	2.3284892	20	9 23.1	20.4
327179 2005 KF_{13}	17.1	X	311.05506	190.50619	136.41319	3.93645	0.1902980	0.25788121	2.4444974	20	6 14.6	19.5
327180 2005 LH_{5}	17.2	X	349.41921	177.88817	132.96270	7.19441	0.1269965	0.27099080	2.3650102	20	8 18.2	19.3
327181 2005 LH_{23}	16.8	X	353.18276	220.25387	94.83620	5.81800	0.2693826	0.26604289	2.3942433	20	9 20.7	18.3
327182 2005 LN_{26}	17.5	X	38.10534	149.36091	153.52133	6.69492	0.1344267	0.27775606	2.3264498	20	11 4.2	20.4
327183 2005 LF_{32}	17.3	X	44.92735	154.14116	100.13970	8.30145	0.1749493	0.27223862	2.3577779	20	9 13.8	20.2
327184 2005 LF_{40}	18.4	X	42.44894	146.61159	119.01543	3.28495	0.2059874	0.26817189	2.3815546	20	9 28.3	21.2
327185 2005 LZ_{41}	18.0	X	61.88360	201.38807	85.53146	3.64460	0.2036266	0.27818051	2.3240827	20	11 19.1	21.2
327186 2005 LC_{42}	17.0	X	358.64064	202.83344	110.02808	3.04650	0.2184952	0.26706544	2.3881280	20	9 21.5	18.7
327187 2005 LF_{53}	17.4	X	339.99189	178.92565	124.30509	3.15010	0.2016353	0.26059463	2.4274991	20	7 10.9	18.9
327188 2005 MQ_{5}	17.1	X	334.37579	240.88884	77.38521	4.94254	0.1630973	0.26777224	2.3839237	20	7 27.6	19.0
327189 2005 MA_{7}	17.1	X	345.63942	246.57815	85.72947	7.69470	0.1327196	0.27228830	2.3574911	20	9 19.3	19.4
327190 2005 MY_{7}	17.1	X	351.11633	38.72026	239.98047	6.63939	0.1944004	0.25992861	2.4316440	20	6 26.9	18.9
327191 2005 MD_{12}	17.7	X	31.60395	178.59899	96.35562	2.57173	0.1661234	0.26749342	2.3855800	20	9 17.9	20.3
327192 2005 MH_{22}	16.9	X	201.41507	298.53548	125.17666	6.16826	0.0391797	0.25673454	2.4517707	20	6 19.6	20.3
327193 2005 MQ_{28}	17.0	X	275.09754	73.76129	248.71457	6.76486	0.1287698	0.25239836	2.4797717	20	4 22.1	20.3
327194 2005 MG_{30}	17.3	X	282.66866	207.68376	154.90234	7.27095	0.1238978	0.25890680	2.4380377	20	6 30.7	20.2
327195 2005 MU_{30}	17.4	X	352.08620	4.22683	280.25661	2.78056	0.1748127	0.26008019	2.4306991	20	7 10.2	19.0
327196 2005 MR_{33}	17.4	X	346.50893	127.19266	164.28759	2.36479	0.1481442	0.26162405	2.4211272	20	7 8.7	19.5
327197 2005 MC_{39}	17.2	X	212.05564	56.10678	299.48255	4.06871	0.0666120	0.24531977	2.5272470	20	3 28.9	20.9
327198 2005 MA_{54}	16.7	X	287.37628	274.72658	77.16479	8.73368	0.2114402	0.25637152	2.4540846	20	6 7.5	19.7
327199 2005 NQ	17.8	X	0.66991	350.32213	287.49171	1.73255	0.1927438	0.26192485	2.4192732	20	7 21.5	19.3
327200 2005 NV_{7}	17.3	X	346.32331	46.83508	263.89323	4.39411	0.2487915	0.26310254	2.4120484	20	8 10.9	18.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327201 2005 NW_{15}	17.2	X	269.05963	251.49275	96.80589	3.81419	0.1897166	0.25466796	2.4650165	20	5 13.6	20.5
327202 2005 NN_{40}	17.3	X	324.12401	147.38510	157.98024	1.14519	0.1853658	0.25953567	2.4340977	20	6 7.7	19.5
327203 2005 NX_{40}	17.6	X	10.34777	131.13576	142.75427	1.75408	0.1658789	0.26399510	2.4066087	20	8 4.3	19.6
327204 2005 NB_{46}	17.8	X	17.03184	101.05855	158.28555	1.46054	0.1550855	0.26150532	2.4218600	20	7 23.9	19.9
327205 2005 NU_{48}	16.7	X	332.14457	358.63314	303.19018	11.37925	0.2482441	0.25946513	2.4345389	20	6 11.3	18.6
327206 2005 NQ_{66}	17.8	X	344.35224	290.08339	33.34793	1.65124	0.1777709	0.26515527	2.3995835	20	8 29.1	19.4
327207 2005 NF_{70}	17.8	X	24.26971	174.17460	110.09874	2.60926	0.1750248	0.26658360	2.3910047	20	9 20.8	20.1
327208 2005 NB_{82}	17.4	X	8.41493	140.19720	113.07588	10.84072	0.1919817	0.25923553	2.4359762	20	6 28.4	19.3
327209 2005 NA_{91}	17.1	X	7.29937	166.36100	127.54581	7.37952	0.1071737	0.26571930	2.3961867	20	8 24.9	19.5
327210 2005 NH_{101}	17.6	X	45.07466	331.24485	282.10113	0.76291	0.1410924	0.26545236	2.3977928	20	9 1.1	20.2
327211 2005 NQ_{124}	18.2	X	34.37386	239.92552	48.60252	2.72414	0.2356602	0.26928197	2.3750050	20	10 22.6	20.9
327212 2005 NY_{124}	16.7	X	285.87842	91.37921	261.42578	6.21822	0.1892937	0.25891408	2.4379920	20	6 10.4	19.3
327213 2005 NT_{125}	16.7	X	1.96811	251.65851	45.39893	7.54909	0.1192162	0.26430813	2.4047081	20	8 23.9	19.2
327214 2005 ON_{2}	17.1	X	339.89665	256.25367	55.04431	7.19372	0.2146874	0.26202613	2.4186497	20	7 27.9	18.8
327215 2005 OC_{17}	17.1	X	37.97953	68.09639	166.28828	14.56311	0.0566650	0.25812591	2.4429523	20	7 8.7	20.3
327216 2005 OX_{17}	17.5	X	310.48707	141.93748	179.57035	6.55491	0.1323988	0.25615691	2.4554551	20	6 14.8	20.2
327217 2005 OD_{25}	17.0	X	186.16481	58.10796	301.57031	7.26212	0.1574575	0.23905062	2.5712411	20	3 7.1	21.2
327218 2005 OM_{28}	17.1	X	282.09312	224.81129	70.71290	2.28837	0.1185380	0.24567009	2.5248439	20	3 30.6	20.5
327219 2005 PN_{23}	16.7	X	40.65259	94.78770	163.00991	4.66963	0.1696726	0.26409986	2.4059722	20	9 5.8	19.4
327220 2005 QO	17.0	X	342.38031	172.67699	164.99944	14.51644	0.2878042	0.26507764	2.4000520	20	9 28.9	18.1
327221 2005 QS_{26}	17.0	X	80.59435	4.76497	83.21068	3.53617	0.0923829	0.23031373	2.6358630	20	2 27.4	20.3
327222 2005 QC_{28}	17.1	X	17.40330	263.81043	11.07490	2.43517	0.1943167	0.26208663	2.4182775	20	8 26.1	19.2
327223 2005 QW_{61}	16.9	X	15.17485	346.79835	273.97197	4.75563	0.1854008	0.25892373	2.4379314	20	7 25.4	19.0
327224 2005 QN_{90}	17.0	X	146.82366	32.56647	296.58930	2.20703	0.1046858	0.22571886	2.6715141	20	—	—
327225 2005 QD_{100}	17.0	X	305.31832	96.12657	171.73599	15.05041	0.0809644	0.24497376	2.5296261	20	3 31.2	20.2
327226 2005 QQ_{100}	17.3	X	283.00779	125.86856	204.49491	3.39540	0.2269996	0.25196486	2.4826151	20	4 30.4	20.7
327227 2005 QH_{108}	17.1	X	6.27262	94.18205	193.20077	3.96807	0.1894096	0.26066638	2.4270536	20	8 18.6	19.2
327228 2005 QO_{112}	17.1	X	320.17570	97.85474	176.45718	10.28224	0.0304885	0.24643452	2.5196198	20	5 8.7	20.4
327229 2005 QO_{120}	17.6	X	325.95842	291.54598	6.82681	1.19328	0.1766530	0.25582724	2.4575641	20	6 1.2	19.7
327230 2005 QD_{160}	16.3	X	321.95344	314.72212	21.12211	8.87866	0.3144171	0.25979146	2.4324997	20	7 2.9	18.0
327231 2005 QO_{167}	16.8	X	280.69933	53.97369	224.40851	7.42397	0.1529199	0.24473831	2.5312483	20	2 26.7	20.6
327232 2005 QH_{182}	16.4	X	21.25470	108.73169	347.97770	8.70453	0.1476349	0.21922701	2.7239973	20	—	—
327233 2005 QT_{187}	17.8	X	330.03712	356.92819	298.45516	1.68121	0.1948120	0.25512874	2.4620477	20	6 2.6	19.8
327234 2005 RL_{12}	16.5	X	76.98031	350.45474	163.38497	3.98987	0.0805765	0.24666028	2.5180822	20	5 18.4	19.7
327235 2005 RN_{21}	16.8	X	50.13634	51.16861	213.98529	6.99731	0.2356032	0.26683169	2.3895224	20	10 9.3	19.8
327236 2005 RG_{46}	17.2	X	272.21659	226.45990	75.45748	8.85903	0.1920931	0.24209143	2.5496649	20	3 21.9	21.1
327237 2005 RK_{46}	16.8	X	299.26794	48.53253	149.56779	11.85043	0.0275636	0.22311879	2.6922287	20	1 1.9	20.7
327238 2005 RG_{47}	16.0	X	5.74375	339.75992	140.95035	15.06474	0.0454983	0.21731587	2.7399444	20	—	—
327239 2005 SN_{18}	16.5	X	75.69746	50.55288	3.79016	6.16375	0.1194052	0.22245854	2.6975531	20	1 11.5	19.8
327240 2005 SO_{20}	16.5	X	134.74140	319.71398	44.90773	5.26323	0.2318907	0.22461646	2.6802481	20	2 7.5	20.7
327241 2005 SQ_{21}	16.4	X	286.07898	112.18749	236.12349	6.87425	0.2478952	0.25608708	2.4559014	20	5 25.6	19.4
327242 2005 SY_{28}	16.3	X	13.30050	104.40673	2.76206	14.12879	0.1614500	0.21792806	2.7348108	20	—	—
327243 2005 SQ_{32}	17.1	X	231.13074	155.20974	181.90780	9.59961	0.1332877	0.23876444	2.5732952	20	3 25.2	20.9
327244 2005 SN_{43}	17.5	X	264.43943	358.08795	308.39669	2.53973	0.1838837	0.24131199	2.5551522	20	3 14.5	21.3
327245 2005 SC_{45}	17.3	X	285.54549	78.93542	207.79969	13.63125	0.0995592	0.23972149	2.5664417	20	3 23.2	20.8
327246 2005 SQ_{45}	17.0	X	72.03798	62.31535	347.78408	2.64178	0.0694681	0.22028898	2.7152357	20	—	—
327247 2005 SZ_{46}	17.2	X	73.12898	73.75503	341.99166	2.15718	0.0748030	0.22146703	2.7055984	20	1 3.3	20.4
327248 2005 SS_{53}	16.5	X	128.04253	345.03879	20.45018	13.36510	0.1897756	0.22314340	2.6920308	20	1 31.4	20.7
327249 2005 SO_{72}	16.4	X	112.37591	42.50537	19.91989	14.00832	0.0982446	0.23081461	2.6320483	20	3 11.8	20.1
327250 2005 SG_{94}	16.7	X	101.04863	235.36782	169.94719	14.47829	0.1589727	0.22884859	2.6471012	20	2 6.4	20.3
327251 2005 SG_{97}	16.2	X	148.72626	92.69015	266.34525	9.82194	0.1287880	0.22797781	2.6538375	20	1 29.9	20.3
327252 2005 SP_{98}	16.3	X	244.86899	194.30067	340.90608	8.94851	0.0502430	0.20882290	2.8137400	20	12 31.8	20.2
327253 2005 SD_{102}	16.9	X	132.53489	44.54286	325.96667	4.62091	0.0888382	0.22513360	2.6761421	20	1 25.4	20.5
327254 2005 SB_{106}	15.9	X	191.90107	114.70077	196.09170	11.92013	0.2114908	0.22785875	2.6547619	20	1 17.2	20.6
327255 2005 SF_{108}	17.1	X	228.22177	305.44472	5.68885	3.35299	0.0894176	0.23384842	2.6092344	20	2 22.6	20.8
327256 2005 SM_{116}	18.1	X	187.45742	216.50285	205.18228	20.12242	0.0881526	0.37921836	1.8903540	20	5 28.9	20.6
327257 2005 SV_{118}	16.9	X	213.13265	192.37319	154.88693	9.45314	0.1767796	0.23870730	2.5737059	20	3 20.5	21.2
327258 2005 SA_{119}	17.4	X	352.02481	265.30202	49.14944	12.00262	0.3091752	0.26180900	2.4199868	20	9 25.4	18.9
327259 2005 SJ_{120}	16.3	X	357.08023	197.26235	5.44640	9.13955	0.1260357	0.23824311	2.5770478	20	3 17.2	18.9
327260 2005 SD_{122}	17.2	X	350.01168	300.59748	209.95033	14.05413	0.0563139	0.22474534	2.6792234	20	1 1.8	21.0
327261 2005 SA_{126}	17.7	X	212.82922	25.39923	17.24124	21.01471	0.1237523	0.38025585	1.8869140	20	5 21.1	20.4
327262 2005 SJ_{133}	16.7	X	44.16549	63.02898	20.82505	5.03373	0.0891273	0.21908804	2.7251491	20	—	—
327263 2005 SM_{138}	17.3	X	273.88789	125.69889	148.11457	2.49472	0.0668520	0.23618834	2.5919727	20	2 28.3	20.9
327264 2005 ST_{166}	16.1	X	141.82437	163.34766	139.92335	12.40635	0.2330265	0.21893055	2.7264559	20	—	—
327265 2005 SG_{168}	17.5	X	294.82506	96.65455	200.78569	2.42011	0.1301779	0.24622873	2.5210236	20	4 16.2	20.6
327266 2005 SS_{171}	17.2	X	220.07766	29.37460	301.64569	2.68690	0.1387120	0.23733265	2.5836344	20	3 5.6	21.2
327267 2005 SR_{179}	16.5	X	108.07110	220.86457	184.78748	12.45857	0.1432306	0.22731559	2.6589892	20	2 13.1	20.2
327268 2005 SD_{187}	17.1	X	58.25255	124.28502	316.34371	4.99554	0.0676271	0.22391883	2.6858122	20	1 13.0	20.2
327269 2005 SV_{192}	16.5	X	127.69553	207.63862	211.71124	14.26524	0.0757851	0.23117875	2.6292836	20	3 14.8	20.3
327270 2005 SV_{202}	17.5	X	177.48179	213.49523	171.04834	1.36442	0.0206695	0.23831656	2.5765183	20	3 28.2	21.0
327271 2005 SJ_{211}	16.7	X	236.22082	321.91782	1.21562	9.24085	0.1364003	0.23828311	2.5767595	20	3 13.4	20.5
327272 2005 SY_{211}	17.1	X	229.89182	80.55079	212.91183	2.32968	0.0498720	0.22876451	2.6477499	20	2 3.3	20.8
327273 2005 SP_{216}	17.1	X	125.80094	159.30088	213.03678	3.90561	0.1283582	0.22359944	2.6883692	20	1 23.5	20.8
327274 2005 SS_{225}	16.9	X	86.02842	193.53369	212.19887	8.62004	0.0851872	0.22035315	2.7147085	20	1 8.4	20.5
327275 2005 SS_{233}	16.9	X	242.32027	95.22641	211.41269	7.06438	0.1232209	0.23342862	2.6123617	20	2 26.1	21.0
327276 2005 SM_{237}	16.7	X	225.44304	299.75026	359.00158	3.77104	0.0657273	0.22852743	2.6495807	20	2 6.2	20.5
327277 2005 SJ_{247}	16.8	X	191.05858	149.51794	203.16956	7.12785	0.0801746	0.23284029	2.6167604	20	3 3.2	20.7
327278 2005 ST_{255}	16.9	X	40.62797	80.15393	337.61467	0.90520	0.2226909	0.21652255	2.7466330	20	—	—
327279 2005 SD_{265}	17.5	X	241.36357	147.28413	192.79631	14.03899	0.1699180	0.24184090	2.5514254	20	4 5.2	21.4
327280 2005 SC_{280}	16.6	X	194.44381	304.88287	45.77434	15.12647	0.1564760	0.23443345	2.6048916	20	3 14.9	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327281 2005 ST_{291}	16.7	X	284.70316	248.34200	4.11739	14.62763	0.0735370	0.23196948	2.6233052	20	2 19.2	20.5
327282 2005 TR_{9}	16.5	X	173.28147	168.61418	194.66807	14.88927	0.2649277	0.23100675	2.6305886	20	3 5.3	21.2
327283 2005 TL_{15}	18.4	X	16.06330	128.36156	199.13986	20.25491	0.1327234	0.39999685	1.8243087	20	12 6.5	20.5
327284 2005 TC_{33}	16.9	X	44.28056	324.31422	119.14208	2.89555	0.0778371	0.22178157	2.7030397	20	—	—
327285 2005 TT_{42}	16.7	X	101.60705	3.16795	30.75977	3.88899	0.1178698	0.22487406	2.6782008	20	1 21.2	20.2
327286 2005 TQ_{46}	17.7	X	72.73013	324.27555	213.53111	21.95241	0.0293021	0.37765852	1.8955556	20	6 6.1	19.8
327287 2005 TE_{55}	16.8	X	95.79218	55.18860	354.59313	2.55944	0.0289832	0.22629992	2.6669392	20	1 20.2	20.4
327288 2005 TE_{64}	16.3	X	78.63895	216.38781	202.06957	9.42479	0.1087027	0.22129286	2.7070178	20	1 16.6	19.8
327289 2005 TO_{77}	15.9	X	7.94748	68.55430	38.51813	15.03328	0.0408832	0.21851587	2.7299041	20	—	—
327290 2005 TN_{97}	16.5	X	17.34885	229.70389	231.96369	3.72832	0.0649990	0.21732930	2.7398315	20	—	—
327291 2005 TV_{101}	16.2	X	114.92223	184.16163	174.94325	14.24630	0.2100294	0.21952822	2.7215051	20	1 6.2	20.3
327292 2005 TJ_{104}	16.5	X	144.09312	146.38261	225.53812	10.80775	0.1225234	0.22743940	2.6580241	20	2 7.9	20.7
327293 2005 TG_{116}	16.9	X	297.75405	1.94006	246.67167	2.85444	0.0600551	0.23538844	2.5978414	20	2 25.2	20.3
327294 2005 TJ_{116}	17.0	X	33.85106	195.06585	321.62696	2.70601	0.0310866	0.23469884	2.6029276	20	3 12.7	20.1
327295 2005 TS_{120}	17.2	X	237.61442	87.26971	202.15146	14.95382	0.0675005	0.23072206	2.6327521	20	2 2.4	21.3
327296 2005 TX_{120}	17.3	X	356.15276	44.64430	155.86514	1.42514	0.0589976	0.23491941	2.6012980	20	3 17.0	20.4
327297 2005 TF_{121}	17.2	X	46.91349	300.16104	167.89733	2.75378	0.0558359	0.22585301	2.6704562	20	1 29.9	20.6
327298 2005 TX_{138}	17.4	X	44.02595	344.42538	75.59645	2.62405	0.0942765	0.21631975	2.7483493	20	—	—
327299 2005 TB_{141}	16.5	X	351.17295	152.50061	76.16433	4.27114	0.2108826	0.24119012	2.5560129	20	4 5.9	18.6
327300 2005 TK_{141}	17.0	X	6.00399	345.61896	135.43157	3.18394	0.0423922	0.22061059	2.7125962	20	—	—
327301 2005 TP_{144}	16.9	X	345.36260	355.20204	155.17344	5.84951	0.1768768	0.21985238	2.7188293	20	—	—
327302 2005 TJ_{146}	16.9	X	349.41481	346.38803	144.70032	4.51075	0.0626324	0.21911382	2.7249354	20	—	—
327303 2005 TW_{154}	16.9	X	300.81851	308.49418	294.46029	4.00831	0.0954876	0.23487578	2.6016202	20	2 17.0	20.4
327304 2005 TV_{166}	17.3	X	221.80393	278.33640	339.16273	1.20158	0.0247541	0.21860242	2.7291835	20	—	—
327305 2005 TK_{178}	16.4	X	260.13475	157.45023	185.68961	14.96876	0.0355724	0.24269039	2.5454681	20	5 18.9	20.0
327306 2005 TD_{193}	16.7	X	82.80714	290.56061	118.35059	4.55848	0.0898837	0.22217585	2.6998407	20	1 9.7	20.1
327307 2005 UK_{7}	17.5	X	210.20821	175.24108	213.78859	20.59337	0.0766010	0.37603220	1.9010171	20	5 8.9	19.6
327308 2005 UL_{10}	16.6	X	161.05899	314.77509	52.57800	14.18240	0.1782710	0.22966966	2.6407886	20	3 6.2	21.1
327309 2005 UV_{13}	17.2	X	211.23066	93.40000	209.44470	3.78037	0.0374403	0.22691070	2.6621513	20	1 24.9	21.0
327310 2005 UR_{14}	16.9	X	250.32837	210.57107	55.38657	3.70927	0.0348617	0.22551613	2.6731150	20	1 27.2	20.6
327311 2005 UZ_{14}	17.8	X	208.99092	277.58946	46.31273	5.09320	0.1605475	0.23122183	2.6289571	20	2 19.3	22.1
327312 2005 UB_{18}	16.9	X	112.05956	14.78934	21.68229	5.18837	0.1165621	0.22481122	2.6786999	20	2 7.6	20.5
327313 2005 UL_{21}	16.9	X	114.52938	123.51098	268.91978	2.54679	0.0911361	0.22361963	2.6882074	20	1 30.4	20.6
327314 2005 UE_{27}	16.7	X	218.30087	286.99129	53.27637	5.49185	0.0592423	0.23388250	2.6089809	20	3 22.4	20.4
327315 2005 UA_{28}	17.3	X	53.83034	56.14044	36.71389	5.72666	0.0833326	0.22139305	2.7062011	20	1 25.5	20.6
327316 2005 UK_{31}	17.9	X	289.02669	178.65714	130.93580	0.59483	0.2106445	0.24454243	2.5325998	20	4 12.7	21.1
327317 2005 UA_{35}	16.8	X	333.56008	120.68896	49.09490	12.10924	0.0372378	0.21978175	2.7194117	20	1 10.6	20.6
327318 2005 UF_{40}	16.9	X	74.80370	351.70310	66.84165	2.57440	0.0746655	0.21749567	2.7384342	20	1 10.1	20.4
327319 2005 UW_{42}	16.7	X	97.19350	197.04908	205.07171	11.88822	0.1449529	0.22170200	2.7036864	20	1 25.9	20.4
327320 2005 UU_{43}	16.0	X	183.57721	101.54630	235.80442	12.04746	0.0366083	0.22583275	2.6706160	20	2 1.5	20.0
327321 2005 UG_{44}	16.0	X	91.80580	330.58935	48.73645	13.23552	0.1556065	0.21684176	2.7439368	20	—	—
327322 2005 UO_{53}	16.9	X	168.96029	163.07637	206.78943	15.66443	0.1458482	0.23080907	2.6320904	20	3 3.0	21.2
327323 2005 UM_{78}	17.5	X	274.29913	228.26314	32.48533	2.94620	0.1209251	0.23114504	2.6295393	20	2 7.2	21.3
327324 2005 UL_{81}	16.7	X	97.67512	327.31001	74.23992	7.50655	0.1809846	0.22004989	2.7172021	20	2 6.2	20.3
327325 2005 UO_{84}	16.9	X	279.91137	63.58737	204.17992	2.72547	0.1454356	0.23343712	2.6122983	20	2 16.8	20.7
327326 2005 UJ_{90}	17.0	X	50.08979	50.05336	357.47076	6.11912	0.0742653	0.21301855	2.7766710	20	—	—
327327 2005 UP_{94}	17.1	X	133.65405	13.63904	13.00353	5.60325	0.0489692	0.22504797	2.6768209	20	2 12.2	20.8
327328 2005 UH_{100}	16.5	X	294.04342	82.53153	194.95826	8.07122	0.1285933	0.23602249	2.5931867	20	3 19.3	20.0
327329 2005 UY_{101}	16.1	X	322.45559	85.47240	72.44069	7.58376	0.0155425	0.21688180	2.7435990	20	—	—
327330 2005 UU_{110}	16.3	X	223.67260	270.05047	50.12932	16.58869	0.2207323	0.23144072	2.6272992	20	3 3.3	21.1
327331 2005 UN_{120}	16.6	X	319.12695	120.28819	27.35382	5.30968	0.1102497	0.21362022	2.7714549	20	—	—
327332 2005 UX_{126}	16.9	X	179.53106	306.79134	44.14086	6.46933	0.1472355	0.22856143	2.6493180	20	2 26.2	21.2
327333 2005 UB_{128}	17.1	X	225.08451	307.91060	36.75038	3.77342	0.1291489	0.23602689	2.5931545	20	3 29.9	21.1
327334 2005 UV_{133}	16.6	X	310.37543	253.73190	7.27433	8.08558	0.1973390	0.23848398	2.5753124	20	3 11.2	19.9
327335 2005 UW_{141}	16.2	X	88.24833	333.40754	67.62259	18.00257	0.1697213	0.21900233	2.7258601	20	1 21.9	19.8
327336 2005 UJ_{142}	16.8	X	227.43960	228.97342	110.08594	8.90943	0.2467215	0.23799348	2.5788496	20	3 22.4	21.4
327337 2005 UN_{154}	16.5	X	298.17806	50.58871	239.34829	2.93809	0.1770987	0.23913410	2.5706427	20	4 2.5	19.7
327338 2005 UY_{160}	15.8	X	63.32835	341.65060	57.14500	12.80372	0.1470585	0.21442833	2.7644874	20	—	—
327339 2005 UP_{165}	17.2	X	189.54912	291.71449	32.56167	6.05971	0.0304692	0.22493435	2.6777223	20	1 29.8	21.0
327340 2005 UP_{169}	17.3	X	256.10117	300.94564	34.25496	6.68397	0.2378988	0.24246493	2.5470459	20	4 8.0	21.4
327341 2005 UR_{173}	17.0	X	175.41545	95.24340	240.07821	1.08030	0.0807225	0.22423630	2.6832766	20	1 27.9	21.0
327342 2005 US_{177}	16.3	X	261.08648	153.22596	44.94887	15.38862	0.0671571	0.21081585	2.7959788	20	—	—
327343 2005 UZ_{185}	17.2	X	217.11133	249.25954	62.55562	4.48284	0.0861702	0.22586554	2.6703574	20	2 13.8	21.2
327344 2005 UE_{186}	17.1	X	196.99685	269.44502	65.18725	3.47957	0.0989109	0.22712162	2.6605029	20	2 20.6	21.2
327345 2005 UB_{189}	16.9	X	3.61175	101.08970	26.28057	4.96668	0.0601061	0.21917821	2.7244016	20	—	—
327346 2005 UZ_{190}	17.0	X	203.66908	261.26598	39.62563	6.69747	0.0360331	0.22184296	2.7025409	20	1 17.2	20.9
327347 2005 UG_{195}	16.7	X	47.79090	225.66957	200.63509	3.47376	0.0535774	0.21439457	2.7647775	20	—	—
327348 2005 UA_{199}	17.0	X	281.98890	67.44009	211.27732	7.98964	0.0823703	0.23426532	2.6061378	20	3 11.1	20.7
327349 2005 UT_{203}	16.9	X	18.25183	48.45329	53.12793	3.30372	0.0492058	0.21583630	2.7524518	20	—	—
327350 2005 UD_{205}	16.0	X	128.72557	323.01747	56.85653	13.77576	0.1657491	0.22295476	2.6935490	20	2 16.9	20.2
327351 2005 UH_{227}	17.6	X	277.36750	112.97048	205.40178	2.65263	0.2750125	0.24446067	2.5331644	20	4 1.8	21.2
327352 2005 UQ_{227}	16.9	X	128.63138	314.46490	59.61235	2.65605	0.0985573	0.22189834	2.7020913	20	1 27.2	20.6
327353 2005 UR_{228}	17.1	X	184.02448	281.44111	67.72539	4.26927	0.1572311	0.22937315	2.6430639	20	2 27.4	21.4
327354 2005 US_{231}	16.7	X	299.67200	335.42626	221.63337	6.73169	0.0906837	0.21877594	2.7277402	20	—	—
327355 2005 UH_{235}	16.8	X	9.56758	266.41082	176.92913	4.40133	0.0424999	0.21052717	2.7985341	20	—	—
327356 2005 UG_{236}	16.8	X	46.36552	268.13842	141.61967	3.89094	0.0590159	0.21152673	2.7897110	20	—	—
327357 2005 UR_{236}	16.3	X	185.37794	149.37608	212.96057	15.09256	0.1924271	0.23168244	2.6254715	20	3 10.2	21.0
327358 2005 US_{241}	16.1	X	57.97741	144.11828	247.23763	13.89908	0.1011972	0.20987101	2.8043642	20	—	—
327359 2005 UL_{243}	16.7	X	85.08827	24.70832	20.80206	6.29963	0.0401808	0.21653181	2.7465547	20	1 4.1	20.4
327360 2005 UV_{244}	15.4	X	224.11630	19.04090	261.45189	14.44754	0.1367979	0.22034528	2.7147732	20	1 9.6	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327361 2005 UW$_{254}$	16.2	X	62.19629	327.02303	69.86859	10.32843	0.1644565	0.21491177	2.7603401	20	—	—
327362 2005 UM$_{256}$	17.0	X	34.54266	34.49310	53.38534	2.49949	0.0469901	0.21966941	2.7203388	20	—	—
327363 2005 UL$_{260}$	17.6	X	245.12068	113.05378	199.22779	3.87719	0.1442370	0.23422736	2.6064194	20	3 6.7	21.6
327364 2005 UG$_{266}$	16.4	X	1.06308	218.19762	129.49070	2.71846	0.0608101	0.19217048	2.9740271	20	10 12.1	20.2
327365 2005 UB$_{269}$	16.7	X	28.61359	57.29291	42.09275	5.35359	0.0756118	0.21964306	2.7205563	20	—	—
327366 2005 UJ$_{276}$	17.0	X	315.90252	7.13742	241.91944	3.38014	0.1497930	0.23529144	2.5985553	20	3 7.6	20.2
327367 2005 UF$_{282}$	16.4	X	305.82454	214.07171	46.22740	13.51640	0.1524855	0.23735431	2.5834772	20	3 16.9	19.9
327368 2005 UN$_{283}$	16.9	X	85.96282	259.70870	144.46957	2.99404	0.1049756	0.21998837	2.7177087	20	1 10.4	20.3
327369 2005 UX$_{291}$	16.9	X	153.10024	339.03218	9.76589	5.29651	0.0773363	0.22212958	2.7002157	20	1 22.0	20.8
327370 2005 UW$_{293}$	16.6	X	145.59261	354.81986	36.99801	12.90715	0.1636857	0.22831000	2.6512627	20	3 18.5	20.8
327371 2005 UF$_{309}$	17.1	X	354.49697	270.03345	197.00320	4.95161	0.0957426	0.21429535	2.7656309	20	—	—
327372 2005 UT$_{310}$	16.7	X	350.89025	104.39083	58.47271	4.30425	0.0366303	0.22568026	2.6718188	20	1 23.8	20.1
327373 2005 UP$_{321}$	16.2	X	232.43193	299.75340	49.49583	15.46684	0.1371001	0.23670341	2.5882112	20	4 15.1	20.2
327374 2005 UX$_{322}$	17.1	X	146.49278	132.74877	234.69181	5.24853	0.1335915	0.22499151	2.6772687	20	2 8.4	21.2
327375 2005 UU$_{324}$	17.3	X	60.83500	289.75097	155.77513	3.02320	0.0883950	0.22447057	2.6814093	20	1 24.1	20.4
327376 2005 UM$_{328}$	16.4	X	62.53961	210.85344	196.92888	11.56299	0.0930401	0.21853432	2.7297504	20	—	—
327377 2005 UO$_{332}$	16.7	X	12.01555	351.01609	112.90334	4.83114	0.0568599	0.21439983	2.7647324	20	—	—
327378 2005 UF$_{333}$	16.7	X	280.72001	163.82766	67.37411	7.85799	0.2004077	0.22134673	2.7065786	20	—	—
327379 2005 UP$_{343}$	16.2	X	130.31817	313.17305	94.92460	14.56104	0.1730338	0.22655503	2.6649368	20	3 26.4	20.5
327380 2005 UG$_{349}$	17.7	X	214.04413	357.89371	11.07088	20.50560	0.0799921	0.37283197	1.9118799	20	4 9.1	20.0
327381 2005 UW$_{371}$	16.8	X	269.91569	262.58473	49.28357	9.31123	0.1718630	0.23757495	2.5818774	20	4 2.4	20.6
327382 2005 UK$_{375}$	16.3	X	65.91166	29.82054	352.18153	5.76432	0.0764196	0.21176126	2.7876508	20	—	—
327383 2005 UL$_{378}$	17.5	X	241.62045	245.63578	63.13398	4.92035	0.0971203	0.23148578	2.6269583	20	3 6.2	21.4
327384 2005 UG$_{381}$	17.4	X	29.75110	339.31267	108.78875	1.46586	0.0387377	0.21524885	2.7574575	20	—	—
327385 2005 UH$_{387}$	17.0	X	145.01335	113.56959	257.36999	4.99708	0.0408938	0.22226287	2.6991360	20	2 1.9	20.7
327386 2005 UN$_{390}$	16.2	X	346.93071	304.76472	203.58290	11.53112	0.0889937	0.21979090	2.7193362	20	—	—
327387 2005 UG$_{412}$	15.8	X	193.11722	146.06462	226.36209	14.47272	0.1296184	0.23265042	2.6181840	20	3 29.0	20.1
327388 2005 UX$_{414}$	16.8	X	159.47124	302.89050	77.20723	3.96313	0.0781587	0.22924399	2.6440566	20	3 7.6	20.6
327389 2005 UL$_{430}$	16.7	X	34.68112	168.37974	309.97873	1.72960	0.0203936	0.22163827	2.7042046	20	1 26.3	20.2
327390 2005 UU$_{438}$	16.5	X	244.27955	296.42608	27.09429	9.33266	0.1759223	0.23866656	2.5739988	20	3 20.7	20.6
327391 2005 UV$_{439}$	15.8	X	246.00391	37.49413	264.39386	14.73796	0.1502366	0.23617098	2.5920997	20	2 17.1	20.2
327392 2005 UQ$_{460}$	16.0	X	30.29688	56.36732	49.83834	9.98392	0.0671594	0.21629953	2.7485206	20	1 6.6	19.5
327393 2005 UU$_{463}$	16.8	X	120.11592	302.20514	67.74481	6.14159	0.0833053	0.22076579	2.7113247	20	1 9.6	20.5
327394 2005 UE$_{467}$	16.4	X	29.89129	74.32652	32.36596	14.72410	0.0819684	0.21782187	2.7356995	20	1 6.9	20.0
327395 2005 UH$_{478}$	16.2	X	21.57290	41.59713	62.24449	13.94155	0.0711086	0.21676268	2.7446041	20	—	—
327396 2005 UL$_{489}$	16.2	X	33.70637	138.14226	302.59027	7.76124	0.0274524	0.21759637	2.7375892	20	—	—
327397 2005 UH$_{493}$	16.6	X	30.12276	125.98847	289.56572	12.26996	0.1936825	0.21035351	2.8000742	20	—	—
327398 2005 UL$_{505}$	15.7	X	65.01688	163.90284	137.68117	11.39357	0.0700431	0.17601016	3.1533890	20	11 8.6	20.4
327399 2005 UL$_{512}$	16.7	X	268.86201	245.21334	52.79275	9.85361	0.1850683	0.23620699	2.5918362	20	3 14.9	20.7
327400 2005 UE$_{521}$	17.1	X	20.93098	286.62727	168.93353	4.99871	0.0886173	0.21936305	2.7228710	20	—	—
327401 2005 VU	17.6	X	297.99586	83.55464	255.51896	7.02187	0.2376068	0.25552993	2.4594700	20	5 31.6	20.1
327402 2005 VV$_{3}$	17.6	X	292.17269	297.69896	29.94700	22.31242	0.0252535	0.37885232	1.8915714	20	6 5.7	19.8
327403 2005 VQ$_{11}$	16.9	X	116.59844	18.60068	354.07403	3.74188	0.0782686	0.21933222	2.7231261	20	1 8.3	20.6
327404 2005 VU$_{22}$	17.4	X	284.39312	114.07804	165.37290	3.45651	0.1895714	0.23705388	2.5856595	20	3 2.4	20.9
327405 2005 VO$_{32}$	15.9	X	201.32044	118.26318	236.53434	13.99223	0.1247014	0.23091959	2.6312505	20	3 13.2	20.3
327406 2005 VA$_{33}$	16.2	X	351.12840	32.34238	76.49849	5.17430	0.0615106	0.20934191	2.8090875	20	—	—
327407 2005 VG$_{42}$	17.1	X	237.50369	168.15687	180.33593	6.99882	0.2837905	0.24112258	2.5564902	20	4 5.0	21.5
327408 2005 VY$_{42}$	16.1	X	51.37599	343.43708	98.69216	11.94708	0.2306713	0.21627763	2.7487061	20	1 20.1	18.6
327409 2005 VA$_{52}$	16.4	X	204.88558	145.51393	192.28160	13.69428	0.1868140	0.23287795	2.6164783	20	2 27.1	20.9
327410 2005 VH$_{58}$	16.6	X	289.80787	26.67601	245.42762	4.40126	0.1855273	0.23661141	2.5888820	20	2 26.7	20.3
327411 2005 VL$_{75}$	16.1	X	162.66729	106.24612	238.09668	12.50320	0.1449098	0.22409366	2.6844151	20	1 26.7	20.5
327412 2005 VG$_{89}$	16.8	X	132.84910	267.20828	92.75420	6.11198	0.1319134	0.22010914	2.7167145	20	1 18.8	20.7
327413 2005 VY$_{91}$	17.3	X	259.17954	82.69426	203.19221	2.48822	0.0730978	0.23008899	2.6375791	20	2 25.0	21.0
327414 2005 VS$_{101}$	15.9	X	281.61339	167.89351	74.22922	14.79210	0.0627267	0.22285358	2.6943642	20	2 3.2	19.9
327415 2005 VV$_{107}$	16.9	X	246.34493	224.00667	1.96339	3.48327	0.0387957	0.21420766	2.7663856	20	—	—
327416 2005 VF$_{112}$	16.5	X	207.71186	82.27023	266.65012	6.01249	0.1564902	0.23117600	2.6293045	20	3 13.8	20.8
327417 2005 VP$_{119}$	17.0	X	26.87467	303.71090	134.85870	3.77582	0.0667762	0.21309663	2.7759928	20	—	—
327418 2005 VL$_{122}$	17.6	X	69.85840	276.07705	197.89944	23.14973	0.1701046	0.35972606	1.9580395	20	3 3.9	19.2
327419 2005 VR$_{128}$	17.5	X	100.00595	233.66144	171.99616	5.53178	0.0982772	0.22520714	2.6755595	20	1 28.9	21.1
327420 2005 VO$_{135}$	16.8	X	136.04021	62.77244	279.21463	3.61341	0.0563240	0.21429275	2.7656532	20	—	—
327421 2005 WP	16.4	X	145.18573	120.09395	241.54184	5.52326	0.0170113	0.21942627	2.7223480	20	1 19.3	20.2
327422 2005 WU$_{15}$	17.2	X	259.65380	89.84866	252.11193	2.68444	0.2830094	0.24282161	2.5445510	20	4 13.3	21.2
327423 2005 WH$_{21}$	17.0	X	150.51273	308.95483	54.87161	7.32475	0.0811185	0.22204538	2.7008982	20	2 8.4	21.0
327424 2005 WF$_{22}$	17.1	X	243.43514	276.02838	36.12533	3.69560	0.2483201	0.23379008	2.6096684	20	2 29.7	21.6
327425 2005 WK$_{29}$	16.3	X	90.58821	338.03557	58.36493	7.29528	0.0348006	0.21544446	2.7557882	20	—	—
327426 2005 WY$_{34}$	16.8	X	80.52526	132.96486	248.93765	5.92386	0.1432728	0.21227331	2.7831661	20	—	—
327427 2005 WC$_{36}$	16.4	X	84.55242	311.56949	88.54335	5.09182	0.1043108	0.21466054	2.7624933	20	1 4.6	19.7
327428 2005 WR$_{36}$	16.5	X	249.94077	3.38336	238.32030	6.58122	0.0937892	0.21424603	2.7660554	20	—	—
327429 2005 WP$_{39}$	16.6	X	93.30163	313.37287	76.90405	4.48630	0.2019968	0.21645145	2.7472344	20	1 19.0	20.1
327430 2005 WA$_{59}$	16.5	X	90.66740	340.90282	47.96860	6.61272	0.0526527	0.21374612	2.7703665	20	—	—
327431 2005 WY$_{69}$	16.9	X	220.57217	28.95253	232.61826	3.51735	0.0181451	0.21299961	2.7768356	20	—	—
327432 2005 WL$_{75}$	17.0	X	238.44895	260.76854	357.65747	3.09168	0.0460808	0.21930899	2.7233185	20	1 3.7	20.8
327433 2005 WY$_{77}$	16.7	X	74.36985	339.73220	60.26557	5.06690	0.1072999	0.21278107	2.7787366	20	—	—
327434 2005 WK$_{81}$	16.8	X	165.61311	229.03682	73.82854	5.43650	0.0500777	0.21013092	2.8020512	20	—	—
327435 2005 WO$_{89}$	15.8	X	19.58327	40.08168	78.36682	17.18934	0.0320379	0.21525899	2.7573709	20	1 7.1	19.5
327436 2005 WF$_{95}$	16.7	X	271.08816	237.91609	81.11317	14.02584	0.2968222	0.23963742	2.5670419	20	4 2.7	21.0
327437 2005 WE$_{96}$	15.8	X	351.05457	15.54591	78.51125	16.25983	0.1084737	0.20480287	2.8504408	20	—	—
327438 2005 WY$_{98}$	16.9	X	258.74882	265.33672	79.93862	5.16056	0.2197692	0.24082980	2.5585617	20	4 25.8	20.8
327439 2005 WR$_{102}$	16.1	X	25.17130	236.29128	208.37269	11.96568	0.1579392	0.21069847	2.7970171	20	—	—
327440 2005 WJ$_{104}$	16.1	X	55.92305	323.04228	95.18930	5.22966	0.0933337	0.21331632	2.7740865	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327441 2005 WS_{104}	16.2	X	105.48564	300.48563	88.23937	13.85495	0.1686849	0.21828124	2.7318600	20	1 28.9	20.0
327442 2005 WY_{105}	16.2	X	202.26465	160.09149	201.34523	13.63459	0.2648379	0.23491963	2.6012964	20	3 24.6	20.9
327443 2005 WD_{110}	16.1	X	138.07890	110.63456	244.30071	10.23962	0.0459000	0.21688121	2.7436040	20	1 6.3	20.0
327444 2005 WR_{116}	17.0	X	14.89364	34.86401	83.46309	25.22972	0.0957651	0.34947004	1.9961634	20	—	—
327445 2005 WE_{121}	16.1	X	162.02787	279.97037	80.65134	13.61576	0.1263809	0.22403004	2.6849233	20	2 22.8	20.5
327446 2005 WK_{126}	17.6	X	184.29340	145.06812	225.92137	2.10999	0.1606722	0.23222701	2.6213654	20	3 22.1	21.7
327447 2005 WZ_{126}	16.0	X	181.06732	140.81925	213.11040	10.74352	0.1940499	0.22851110	2.6497070	20	2 26.1	20.6
327448 2005 WU_{128}	16.6	X	268.80437	65.49062	241.33328	2.84550	0.1592599	0.23576964	2.5950404	20	3 22.5	20.3
327449 2005 WB_{131}	17.2	X	269.21846	249.18896	66.45410	3.01381	0.1849574	0.23746530	2.5826721	20	4 2.6	20.9
327450 2005 WH_{137}	17.1	X	293.43268	238.75703	57.73527	6.29787	0.1768524	0.23952278	2.5678609	20	4 8.6	20.5
327451 2005 WR_{149}	17.0	X	115.52431	338.19450	38.54950	5.17208	0.0608649	0.21582423	2.7525544	20	1 10.4	20.8
327452 2005 WU_{153}	16.0	X	162.39035	251.39145	99.34046	7.40008	0.0386480	0.22335199	2.6903544	20	1 30.5	19.8
327453 2005 WM_{161}	17.2	X	246.58340	108.52032	217.78363	1.61932	0.1567779	0.23536810	2.5979910	20	3 24.9	21.1
327454 2005 WT_{164}	16.4	X	296.53323	139.82684	63.68266	9.63491	0.0764669	0.21811903	2.7332142	20	—	—
327455 2005 WF_{166}	16.0	X	202.67159	278.21020	89.80731	24.98979	0.2237111	0.23142209	2.6274402	20	4 17.5	21.0
327456 2005 WS_{166}	16.8	X	352.50835	33.63984	85.45210	3.07511	0.0346347	0.21192325	2.7862301	20	—	—
327457 2005 WG_{167}	16.9	X	243.50305	265.81487	66.49895	4.39863	0.1825795	0.23523624	2.5989618	20	3 29.8	21.0
327458 2005 WJ_{178}	15.9	X	336.25391	81.99653	310.32449	2.36502	0.2118487	0.19213145	2.9744299	20	11 3.8	18.8
327459 2005 WJ_{179}	16.2	X	26.69131	3.80498	85.83177	11.28878	0.1058263	0.21309970	2.7759661	20	—	—
327460 2005 WH_{186}	16.2	X	271.03499	324.32414	121.96782	4.50381	0.2111266	0.18488915	3.0516058	20	9 17.6	20.4
327461 2005 XN_{37}	16.7	X	94.54541	312.48770	80.36200	6.94308	0.0561585	0.21123541	2.7922753	20	1 3.2	20.3
327462 2005 XU_{56}	16.1	X	358.35659	266.07206	184.67823	10.86599	0.1125492	0.20684926	2.8316098	20	—	—
327463 2005 XO_{69}	17.1	X	165.38615	31.97653	336.71390	2.43116	0.1592805	0.22556067	2.6727631	20	3 3.2	21.2
327464 2005 XE_{76}	16.4	X	43.56596	39.23145	73.46712	6.49919	0.0395848	0.21863934	2.7288763	20	2 3.1	19.9
327465 2005 XT_{76}	17.0	X	150.10274	317.45101	32.62924	5.41829	0.0720601	0.22064369	2.7123249	20	1 19.8	20.9
327466 2005 XT_{92}	17.4	X	6.61284	235.59026	252.91307	16.73771	0.1130866	0.34860442	1.9994665	20	—	—
327467 2005 XK_{101}	16.1	X	145.03955	255.35685	303.50944	5.42087	0.0325220	0.17848107	3.1242176	20	9 26.7	20.8
327468 2005 XT_{109}	15.8	X	315.96060	313.88622	113.23841	9.93056	0.1521452	0.18905883	3.0065706	20	11 15.2	19.3
327469 2005 XX_{109}	16.2	X	126.37086	92.00480	148.12199	9.64291	0.0566553	0.17656560	3.1467724	20	11 1.5	21.0
327470 2005 XC_{115}	16.7	X	178.57786	73.15467	233.00070	5.44411	0.0344154	0.21765973	2.7370579	20	—	—
327471 2005 YL_{2}	17.4	X	191.80816	293.67121	61.25114	5.48400	0.1527019	0.22948720	2.6421881	20	3 12.9	21.7
327472 2005 YM_{8}	15.9	X	118.92613	8.52194	30.77084	14.22139	0.1158773	0.22246529	2.6974985	20	2 24.8	19.9
327473 2005 YJ_{16}	16.4	X	254.40176	358.88304	117.64898	9.16428	0.1693024	0.18601466	3.0392839	20	10 13.4	20.8
327474 2005 YW_{18}	16.8	X	195.19484	77.51060	258.90160	1.04046	0.0582752	0.22458172	2.6805245	20	2 18.6	20.7
327475 2005 YJ_{29}	16.1	X	252.03821	51.29375	104.61458	14.04591	0.0406421	0.19278486	2.9677053	20	12 14.3	20.3
327476 2005 YM_{47}	16.4	X	214.94311	219.89348	78.62774	14.72222	0.1603057	0.22173853	2.7033894	20	1 26.2	21.0
327477 2005 YH_{58}	16.3	X	359.95012	287.44927	120.02603	7.87108	0.0214637	0.19315891	2.9638728	20	12 20.3	20.3
327478 2005 YR_{58}	16.4	X	260.71990	341.24590	177.79000	3.70960	0.1823376	0.19219156	2.9738097	20	12 8.6	20.2
327479 2005 YY_{58}	16.3	X	19.08682	287.61611	99.14599	3.19061	0.0966679	0.19531663	2.9420038	20	12 29.0	20.0
327480 2005 YR_{77}	16.3	X	182.23005	212.79102	85.93721	4.59168	0.1663954	0.20914505	2.8108499	20	—	—
327481 2005 YD_{80}	15.9	X	198.52482	220.59862	301.76401	6.38740	0.0192607	0.18443484	3.0566149	20	10 15.3	20.4
327482 2005 YK_{81}	16.8	X	205.33622	156.35950	112.22522	7.46765	0.0167060	0.20633947	2.8362718	20	—	—
327483 2005 YD_{86}	16.1	X	262.92817	210.50124	289.14819	11.82088	0.0925778	0.19221244	2.9735943	20	11 29.1	20.2
327484 2005 YV_{88}	16.7	X	203.76994	336.51604	244.96712	0.76999	0.0362218	0.19519250	2.9432510	20	—	—
327485 2005 YK_{116}	16.8	X	112.55422	313.20406	27.74865	1.80746	0.0045328	0.20031347	2.8928724	20	—	—
327486 2005 YW_{140}	16.8	X	79.91205	3.29377	2.90309	1.70345	0.0798040	0.20290249	2.8682112	20	—	—
327487 2005 YD_{143}	16.5	X	342.37608	316.49283	111.62209	10.13313	0.0787159	0.19285382	2.9669977	20	12 26.5	20.4
327488 2005 YM_{147}	16.5	X	69.43532	344.65283	30.62286	2.35915	0.0795305	0.20277275	2.8694345	20	—	—
327489 2005 YE_{179}	15.9	X	212.15200	193.98390	111.84147	15.59911	0.1758289	0.21488845	2.7605397	20	1 31.8	20.6
327490 2005 YF_{181}	17.6	X	165.96300	290.64245	103.90633	24.06333	0.1084604	0.36590559	1.9359316	20	4 6.3	20.7
327491 2005 YG_{181}	16.3	X	173.76303	197.68666	161.64263	13.80625	0.1219842	0.22543589	2.6737493	20	2 26.6	20.4
327492 2005 YB_{189}	16.3	X	83.61406	94.93452	133.50528	0.20663	0.1229767	0.17471163	3.1689946	20	9 4.7	20.9
327493 2005 YL_{193}	16.3	X	127.20436	217.50210	126.30934	7.30159	0.0808891	0.20444829	2.8537356	20	—	—
327494 2005 YS_{197}	16.9	X	317.99397	16.16653	103.80927	6.81790	0.0326214	0.20016977	2.8942568	20	—	—
327495 2005 YM_{200}	16.3	X	178.05108	167.09428	89.11761	3.17844	0.0448890	0.19712274	2.9240058	20	—	—
327496 2005 YE_{245}	17.3	X	220.56242	31.90619	114.12951	2.51641	0.2124446	0.18390800	3.0624497	20	10 4.8	22.2
327497 2005 YU_{281}	16.1	X	32.79963	355.10247	98.13346	5.72037	0.0336207	0.21279453	2.7786194	20	—	—
327498 2006 AL_{10}	17.1	X	90.87410	99.59106	284.58175	2.92255	0.1086003	0.20809261	2.8203193	20	—	—
327499 2006 AR_{22}	15.8	X	244.29888	49.64443	59.17137	20.85149	0.3882571	0.18179593	3.0861233	20	9 3.9	21.4
327500 2006 AQ_{36}	16.2	X	239.42886	45.69477	116.24151	11.12422	0.0595188	0.18932262	3.0037772	20	12 3.5	20.5
327501 2006 AE_{56}	16.1	X	172.26542	157.59881	132.05385	10.98455	0.0380267	0.20231045	2.8738042	20	—	—
327502 2006 AO_{62}	16.2	X	40.78229	83.76387	314.65737	7.71129	0.0806735	0.20075558	2.8886237	20	—	—
327503 2006 AJ_{69}	16.1	X	178.55125	247.68859	116.62934	14.48050	0.1393070	0.22223970	2.6993236	20	3 14.6	20.6
327504 2006 AP_{70}	16.2	X	171.93170	230.50558	297.22222	8.63272	0.0580315	0.17769133	3.1334677	20	9 16.9	21.1
327505 2006 AF_{78}	16.2	X	181.80164	324.05343	233.40251	2.04187	0.2118658	0.17656347	3.1467976	20	10 29.7	21.4
327506 2006 AE_{79}	16.0	X	317.54726	141.78176	304.47632	10.01255	0.0495791	0.19059946	2.9903471	20	12 12.3	20.0
327507 2006 AB_{105}	16.2	X	215.48519	33.37122	153.42649	10.00926	0.0579897	0.18288506	3.0738587	20	12 3.9	20.8
327508 2006 BS	15.4	X	212.44144	106.35773	26.32861	26.61373	0.2002202	0.17831687	3.1261352	20	9 22.6	20.7
327509 2006 BV_{6}	15.4	X	155.86502	63.23976	131.70995	17.21670	0.1800373	0.17635537	3.1492727	20	10 13.2	20.9
327510 2006 BO_{17}	15.9	X	176.23467	298.86802	301.88723	9.17321	0.0625608	0.19164077	2.9795050	20	12 24.9	20.4
327511 2006 BB_{25}	16.2	X	84.71491	225.93166	131.45493	9.65760	0.0584344	0.19907646	2.9048438	20	—	—
327512 Bíró	16.8	X	214.31644	97.06352	101.82084	4.77597	0.1109537	0.18947840	3.0021305	20	12 10.6	21.2
327513 2006 BJ_{46}	16.5	X	197.99248	58.27873	145.85963	2.34372	0.0799891	0.18438778	3.0571351	20	12 1.8	21.0
327514 2006 BF_{54}	15.8	X	227.00785	346.03862	151.24058	18.14722	0.1564936	0.17921885	3.1156375	20	10 8.7	20.7
327515 2006 BO_{61}	15.7	X	94.60759	294.83043	77.04925	15.92329	0.1631704	0.20510563	2.8476351	20	—	—
327516 2006 BV_{67}	16.7	X	4.71140	1.91122	52.50941	2.72731	0.1036028	0.19467239	2.9484910	20	—	—
327517 2006 BY_{71}	16.4	X	347.91838	345.90811	73.83063	4.24753	0.1353888	0.19229179	2.9727763	20	12 28.6	19.8
327518 2006 BU_{78}	15.6	X	1.25153	47.17529	334.32542	10.20472	0.0505300	0.18372997	3.0644277	20	11 16.7	20.0
327519 2006 BN_{79}	15.7	X	102.78239	127.22510	130.06805	11.39603	0.0642185	0.17509851	3.1643249	20	10 29.1	20.6
327520 2006 BD_{88}	16.9	X	191.08546	109.26438	99.74870	2.90180	0.0731701	0.18633048	3.0358486	20	12 1.1	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327521 2006 BM_{94}	15.8	X	90.54091	124.83682	159.78135	9.67249	0.0471472	0.17960061	3.1112209	20	11 14.1	20.4
327522 2006 BK_{97}	16.6	X	277.90299	79.06387	6.04977	2.22294	0.1178589	0.18038050	3.1022467	20	10 6.8	20.8
327523 2006 BS_{108}	16.7	X	153.49894	174.76194	63.84759	1.75132	0.1410474	0.18347934	3.0672178	20	11 25.5	21.7
327524 2006 BM_{112}	16.4	X	191.90796	258.78565	338.48461	6.34051	0.0880384	0.19102192	2.9859366	20	—	—
327525 2006 BN_{112}	16.3	X	209.90521	26.10256	123.46901	6.64093	0.0907314	0.17988768	3.1079101	20	10 11.3	21.0
327526 2006 BP_{112}	16.3	X	232.74237	30.32761	127.64977	11.20487	0.0930005	0.18533795	3.0466774	20	11 17.0	20.8
327527 2006 BQ_{126}	15.9	X	42.80211	190.26382	158.23898	9.87591	0.0746772	0.18367821	3.0650034	20	12 7.9	20.3
327528 2006 BH_{128}	15.9	X	345.69947	233.95326	155.80193	9.87393	0.1119149	0.18266853	3.0762873	20	11 14.8	19.8
327529 2006 BW_{136}	16.4	X	176.73758	157.85560	77.08837	2.33225	0.1505356	0.18644069	3.0346522	20	12 11.8	21.2
327530 2006 BK_{137}	16.1	X	93.98807	232.47787	153.47013	13.26674	0.1095564	0.20365860	2.8611078	20	1 2.5	20.0
327531 2006 BT_{142}	16.7	X	234.97390	154.03682	338.35059	10.87443	0.0429564	0.17893665	3.1189124	20	10 16.8	21.4
327532 2006 BU_{145}	16.3	X	270.80488	261.20900	218.34033	3.73686	0.1921675	0.18862444	3.0111848	20	10 31.3	20.1
327533 2006 BE_{150}	15.5	X	259.95788	43.61425	83.77784	12.61997	0.1404134	0.18654315	3.0335408	20	11 6.9	19.8
327534 2006 BR_{151}	16.3	X	19.62359	344.78984	87.03475	3.12757	0.0393226	0.19797749	2.9155836	20	—	—
327535 2006 BY_{151}	16.4	X	169.88310	213.40851	66.62229	3.00435	0.0623955	0.19562009	2.9389605	20	—	—
327536 2006 BJ_{154}	15.9	X	213.01256	100.72557	124.21475	4.71587	0.0515828	0.19170500	2.9788394	20	—	—
327537 2006 BT_{157}	15.9	X	132.10033	149.73768	145.98556	10.60462	0.0080974	0.18878001	3.0095302	20	—	—
327538 2006 BE_{169}	16.4	X	182.69625	234.73220	345.14301	3.56633	0.1397142	0.18219410	3.0816254	20	11 28.9	21.3
327539 2006 BU_{179}	16.2	X	188.61449	222.26610	20.77576	1.31221	0.1470303	0.18989828	2.9977037	20	—	—
327540 2006 BN_{180}	16.1	X	140.37410	127.57421	135.15112	9.05148	0.0203382	0.18719317	3.0265142	20	12 12.5	20.5
327541 2006 BO_{186}	15.1	X	124.13980	95.99276	160.03627	25.80845	0.2396791	0.17513237	3.1639171	20	11 26.6	21.0
327542 2006 BV_{193}	16.1	X	219.80116	199.81113	304.92926	8.19754	0.0469061	0.18062371	3.0994613	20	10 14.2	20.7
327543 2006 BQ_{246}	16.9	X	154.96952	184.55325	159.45758	4.60436	0.1111057	0.21075184	2.7965449	20	1 21.0	21.2
327544 2006 BM_{250}	15.8	X	140.15005	95.95090	146.35153	10.76831	0.0949425	0.18013589	3.1050545	20	11 19.7	20.8
327545 2006 BR_{256}	16.1	X	279.78943	108.06375	341.78331	11.34512	0.1053114	0.18211056	3.0825677	20	10 13.1	20.3
327546 2006 BL_{258}	16.4	X	179.38103	130.91028	88.39796	4.21212	0.0909495	0.18293790	3.0732667	20	11 29.3	21.0
327547 2006 BQ_{262}	16.6	X	157.05539	152.20537	104.59584	1.83664	0.1500602	0.18340702	3.0680240	20	12 19.1	21.5
327548 2006 BX_{276}	16.4	X	166.42606	134.76147	69.81614	2.34683	0.0949846	0.17696272	3.1420628	20	10 29.3	21.1
327549 2006 BB_{278}	16.0	X	196.11541	100.49544	103.40744	10.52501	0.0240001	0.18975079	2.9992568	20	12 6.9	20.4
327550 2006 BO_{280}	16.2	X	222.71289	198.68183	332.59007	8.30146	0.0793879	0.18457968	3.0550158	20	11 16.9	20.9
327551 2006 BS_{281}	16.6	X	339.67830	2.00603	63.33611	2.96741	0.0722694	0.18816501	3.0160842	20	12 17.1	20.3
327552 2006 CO_{10}	16.3	X	211.10464	137.65671	13.53313	10.23585	0.1655208	0.17719405	3.1393275	20	10 4.5	21.3
327553 2006 CK_{11}	15.7	X	146.88231	105.79768	133.79808	9.85942	0.0961916	0.18491057	3.0513702	20	11 23.5	20.6
327554 2006 CB_{20}	17.1	X	312.89162	162.44174	262.30416	1.71215	0.1769035	0.18804689	3.0173472	20	10 31.3	20.3
327555 2006 CE_{25}	15.7	X	278.48955	129.13773	319.86774	11.45979	0.0856669	0.18409409	3.0603856	20	10 11.9	20.0
327556 2006 CR_{40}	16.0	X	134.60921	223.92444	2.85509	9.31623	0.0490414	0.17502646	3.1651933	20	10 19.4	20.7
327557 2006 CT_{42}	16.3	X	259.23323	336.29547	179.34191	9.68337	0.0958624	0.18675391	3.0312581	20	12 13.5	20.5
327558 2006 CE_{52}	16.5	X	184.16546	338.24997	254.50345	0.74540	0.2088961	0.18646868	3.0343485	20	12 12.3	21.5
327559 2006 CS_{63}	16.4	X	258.10328	125.20770	97.39968	8.75938	0.1567970	0.20873768	2.8145058	20	—	—
327560 2006 DB	15.6	X	305.54176	106.86190	8.33367	9.92588	0.0570699	0.19162645	2.9796534	20	—	—
327561 2006 DE_{2}	16.4	X	240.08491	178.80058	335.48608	4.07206	0.0153775	0.18387189	3.0628507	20	11 27.1	20.7
327562 2006 DS_{5}	16.4	X	94.89196	297.39294	318.16216	1.27765	0.1460788	0.17322141	3.1871439	20	10 21.2	21.2
327563 2006 DG_{6}	15.1	X	195.54022	110.66096	118.52998	12.44556	0.0701035	0.18810005	3.0167786	20	12 30.2	19.5
327564 2006 DH_{6}	15.6	X	205.18169	150.11108	355.76165	17.04793	0.1668103	0.17675976	3.1444676	20	9 21.6	20.6
327565 2006 DL_{13}	15.9	X	252.85620	316.48102	172.83283	13.70897	0.3260257	0.18525473	3.0475898	20	10 3.4	20.5
327566 2006 DO_{15}	15.6	X	334.10226	251.82974	137.53155	12.94382	0.0761969	0.18055458	3.1002524	20	10 28.1	19.8
327567 2006 DP_{27}	15.9	X	89.78419	290.55923	356.44541	15.15238	0.0771739	0.17600564	3.1534431	20	11 10.6	20.8
327568 2006 DP_{29}	15.9	X	147.84503	245.84673	81.95177	3.17122	0.0608110	0.20018830	2.8940782	20	—	—
327569 2006 DD_{33}	15.9	X	215.44921	16.78834	172.27707	16.73366	0.1576871	0.18161255	3.0882004	20	11 25.9	20.9
327570 2006 DR_{38}	15.8	X	288.83935	91.46588	350.50222	10.56966	0.1093820	0.18080383	3.0974024	20	10 16.1	20.0
327571 2006 DT_{40}	15.8	X	138.95610	187.69960	77.44553	5.45675	0.0131064	0.18413588	3.0599225	20	12 11.9	20.1
327572 2006 DJ_{46}	16.6	X	193.73834	49.39286	143.11675	3.01668	0.1102555	0.18175891	3.0865423	20	11 11.3	21.3
327573 2006 DK_{71}	15.5	X	155.69746	82.62359	160.79906	12.47985	0.0918085	0.18087338	3.0966084	20	12 5.1	20.5
327574 2006 DM_{100}	16.6	X	139.22334	121.30485	119.00311	2.55535	0.1242850	0.17861187	3.1226921	20	11 14.6	21.6
327575 2006 DR_{104}	15.6	X	212.71218	343.53620	178.69609	9.39641	0.0506677	0.17750056	3.1357125	20	11 1.3	20.2
327576 2006 DE_{122}	15.4	X	228.38575	17.07433	131.91475	16.29304	0.1275459	0.17954284	3.1118882	20	10 29.7	20.3
327577 2006 DB_{125}	15.9	X	196.40046	167.24997	146.68674	11.14371	0.1626045	0.21072241	2.7968053	20	1 26.8	20.5
327578 2006 DT_{130}	15.4	X	181.73625	111.27373	146.26330	15.66470	0.0837310	0.18894025	3.0078284	20	—	—
327579 2006 DX_{130}	16.1	X	199.15967	111.74203	11.51164	10.91037	0.0325135	0.16936956	3.2352844	20	9 1.5	20.8
327580 2006 DW_{131}	16.7	X	203.13087	132.37836	51.07216	4.25421	0.1479445	0.18027028	3.1035110	20	11 5.8	21.6
327581 2006 DC_{132}	15.7	X	241.15907	327.60857	146.47401	12.32451	0.0884753	0.17683715	3.1435501	20	10 3.4	20.3
327582 2006 DM_{132}	16.2	X	219.04729	40.59580	121.93531	5.92028	0.0790720	0.18030073	3.1031616	20	11 6.4	20.8
327583 2006 DT_{135}	16.9	X	132.42014	269.43245	8.11416	2.23896	0.0908275	0.18420656	3.0591398	20	12 20.8	21.6
327584 2006 DX_{139}	15.9	X	232.79501	67.32567	68.09871	5.09244	0.0625313	0.17770878	3.1332626	20	10 21.4	20.3
327585 2006 DT_{144}	16.0	X	126.75033	78.92632	156.94573	9.62913	0.0500940	0.17514098	3.1638134	20	10 26.9	20.8
327586 2006 DE_{157}	15.8	X	116.73309	116.09756	152.97045	9.76753	0.0886877	0.17792482	3.1307258	20	11 26.5	20.8
327587 2006 DX_{159}	16.5	X	172.67849	55.54101	150.89146	3.03233	0.1108754	0.17763486	3.1341317	20	11 6.5	21.5
327588 2006 DB_{160}	15.6	X	244.29971	317.23600	162.17477	10.63218	0.0378841	0.17681384	3.1438263	20	10 19.9	20.1
327589 2006 DM_{165}	16.6	X	151.47947	104.63106	148.91339	8.04552	0.1351206	0.18008626	3.1056249	20	12 11.2	21.7
327590 2006 DQ_{166}	15.8	X	289.85289	54.37767	10.15957	11.39107	0.0601584	0.17493995	3.1662368	20	10 4.0	20.0
327591 2006 DO_{169}	15.8	X	303.14333	56.42622	13.29309	11.71567	0.0550209	0.17785245	3.1315750	20	10 27.2	20.1
327592 2006 DJ_{182}	15.7	X	284.94038	107.08767	336.82519	6.22240	0.0887382	0.17835519	3.1256874	20	10 16.3	20.0
327593 2006 DP_{188}	16.5	X	123.99517	178.03802	108.15131	2.45168	0.2246570	0.17755473	3.1350747	20	12 25.4	22.0
327594 2006 DM_{189}	15.6	X	290.63244	233.95532	173.25194	27.61723	0.2341858	0.17309302	3.1887197	20	8 16.7	20.0
327595 2006 DK_{194}	16.6	X	14.46499	16.80092	333.17954	8.46287	0.0659376	0.17838465	3.1253433	20	10 26.4	20.9
327596 2006 DY_{195}	15.5	X	220.63405	51.01998	91.20717	11.89364	0.1299385	0.17818602	3.1276655	20	10 12.6	20.4
327597 2006 DH_{196}	16.0	X	282.60751	299.30109	163.54210	19.41209	0.2352403	0.18669636	3.0318810	20	10 24.9	19.9
327598 2006 DP_{197}	15.3	X	205.76875	310.63145	212.09487	16.28434	0.1893199	0.17704388	3.1411025	20	10 9.8	20.4
327599 2006 DO_{201}	15.7	X	219.74369	13.48071	109.15803	18.56289	0.1770358	0.17665782	3.1456770	20	9 13.8	20.9
327600 2006 DQ_{202}	15.4	X	157.60215	141.82814	118.02016	16.49392	0.2068223	0.18166496	3.0876064	20	12 22.5	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327601 2006 DQ_{211}	15.7	X	140.41553	268.56303	354.98906	12.62199	0.2703687	0.17536648	3.1611007	20	12 10.9	21.5
327602 2006 DS_{214}	15.8	X	96.59091	285.16685	347.59121	13.55193	0.0855371	0.17582120	3.1556480	20	11 1.9	20.7
327603 2006 EF_{3}	16.5	X	217.64246	4.14198	148.09262	7.69710	0.1227374	0.17914687	3.1164720	20	10 18.9	21.2
327604 2006 EP_{17}	15.9	X	117.52736	70.46375	181.09692	8.95229	0.0328171	0.17415490	3.1757447	20	11 1.9	20.5
327605 2006 EK_{19}	15.9	X	313.97759	230.47903	182.43653	8.46226	0.0598868	0.17452685	3.1712310	20	10 24.3	20.1
327606 2006 ER_{35}	15.8	X	178.68568	161.07620	5.06901	10.90709	0.0645590	0.17115309	3.2127694	20	9 25.9	20.7
327607 2006 ED_{37}	16.0	X	55.61401	227.89697	81.00752	2.36144	0.1649179	0.17168093	3.2061809	20	11 14.7	20.6
327608 2006 EC_{47}	15.8	X	131.54686	216.29565	10.68088	6.81539	0.0588141	0.17540840	3.1605970	20	10 18.1	20.4
327609 2006 EN_{47}	16.4	X	306.83987	281.31183	148.93772	10.32495	0.0534305	0.18111461	3.0938581	20	11 8.8	20.6
327610 2006 EK_{54}	16.0	X	248.03216	136.67240	7.19036	8.57878	0.0314818	0.18183539	3.0856768	20	11 20.1	20.4
327611 2006 EY_{71}	15.7	X	169.84503	188.75678	25.25538	7.63270	0.0636886	0.17690674	3.1427256	20	11 11.9	20.4
327612 2006 FC_{12}	16.6	X	129.17515	208.51669	47.17994	3.74600	0.0720606	0.17566253	3.1575480	20	11 19.9	21.3
327613 2006 FO_{19}	16.1	X	191.43134	339.65001	197.08291	4.69501	0.1037112	0.17171739	3.2057269	20	10 19.7	20.9
327614 2006 FN_{20}	15.5	X	353.51426	166.60225	212.20515	9.47028	0.0513130	0.16929131	3.2362814	20	11 3.6	19.8
327615 2006 FR_{27}	16.5	X	164.65681	130.51488	57.42749	2.34812	0.2770449	0.16933901	3.2356736	20	10 5.4	22.3
327616 2006 FN_{42}	15.0	X	43.13478	168.73358	195.55594	26.55311	0.0672463	0.17827255	3.1266533	20	12 21.7	19.9
327617 2006 GD_{4}	15.7	X	265.13339	109.36626	343.36159	12.92563	0.1590342	0.17847941	3.1242370	20	9 20.6	20.0
327618 2006 GP_{4}	16.1	X	175.52280	69.68996	151.58210	7.46290	0.0161746	0.17872501	3.1213742	20	12 2.2	20.7
327619 2006 GM_{18}	15.7	X	294.99136	109.73458	345.31132	10.07707	0.0988534	0.18336919	3.0684459	20	11 12.6	19.8
327620 2006 GO_{41}	15.4	X	128.37205	279.61611	16.92790	19.49660	0.4081366	0.17380699	3.1799812	20	—	—
327621 2006 GK_{54}	16.2	X	133.25958	256.97538	355.65928	12.12228	0.1424200	0.17706276	3.1408792	20	11 19.4	21.4
327622 2006 HS_{2}	16.1	X	143.21422	64.06989	170.39072	9.47733	0.0961986	0.17445359	3.1721187	20	11 11.9	21.1
327623 2006 HT_{2}	16.0	X	71.01315	307.84131	25.18681	11.88000	0.0829136	0.17992965	3.1074267	20	12 20.5	20.7
327624 2006 HK_{42}	15.4	X	169.98213	123.68566	99.87847	13.89375	0.1811528	0.17576218	3.1563544	20	11 23.3	20.8
327625 2006 HU_{55}	14.9	X	182.71614	265.26272	245.03947	23.28154	0.3369924	0.17358131	3.1827369	20	8 23.5	21.2
327626 2006 HD_{76}	15.1	X	60.21581	125.37617	205.87873	23.75880	0.1249128	0.16810620	3.2514736	20	12 9.1	20.1
327627 2006 HS_{104}	15.1	X	178.61173	124.04638	78.60730	17.43188	0.1917072	0.17363561	3.1820733	20	11 7.9	20.5
327628 2006 JY_{52}	15.6	X	78.01828	257.17670	41.16855	8.93393	0.0859421	0.17069417	3.2185253	20	11 15.8	20.4
327629 2006 KQ_{84}	15.5	X	296.23210	187.78548	205.15627	10.00242	0.0828205	0.15749276	3.3959581	20	8 25.5	20.2
327630 2006 MC_{3}	15.7	X	27.66639	125.56234	164.58154	10.79575	0.0486446	0.15594786	3.4183493	20	8 28.2	20.4
327631 2006 OU_{8}	17.6	X	64.87899	200.50577	125.88324	6.72110	0.1914727	0.30015646	2.2092130	20	—	—
327632 2006 OJ_{10}	17.1	X	29.04909	204.81177	126.46678	6.23645	0.1919153	0.29283617	2.2458784	20	12 11.5	19.9
327633 2006 PX_{1}	18.1	X	42.26966	173.47279	175.26658	6.16833	0.2369566	0.29820905	2.2188205	20	—	—
327634 2006 PM_{5}	17.2	X	323.94850	322.40892	31.28624	2.81710	0.2394348	0.28302680	2.2974761	20	8 31.3	18.1
327635 2006 PZ_{6}	17.8	X	109.82321	305.53179	359.27714	2.63262	0.1903312	0.30564819	2.1826704	20	—	—
327636 2006 PL_{8}	17.8	X	124.29076	319.38800	332.33762	4.60249	0.1733166	0.30706924	2.1759313	20	—	—
327637 2006 PS_{22}	17.3	X	273.42625	334.20786	36.07362	5.48610	0.2558446	0.27318490	2.3523300	20	6 6.8	20.5
327638 2006 PN_{32}	17.0	X	320.64708	299.27685	69.50846	6.03898	0.1580014	0.28266191	2.2994529	20	9 25.8	18.8
327639 2006 QL_{7}	17.8	X	64.03713	161.88068	147.94889	5.48207	0.1879850	0.29509555	2.2344001	20	12 21.5	21.1
327640 2006 QS_{7}	17.8	X	51.19310	152.05040	162.06730	7.21460	0.1784975	0.29409149	2.2394829	20	12 13.1	21.0
327641 2006 QP_{8}	17.8	X	46.47140	4.43660	319.35600	1.42487	0.1810368	0.29450311	2.2373956	20	12 20.2	20.7
327642 2006 QF_{10}	17.4	X	63.05712	283.87866	39.29804	5.69848	0.2402684	0.29805794	2.2195704	20	—	—
327643 2006 QG_{10}	17.5	X	55.79343	265.82511	85.19746	7.03461	0.1981188	0.29970403	2.2114358	20	—	—
327644 2006 QJ_{12}	17.0	X	329.14289	257.71056	109.99558	6.52266	0.1275449	0.28663351	2.2781627	20	10 14.2	19.0
327645 2006 QO_{16}	17.5	X	287.65544	34.78623	351.28410	3.53289	0.2234291	0.27938555	2.3173951	20	7 29.8	19.9
327646 2006 QX_{18}	17.2	X	341.15674	339.21938	12.17517	3.29676	0.1811971	0.28482065	2.2878194	20	10 12.6	18.7
327647 2006 QT_{21}	17.6	X	22.09081	111.28973	230.17826	0.61855	0.2447326	0.29260383	2.2470671	20	12 23.4	20.3
327648 2006 QC_{23}	17.1	X	315.30683	336.63815	30.18978	11.48481	0.1383532	0.28117038	2.3075777	20	9 13.4	19.2
327649 2006 QT_{26}	17.8	X	31.22623	187.85494	170.43018	3.38910	0.1881734	0.29555003	2.2321089	20	—	—
327650 2006 QM_{28}	17.4	X	330.47168	74.65491	267.30627	1.36095	0.1690426	0.28077123	2.3097642	20	8 28.2	19.1
327651 2006 QA_{33}	17.0	X	105.36109	328.20795	328.14476	7.33323	0.1900656	0.30093764	2.2053882	20	—	—
327652 2006 QG_{38}	17.4	X	55.70648	23.84733	289.09524	4.22161	0.1931463	0.29432498	2.2382983	20	12 17.4	20.4
327653 2006 QX_{38}	17.1	X	103.26527	2.40209	294.24154	6.09814	0.1566821	0.30205413	2.1999503	20	—	—
327654 2006 QM_{47}	18.0	X	25.51849	312.15070	50.83737	3.87464	0.1801013	0.29513751	2.2341883	20	—	—
327655 2006 QF_{59}	16.8	X	339.29990	34.99675	321.21521	9.80747	0.1936636	0.28632888	2.2797783	20	10 11.7	18.6
327656 2006 QW_{60}	16.8	X	267.17827	242.37242	146.63914	7.13542	0.1208687	0.27671919	2.3322577	20	7 17.4	19.7
327657 2006 QV_{61}	17.0	X	323.68100	193.64972	189.43562	8.52713	0.2221808	0.28492520	2.2872597	20	10 27.4	18.2
327658 2006 QG_{62}	16.7	X	309.13689	240.45415	155.79837	7.79187	0.1598226	0.28272643	2.2991031	20	10 14.1	18.5
327659 2006 QJ_{62}	17.3	X	123.27908	167.08779	142.16081	9.01327	0.2484626	0.30617232	2.1801787	20	—	—
327660 2006 QX_{88}	17.7	X	29.84410	330.36504	15.71193	4.52916	0.2025692	0.29223424	2.2489613	20	—	—
327661 2006 QO_{92}	17.2	X	322.31854	239.10136	163.36643	6.93235	0.1213647	0.29174608	2.2514693	20	11 23.7	19.2
327662 2006 QT_{98}	15.2	X	269.98932	118.82958	224.14293	3.17422	0.2144863	0.12489675	3.9637109	20	5 6.8	21.0
327663 2006 QV_{112}	18.2	X	86.44842	88.72854	239.16348	3.20344	0.1937384	0.30246656	2.1979500	20	—	—
327664 2006 QR_{113}	17.2	X	336.75692	353.49179	357.46005	6.89300	0.1416183	0.28325983	2.2962159	20	9 27.7	19.1
327665 2006 QQ_{120}	17.1	X	288.36812	179.24355	213.72326	5.83303	0.2027071	0.27997615	2.3141350	20	8 11.3	19.4
327666 2006 QN_{135}	17.6	X	60.08261	104.65703	199.08457	6.17736	0.1475126	0.29220348	2.2491191	20	12 5.4	20.7
327667 2006 QD_{137}	17.1	X	321.24017	10.03855	277.28236	5.87390	0.1037422	0.27422279	2.3463908	20	5 15.1	19.6
327668 2006 QV_{161}	17.7	X	331.98235	201.24157	162.51514	5.62311	0.1469059	0.28313371	2.2968978	20	10 11.3	19.4
327669 2006 QU_{169}	17.6	X	271.09529	307.40939	64.21902	3.65899	0.2154150	0.27331688	2.3515727	20	6 12.4	20.5
327670 2006 QH_{187}	17.4	X	73.92373	256.77852	87.96208	5.53323	0.2110959	0.30256150	2.1974901	20	—	—
327671 2006 RF_{9}	17.2	X	51.70846	163.89351	154.04023	6.23245	0.2042687	0.29248450	2.2476783	20	12 20.7	20.4
327672 2006 RO_{11}	17.6	X	78.98970	146.57656	172.21072	4.06899	0.2114617	0.29828959	2.2184211	20	—	—
327673 2006 RQ_{11}	17.4	X	344.24513	52.40126	307.62373	1.40833	0.1947523	0.28478315	2.2880202	20	11 4.6	19.1
327674 2006 RT_{17}	16.8	X	71.49058	196.95543	239.22903	9.41139	0.1553550	0.24156211	2.5533881	20	1 30.0	19.8
327675 2006 RO_{23}	17.5	X	15.06431	342.54685	354.20996	1.23464	0.2641990	0.28801005	2.2708979	20	12 9.6	19.9
327676 2006 RA_{24}	16.9	X	225.51243	176.36608	231.96982	5.96005	0.2037376	0.26740800	2.3860880	20	6 13.4	20.6
327677 2006 RZ_{30}	17.3	X	23.22544	108.84063	258.36222	3.22019	0.2002054	0.29344218	2.2427852	20	—	—
327678 2006 RX_{32}	17.3	X	296.80222	0.77946	359.34625	5.53084	0.2847342	0.27399301	2.3477025	20	6 22.2	19.7
327679 2006 RS_{37}	17.1	X	289.90772	264.38791	132.70157	6.75278	0.1220016	0.27905266	2.3192377	20	9 8.3	19.3
327680 2006 RT_{38}	17.4	X	69.23139	240.67121	63.10074	3.39321	0.1889984	0.29435430	2.2381497	20	12 18.6	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327681 2006 RK_{42}	17.4	X	157.15931	290.07451	188.85288	7.32969	0.0755967	0.26737512	2.3862836	20	7 9.5	20.9
327682 2006 RP_{44}	17.3	X	126.69609	175.64057	32.03262	3.78740	0.0862161	0.28118997	2.3074706	20	10 6.9	20.5
327683 2006 RM_{47}	16.8	X	127.07890	189.00484	18.40669	7.80882	0.0568860	0.28141375	2.3062471	20	10 5.7	19.9
327684 2006 RE_{53}	17.4	X	78.69348	261.24965	19.50796	5.26450	0.1294790	0.28773072	2.2723675	20	11 21.3	20.6
327685 2006 RJ_{53}	17.3	X	27.82210	196.33898	138.38557	5.93887	0.1724048	0.28825808	2.2695951	20	12 10.5	20.1
327686 2006 RE_{58}	17.4	X	295.54618	225.02062	168.04861	5.27164	0.1767978	0.27897843	2.3196491	20	9 1.8	19.3
327687 2006 RZ_{79}	17.8	X	87.28833	183.41762	134.65985	1.71968	0.2048904	0.29948954	2.2124915	20	—	—
327688 2006 RK_{82}	17.3	X	174.30933	248.86230	194.07272	5.92025	0.1106662	0.26357259	2.4091798	20	6 11.9	20.9
327689 2006 RU_{90}	17.4	X	188.55389	269.81737	178.79721	4.04470	0.1117171	0.26626674	2.3929012	20	7 4.4	20.9
327690 2006 RW_{93}	17.8	X	10.61790	110.15960	210.11350	6.33823	0.1277923	0.28165107	2.3049514	20	10 14.4	20.1
327691 2006 RH_{97}	18.2	X	53.43784	71.70758	239.13967	1.73547	0.2239223	0.29060706	2.2573485	20	12 14.9	21.5
327692 2006 RZ_{101}	17.5	X	21.42952	220.68761	142.79979	5.61094	0.1941191	0.29134632	2.2535284	20	—	—
327693 2006 RC_{102}	17.6	X	84.35850	288.41334	17.05224	2.57710	0.1765744	0.29667743	2.2264505	20	—	—
327694 2006 RS_{105}	17.7	X	120.34474	118.26762	353.27790	1.99389	0.1327384	0.25718305	2.4489194	20	5 22.6	21.0
327695 Yokoono	18.2	X	110.89672	326.71716	194.52775	4.36943	0.0914155	0.26699949	2.3885211	20	7 13.7	21.4
327696 2006 SH_{4}	16.9	X	268.74733	67.66532	315.22269	6.18864	0.1278292	0.27259105	2.3557452	20	7 10.7	19.6
327697 2006 SZ_{8}	17.3	X	104.04418	221.37907	74.72382	5.30283	0.1745743	0.29974784	2.2112203	20	—	—
327698 2006 SD_{16}	17.6	X	275.32963	161.29015	221.35240	3.99847	0.1234079	0.27336818	2.3512785	20	7 19.2	20.5
327699 2006 SX_{21}	17.5	X	220.05488	106.07723	277.36996	2.99381	0.2324356	0.26288224	2.4133958	20	5 4.5	21.5
327700 2006 SB_{34}	17.5	X	24.51153	173.15554	187.59454	5.68870	0.1574009	0.29314615	2.2442949	20	—	—
327701 2006 SQ_{35}	17.5	X	17.80399	153.46924	209.44687	2.06085	0.1981206	0.29109912	2.2548039	20	—	—
327702 2006 SA_{36}	17.5	X	48.01839	231.02083	85.25875	5.75694	0.1868571	0.29150450	2.2527130	20	12 12.3	20.5
327703 2006 SD_{36}	16.8	X	84.00510	253.10897	61.15074	5.96426	0.1995343	0.29883221	2.2157348	20	—	—
327704 2006 SZ_{36}	16.8	X	71.92235	280.45135	348.28427	6.14037	0.0607385	0.28283787	2.2984991	20	10 18.1	19.6
327705 2006 SR_{41}	17.0	X	267.61225	216.49965	171.10968	4.83000	0.1692599	0.27265232	2.3553923	20	7 7.6	20.0
327706 2006 SP_{42}	17.2	X	216.28624	238.67231	191.87603	3.27136	0.2237890	0.26673886	2.3900768	20	7 1.9	21.0
327707 2006 SE_{52}	16.9	X	44.70699	183.94118	156.22047	6.90387	0.1437815	0.29167097	2.2518558	20	—	—
327708 2006 SW_{54}	17.4	X	48.47366	191.36603	135.33019	7.75838	0.1711253	0.29210218	2.2496391	20	12 24.7	20.6
327709 2006 SF_{76}	17.5	X	188.09221	358.32244	57.21733	2.14301	0.1518742	0.25947227	2.4344942	20	5 20.3	21.4
327710 2006 SM_{77}	16.8	X	22.30529	142.75579	213.00983	25.88640	0.2620738	0.29134000	2.2535609	20	—	—
327711 2006 SJ_{91}	17.6	X	349.30060	141.06788	196.09467	10.04327	0.2322640	0.28106345	2.3081630	20	10 14.7	19.0
327712 2006 SZ_{97}	17.4	X	88.52229	195.54884	25.89136	6.41979	0.0714030	0.27458172	2.3443456	20	9 9.3	20.4
327713 2006 SV_{103}	17.9	X	69.46261	222.28029	6.94599	2.07164	0.0472613	0.27499257	2.3420100	20	8 19.6	20.5
327714 2006 SG_{135}	14.6	X	269.77159	316.44009	33.76184	9.40115	0.2676762	0.12655253	3.9290615	20	5 7.7	20.6
327715 2006 SL_{135}	17.0	X	231.84420	142.18896	247.80142	6.06263	0.0621829	0.26642006	2.3919831	20	6 9.6	20.2
327716 2006 SS_{136}	16.9	X	1.16577	257.83875	84.53967	7.43212	0.1479069	0.28670297	2.2777948	20	11 7.6	19.1
327717 2006 SD_{138}	16.9	X	220.86628	318.93765	90.56605	6.92987	0.0996329	0.26712977	2.3877445	20	6 19.1	20.3
327718 2006 ST_{138}	18.2	X	99.84585	267.11144	51.53688	6.82698	0.2518265	0.30388789	2.1910912	20	—	—
327719 2006 SP_{139}	17.2	X	60.86902	235.19782	99.79560	7.38686	0.1850398	0.29552980	2.2322108	20	—	—
327720 2006 ST_{154}	17.5	X	210.07892	319.35857	60.95623	7.61713	0.2763594	0.25938902	2.4350151	20	4 23.9	21.8
327721 2006 SQ_{157}	17.8	X	167.80203	270.75188	170.51909	4.08186	0.2088017	0.26027441	2.4294897	20	6 4.9	21.8
327722 2006 SV_{159}	17.7	X	171.22471	64.48924	32.15582	7.50244	0.0974436	0.26343619	2.4100114	20	6 26.7	21.3
327723 2006 SK_{161}	17.4	X	68.74209	240.02539	63.64179	2.35615	0.1873730	0.29148056	2.2528364	20	12 17.4	20.5
327724 2006 SX_{185}	17.9	X	348.75873	331.83638	24.34568	3.99091	0.1686390	0.28214403	2.3022659	20	11 3.6	19.8
327725 2006 SQ_{188}	18.2	X	90.72822	108.97789	89.72012	2.10617	0.1292267	0.27308770	2.3528882	20	8 16.8	21.4
327726 2006 SJ_{194}	17.8	X	305.71716	128.30415	220.73555	3.27739	0.2146877	0.27426785	2.3461338	20	7 5.0	19.9
327727 2006 SY_{204}	18.3	X	102.20456	101.41112	29.80911	0.52441	0.1586219	0.25797029	2.4439346	20	5 31.6	21.4
327728 2006 SB_{212}	17.5	X	198.63177	347.67029	120.34452	1.54658	0.0846725	0.27109545	2.3644015	20	8 14.2	20.7
327729 2006 SR_{214}	17.4	X	19.20595	291.57538	14.99630	5.36130	0.1758488	0.28141966	2.3062148	20	10 16.6	19.8
327730 2006 SM_{279}	17.2	X	343.19057	123.84171	231.63431	6.29384	0.1445822	0.28176352	2.3043381	20	10 17.9	19.3
327731 2006 SE_{283}	17.1	X	9.98811	199.10405	161.94948	6.15441	0.1292481	0.28905603	2.2654163	20	12 14.8	19.7
327732 2006 SP_{283}	17.1	X	9.89088	188.79711	156.13951	5.93535	0.1916950	0.28512048	2.2862152	20	12 1.9	19.5
327733 2006 SE_{300}	17.1	X	218.47969	258.08386	128.62979	7.39381	0.1429438	0.26281449	2.4138105	20	5 15.7	20.8
327734 2006 SP_{317}	17.4	X	153.72133	9.06975	152.78337	4.44196	0.0771577	0.27483240	2.3429198	20	9 4.8	20.6
327735 2006 ST_{322}	17.3	X	225.93593	353.75833	59.80060	3.32714	0.1971372	0.26671935	2.3901934	20	6 21.1	20.8
327736 2006 SG_{328}	17.4	X	0.38331	151.50843	174.55074	6.07079	0.1496072	0.28035382	2.3120562	20	10 9.2	19.3
327737 2006 SC_{336}	17.7	X	208.68102	305.23880	105.23676	3.96013	0.1405145	0.26359113	2.4090669	20	6 4.1	21.3
327738 2006 SC_{351}	17.5	X	58.67196	150.41753	161.04854	6.39678	0.1353163	0.29195897	2.2503747	20	12 12.5	20.6
327739 2006 SC_{353}	17.6	X	62.96703	147.22900	162.61079	4.90814	0.1709409	0.29109849	2.2548072	20	12 18.2	20.8
327740 2006 SG_{364}	17.0	X	196.99183	31.10757	28.20892	6.85742	0.1119892	0.25803507	2.4435256	20	6 3.2	20.6
327741 2006 SE_{365}	17.3	X	258.26964	162.67456	235.41175	5.48242	0.0928177	0.27143844	2.3624093	20	7 21.1	20.2
327742 2006 SH_{391}	17.8	X	288.94601	171.10752	214.97696	7.08581	0.1512122	0.27634400	2.3343682	20	8 9.8	20.3
327743 2006 TG_{2}	17.7	X	36.00545	206.24177	80.38655	2.48192	0.1591386	0.28083777	2.3093993	20	10 12.8	20.2
327744 2006 TM_{23}	17.4	X	214.03610	235.65329	181.59986	2.99302	0.1340268	0.26350402	2.4095978	20	6 18.9	21.1
327745 2006 TD_{29}	17.7	X	54.98485	270.64398	49.41484	2.17075	0.2715871	0.29172895	2.2515575	20	—	—
327746 2006 TO_{39}	17.4	X	76.91610	59.24692	32.89452	13.83140	0.1567553	0.24098299	2.5574773	20	3 12.1	20.6
327747 2006 TG_{50}	17.0	X	226.06017	324.47515	67.67613	7.78610	0.1359953	0.26256479	2.4153407	20	5 28.9	20.6
327748 2006 TQ_{55}	17.4	X	61.05500	205.96838	135.08913	6.09976	0.2413093	0.29511875	2.2342830	20	—	—
327749 2006 TA_{69}	17.0	X	358.78410	279.15293	59.24301	5.66369	0.1391463	0.28258249	2.2998837	20	10 24.8	19.1
327750 2006 TP_{70}	17.0	X	4.98069	267.52089	165.61191	12.55276	0.2976584	0.22358538	2.6884819	20	—	—
327751 2006 TP_{72}	17.0	X	27.11342	229.57904	73.53544	8.31958	0.1583238	0.28154827	2.3055125	20	10 25.3	19.6
327752 2006 TM_{75}	17.0	X	37.96067	275.31541	68.48298	8.30480	0.1613484	0.29006702	2.2601494	20	—	—
327753 2006 TX_{77}	17.9	X	86.59675	110.13049	202.30288	6.34138	0.2046485	0.29560634	2.2318254	20	—	—
327754 2006 TQ_{95}	17.6	X	39.88348	292.01177	18.98933	4.01476	0.2594032	0.28706679	2.2758698	20	12 4.0	20.8
327755 2006 TX_{123}	17.4	X	86.54712	231.56025	54.23372	6.07652	0.1648894	0.28883387	2.2665778	20	12 9.4	20.7
327756 2006 TP_{127}	17.5	X	169.84865	1.83794	74.02284	3.43766	0.0718304	0.25897134	2.4376326	20	5 27.5	20.9
327757 2006 UW_{7}	17.2	X	258.42040	314.94186	50.48796	5.88709	0.2472031	0.26529904	2.3987165	20	5 15.9	20.7
327758 2006 UV_{13}	17.4	X	204.91546	357.83425	59.76177	4.55584	0.1626354	0.26080771	2.4261767	20	6 7.8	21.2
327759 2006 UZ_{27}	17.7	X	106.95122	228.03981	214.49569	5.29578	0.1613115	0.24644999	2.5195144	20	4 1.7	21.0
327760 2006 US_{36}	17.1	X	19.69777	276.33968	224.72978	11.36686	0.2430077	0.23622739	2.5916870	20	1 20.1	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327761 2006 UL_{38}	17.3	X	52.47866	304.04276	35.10912	6.56913	0.1979393	0.29210741	2.2496122	20	—	—
327762 2006 UQ_{52}	17.3	X	166.11635	229.75464	216.40319	4.67016	0.0895579	0.26200058	2.4188070	20	6 6.7	20.8
327763 2006 UE_{53}	17.0	X	46.50941	198.55717	60.16773	7.45505	0.0878517	0.27081259	2.3660477	20	9 7.8	19.9
327764 2006 UL_{54}	14.8	X	286.49214	43.06921	297.53852	5.67385	0.3236957	0.12525894	3.9560664	20	5 5.7	20.6
327765 2006 UU_{68}	17.6	X	12.64637	276.63388	79.96141	4.32833	0.2535513	0.28799521	2.2709760	20	12 31.9	20.2
327766 2006 UC_{69}	17.4	X	21.91280	234.50655	106.18514	4.01071	0.1918598	0.28648372	2.2789568	20	12 12.8	20.0
327767 2006 UD_{78}	17.4	X	185.20136	68.42974	7.39671	4.82927	0.1070822	0.26151614	2.4217932	20	6 13.4	21.0
327768 2006 UC_{79}	17.6	X	70.19397	354.21895	291.51848	1.91225	0.2070000	0.28729866	2.2746451	20	11 26.9	21.1
327769 2006 UY_{84}	17.5	X	33.77079	271.31052	47.42200	7.92809	0.1357085	0.28143113	2.3061522	20	11 18.0	20.1
327770 2006 UF_{87}	17.1	X	332.09712	134.26206	227.13001	5.87932	0.1739951	0.27773092	2.3265902	20	10 2.9	18.8
327771 2006 UK_{91}	17.2	X	1.20938	142.88481	184.92249	5.48990	0.1872746	0.28101191	2.3084452	20	10 19.5	19.0
327772 2006 UH_{92}	17.5	X	82.16984	219.94415	47.84351	5.54570	0.1442598	0.28395038	2.2924916	20	11 10.0	20.6
327773 2006 UW_{107}	17.2	X	261.59888	301.40005	75.26101	4.17224	0.1393285	0.26554302	2.3972470	20	6 18.7	20.4
327774 2006 UT_{118}	17.9	X	120.21697	116.41750	42.01985	4.01814	0.0253254	0.26657756	2.3910408	20	7 15.9	20.9
327775 2006 UW_{128}	17.8	X	262.48500	127.04120	234.33558	1.07571	0.1590195	0.26520701	2.3992714	20	5 26.6	21.0
327776 2006 UV_{132}	17.5	X	33.11734	42.66742	215.15029	6.16943	0.1059006	0.26993335	2.3711827	20	8 11.6	20.2
327777 2006 UC_{149}	18.0	X	159.52096	302.05691	181.05716	1.31265	0.0462254	0.26623980	2.3930626	20	7 18.4	21.2
327778 2006 UV_{156}	17.4	X	57.24835	140.25424	172.65071	4.36087	0.1975778	0.29033828	2.2587414	20	12 18.7	20.6
327779 2006 UC_{175}	17.2	X	182.06639	18.06003	62.44427	4.20848	0.0984702	0.26453491	2.4033336	20	6 16.7	20.7
327780 2006 UL_{177}	17.5	X	316.54813	275.57294	85.07978	4.33226	0.1698983	0.27708291	2.3302162	20	8 29.3	19.3
327781 2006 US_{179}	17.5	X	47.31501	151.00316	178.76312	8.06806	0.2444420	0.29070576	2.2568375	20	—	—
327782 2006 UD_{181}	17.4	X	273.91215	263.21648	137.23065	6.68534	0.1206275	0.27283331	2.3543505	20	8 14.4	20.0
327783 2006 UJ_{182}	17.0	X	309.73891	218.37231	147.76204	4.68770	0.2265635	0.27511181	2.3413332	20	8 10.8	18.5
327784 2006 UW_{183}	17.1	X	284.96673	18.83614	341.48208	10.23857	0.2135081	0.27146092	2.3622789	20	6 15.8	20.1
327785 2006 UL_{184}	16.7	X	12.94576	40.38808	293.19754	6.77762	0.2153007	0.28240531	2.3008456	20	11 20.9	19.2
327786 2006 UO_{195}	17.2	X	168.37797	34.08632	34.17743	7.26664	0.0969518	0.25715509	2.4490969	20	5 15.1	20.7
327787 2006 UF_{196}	17.3	X	16.58604	235.56628	35.76704	4.16205	0.0531718	0.26812710	2.3818198	20	8 1.4	19.9
327788 2006 UT_{198}	17.3	X	68.31388	207.64741	215.47897	4.29017	0.1914399	0.23427197	2.6060885	20	1 15.5	19.9
327789 2006 UM_{220}	17.6	X	52.15607	339.14615	344.08521	5.26470	0.2219246	0.29180210	2.2511811	20	12 29.8	20.9
327790 2006 UH_{223}	16.6	X	77.01660	331.48190	317.06369	4.77901	0.1393882	0.28867355	2.2674170	20	12 1.0	19.8
327791 2006 UU_{227}	17.0	X	235.17518	189.72352	174.63585	8.71630	0.0559887	0.25990484	2.4317923	20	5 12.1	20.3
327792 2006 UD_{231}	17.4	X	274.33589	327.01446	60.07823	7.11839	0.1341121	0.27273661	2.3549070	20	7 25.4	20.2
327793 2006 UT_{253}	17.5	X	91.36893	129.06331	44.69564	8.03816	0.0823227	0.26112669	2.4242005	20	7 5.9	20.7
327794 2006 UB_{266}	15.5	X	345.29641	264.54769	241.22466	24.18622	0.4251359	0.22527574	2.6750163	20	—	—
327795 2006 UC_{280}	17.4	X	77.95297	278.18604	210.68758	4.72592	0.1052445	0.24792839	2.5094885	20	4 17.4	20.4
327796 2006 UU_{281}	17.2	X	52.46041	285.46699	211.52093	3.41333	0.2253022	0.24111983	2.5565096	20	4 5.7	19.5
327797 2006 UO_{282}	17.1	X	18.95183	232.30369	53.63502	7.74691	0.1106918	0.27188253	2.3598361	20	9 7.8	19.7
327798 2006 UY_{335}	16.8	X	41.55479	222.98469	58.48738	7.30801	0.1200124	0.27355019	2.3502354	20	10 7.8	19.7
327799 2006 UN_{337}	16.9	X	156.24714	27.05451	66.75921	5.72170	0.0946081	0.25894078	2.4378244	20	6 5.6	20.4
327800 2006 VU	17.4	X	301.36678	337.16467	9.56500	1.39613	0.2002232	0.27027893	2.3691611	20	6 25.7	19.7
327801 2006 VD_{5}	17.6	X	354.53254	109.81283	235.90973	4.24166	0.0892254	0.28620004	2.2804624	20	10 19.8	19.8
327802 2006 VM_{19}	17.0	X	165.65332	205.66264	253.47540	5.42043	0.0971530	0.25916386	2.4364252	20	6 23.5	20.5
327803 2006 VF_{22}	17.4	X	65.73300	174.74175	56.62322	4.93490	0.1079347	0.26700615	2.3884815	20	8 28.3	20.5
327804 2006 VH_{22}	17.2	X	24.04113	212.59239	55.88590	6.88693	0.1085147	0.26767457	2.3845035	20	8 18.9	19.8
327805 2006 VB_{25}	17.1	X	176.40846	14.14064	80.10029	3.17670	0.0375544	0.26111252	2.4242882	20	6 29.7	20.4
327806 2006 VD_{28}	16.5	X	322.02862	281.73526	251.30945	13.06035	0.0868492	0.23131699	2.6282360	20	—	—
327807 2006 VP_{29}	17.1	X	62.26650	76.26265	46.38780	4.75461	0.1758124	0.23988224	2.5652950	20	3 28.7	19.8
327808 2006 VX_{34}	17.4	X	39.45538	142.51206	49.67667	5.26453	0.0785002	0.25363710	2.4716911	20	5 13.2	20.0
327809 2006 VS_{38}	17.1	X	81.89011	333.43263	237.01964	5.09754	0.1208525	0.26598896	2.3945669	20	8 16.9	20.4
327810 2006 VG_{50}	16.7	X	317.64791	259.43280	58.28256	7.43423	0.1149927	0.26343894	2.4099946	20	6 24.2	19.2
327811 2006 VA_{51}	16.9	X	259.57323	76.22003	267.74534	3.79113	0.1710502	0.25736588	2.4477594	20	4 26.8	20.5
327812 2006 VG_{63}	17.2	X	254.34000	127.67821	238.29640	5.25420	0.1501681	0.26106107	2.4246067	20	5 24.3	20.4
327813 2006 VQ_{72}	16.9	X	254.60892	105.50068	240.86663	7.89678	0.0116809	0.25482860	2.4639805	20	5 16.7	20.0
327814 2006 VZ_{74}	16.6	X	65.07575	247.88926	240.70684	7.77476	0.1218207	0.24158229	2.5532460	20	3 28.1	19.7
327815 2006 VD_{81}	16.9	X	358.25489	65.21682	226.35563	8.16808	0.0104298	0.26422472	2.4052141	20	7 25.6	20.0
327816 2006 VW_{104}	16.8	X	43.39934	212.04765	40.87350	6.77712	0.1120331	0.26799887	2.3825795	20	8 28.5	19.6
327817 2006 VX_{132}	17.8	X	75.10650	109.84385	195.79132	3.26486	0.2415903	0.28915525	2.2648981	20	12 28.8	21.4
327818 2006 VZ_{151}	17.5	X	18.80281	213.20793	112.00568	1.97902	0.2379942	0.28318009	2.2966470	20	11 23.9	20.0
327819 2006 VJ_{152}	16.9	X	220.02206	62.24944	346.78463	5.71020	0.1119003	0.26180901	2.4199867	20	6 15.9	20.5
327820 2006 VF_{155}	17.2	X	111.41315	296.71760	132.61071	6.57991	0.1972296	0.24461827	2.5320763	20	3 29.5	20.8
327821 2006 VF_{171}	16.9	X	349.86925	64.21533	252.58567	5.33132	0.1193418	0.26894535	2.3769864	20	8 23.9	19.2
327822 2006 WU_{18}	17.0	X	265.02136	340.55969	38.14731	6.87672	0.1176788	0.26397828	2.4067109	20	6 30.0	20.1
327823 2006 WF_{22}	17.6	X	296.54017	218.47408	122.31655	4.41057	0.1841241	0.26557065	2.3970807	20	6 11.0	20.1
327824 2006 WF_{23}	17.3	X	39.15545	30.17352	95.36767	5.59528	0.1645622	0.23464924	2.6032944	20	2 17.3	19.8
327825 2006 WU_{24}	16.7	X	45.04947	301.80048	100.09322	6.14202	0.1678729	0.22393635	2.6856721	20	—	—
327826 2006 WY_{30}	17.7	X	172.82975	102.31350	358.60881	4.59493	0.0626108	0.26477348	2.4018897	20	7 5.1	21.0
327827 2006 WE_{42}	17.5	X	281.54048	189.84390	199.33109	5.86277	0.1070286	0.27081754	2.3660188	20	8 9.5	20.2
327828 2006 WM_{46}	17.3	X	176.39177	98.27193	349.84402	1.58865	0.0839474	0.25801269	2.4436669	20	6 20.8	20.6
327829 2006 WH_{48}	17.0	X	65.55913	62.75307	53.65374	7.73904	0.0963335	0.24012221	2.5635856	20	3 15.9	20.1
327830 2006 WV_{55}	16.5	X	317.67975	103.17524	105.84259	12.40534	0.1449381	0.22640078	2.6661471	20	1 22.0	19.9
327831 2006 WF_{61}	17.3	X	10.63715	241.51210	96.07929	5.60065	0.2048065	0.28312925	2.2969219	20	11 24.0	19.7
327832 2006 WU_{67}	16.8	X	115.00817	8.70131	75.76206	6.42221	0.2209083	0.24333729	2.5409548	20	4 24.4	20.6
327833 2006 WN_{68}	17.3	X	227.77619	172.19968	187.51293	4.41419	0.1014561	0.25265547	2.4780890	20	4 21.6	20.7
327834 2006 WT_{70}	17.2	X	21.98213	223.12080	38.90996	6.04042	0.0861560	0.26545049	2.3978041	20	7 31.8	19.8
327835 2006 WZ_{81}	17.2	X	94.47410	15.21786	46.32918	13.01965	0.1825475	0.23782011	2.5801028	20	3 1.4	20.7
327836 2006 WA_{82}	17.5	X	31.94120	3.87505	100.66940	3.44834	0.1698656	0.23050066	2.6344377	20	1 2.0	19.6
327837 2006 WE_{85}	17.1	X	96.03816	210.03945	216.92795	3.65899	0.1823375	0.23782050	2.5800999	20	3 1.7	20.5
327838 2006 WM_{86}	16.3	X	15.05403	215.23724	247.64314	8.44456	0.3055744	0.22530549	2.6747808	20	—	—
327839 2006 WC_{89}	15.7	X	59.69532	19.65445	87.13779	33.95071	0.1839139	0.23366818	2.6105760	20	3 22.4	19.6
327840 2006 WG_{95}	17.5	X	70.99445	276.86374	216.92653	5.20087	0.1739376	0.24453576	2.5326458	20	4 25.3	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327841 2006 WH_{106}	17.1	X	23.22765	110.59121	70.51678	8.22603	0.1571195	0.24312862	2.5424085	20	4 8.2	19.6
327842 2006 WQ_{125}	16.4	X	355.62186	101.87938	77.08455	13.73007	0.1928633	0.23504484	2.6003725	20	2 5.5	19.2
327843 2006 WS_{189}	16.2	X	13.54884	296.81890	214.20593	11.78611	0.2609218	0.23263518	2.6182983	20	1 19.4	18.6
327844 2006 WL_{192}	16.9	X	70.15822	31.19553	87.13451	14.59834	0.1800761	0.24012861	2.5635400	20	4 12.3	20.2
327845 2006 WC_{194}	17.0	X	155.08833	227.46219	167.49319	2.55640	0.1524591	0.24390307	2.5370238	20	3 24.4	20.8
327846 2006 WC_{199}	17.3	X	238.11523	269.60877	92.56522	2.47087	0.2120419	0.25682873	2.4511712	20	4 26.8	21.2
327847 2006 WQ_{202}	16.5	X	341.58775	229.47917	280.66080	7.00600	0.1516466	0.22226425	2.6991249	20	—	—
327848 2006 XN_{1}	17.8	X	350.25494	296.11363	25.91239	1.66122	0.1989229	0.27349638	2.3505437	20	9 14.1	19.4
327849 2006 XA_{8}	16.1	X	29.73692	62.60815	98.50243	8.15919	0.1972198	0.23830330	2.5766139	20	3 26.3	18.5
327850 2006 XC_{24}	16.8	X	59.47525	345.88853	128.18097	5.61717	0.2118586	0.23703066	2.5858284	20	3 17.8	19.4
327851 2006 XC_{43}	16.7	X	290.32736	249.76747	108.99705	3.29567	0.2257642	0.26177041	2.4202247	20	6 19.8	19.6
327852 2006 XN_{50}	16.8	X	250.48230	255.02621	113.31098	15.16728	0.1430003	0.25370856	2.4712270	20	5 27.8	20.6
327853 2006 XR_{50}	16.9	X	83.99877	315.94220	117.33811	8.43231	0.1825840	0.23220275	2.6215480	20	2 26.9	20.1
327854 2006 XK_{54}	16.4	X	39.42980	208.79484	256.86124	12.67406	0.2135742	0.23061324	2.6335803	20	1 17.5	18.8
327855 2006 XL_{55}	16.7	X	337.56065	221.34213	288.02286	10.30888	0.1308609	0.22091778	2.7100809	20	—	—
327856 2006 XU_{60}	16.9	X	13.73698	16.52808	87.44194	6.22751	0.3039310	0.22265085	2.6959995	20	—	—
327857 2006 XF_{65}	16.3	X	100.82258	357.63000	96.84572	15.83570	0.0419206	0.24303846	2.5430372	20	4 2.2	20.0
327858 2006 XN_{71}	17.2	X	324.72258	279.06989	267.01052	1.50897	0.0243048	0.22810137	2.6528791	20	1 18.6	20.7
327859 2006 YA_{4}	16.8	X	70.00571	24.58525	73.96335	13.47206	0.1130429	0.23450748	2.6043434	20	3 4.9	20.2
327860 2006 YX_{9}	17.1	X	95.01912	250.96713	210.47021	1.59906	0.1837260	0.24189037	2.5510776	20	4 16.4	20.4
327861 2006 YO_{10}	16.2	X	334.62342	55.93674	111.97595	22.59326	0.1657471	0.22401877	2.6850133	20	—	—
327862 2006 YM_{14}	16.9	X	63.36983	298.81735	181.63181	3.82077	0.1227147	0.23694373	2.5864608	20	3 17.7	19.8
327863 2006 YC_{20}	16.7	X	64.74912	89.37606	329.72551	11.79760	0.2705914	0.22827810	2.6515096	20	1 20.1	19.2
327864 2006 YV_{34}	16.7	X	353.04647	101.18614	66.94136	5.93880	0.1276027	0.22806125	2.6531902	20	1 23.9	19.7
327865 2006 YN_{35}	16.5	X	99.29167	309.28061	94.54990	14.05608	0.1827330	0.23062389	2.6334992	20	2 10.7	20.1
327866 2006 YV_{35}	16.3	X	282.24707	280.88896	318.23862	7.84714	0.0811680	0.22870640	2.6481983	20	1 25.2	19.9
327867 2006 YA_{50}	16.5	X	104.73423	118.54164	295.44465	13.06712	0.1478919	0.23171005	2.6252629	20	2 17.7	20.2
327868 2006 YB_{51}	16.1	X	88.09276	120.10875	319.28102	13.23387	0.1765314	0.24026450	2.5625734	20	3 3.5	19.3
327869 2006 YB_{52}	16.7	X	234.66202	159.18017	135.68449	10.50580	0.1436019	0.22528136	2.6749718	20	2 6.6	20.9
327870 2006 YL_{54}	17.0	X	26.09245	301.73429	147.13552	5.71962	0.1532269	0.22184741	2.7025048	20	—	—
327871 2007 AN_{3}	16.4	X	336.00798	145.80178	91.94463	5.23370	0.1935667	0.23810983	2.5780094	20	3 22.6	19.1
327872 2007 AR_{3}	17.1	X	86.82218	90.17910	2.20314	3.16689	0.1618294	0.23528855	2.5985766	20	3 21.5	20.4
327873 2007 AH_{7}	16.1	X	343.94509	216.94812	303.08061	10.87183	0.1734005	0.22278828	2.6948907	20	—	—
327874 2007 AQ_{12}	16.5	X	347.59874	62.16557	136.48094	5.88725	0.1312175	0.23274800	2.6174521	20	2 23.7	19.2
327875 2007 AJ_{17}	16.8	X	57.47448	299.11242	123.45197	9.93742	0.1682583	0.22366575	2.6878378	20	—	—
327876 2007 AO_{17}	16.4	X	346.93429	46.21168	125.18533	12.30397	0.2190528	0.22493867	2.6776880	20	1 4.6	19.3
327877 2007 AC_{18}	16.9	X	80.75336	20.16929	87.71159	3.12783	0.1351960	0.23640941	2.5903565	20	3 31.2	20.1
327878 2007 AY_{20}	17.0	X	302.19619	51.27066	133.58497	4.22159	0.1306495	0.21742412	2.7390349	20	—	—
327879 2007 AT_{27}	17.3	X	75.43307	284.66317	163.37133	2.99788	0.0865341	0.22975164	2.6401603	20	2 17.1	20.5
327880 2007 AB_{29}	16.6	X	267.44045	136.48862	141.35090	7.81726	0.0530787	0.23306923	2.6150466	20	2 28.5	20.2
327881 2007 AP_{30}	16.4	X	51.42191	163.65165	293.26782	6.24061	0.0081852	0.22459228	2.6804404	20	1 19.7	20.0
327882 2007 AE_{31}	16.6	X	226.71401	335.77947	330.51038	11.27413	0.1607787	0.22778555	2.6553306	20	2 12.8	20.8
327883 2007 BB_{5}	16.9	X	75.69982	3.54801	99.70133	5.42307	0.1421425	0.23444952	2.6047726	20	3 19.9	20.0
327884 2007 BX_{6}	16.1	X	341.98479	23.95029	138.31824	13.50520	0.1017588	0.22104598	2.7090330	20	1 2.8	19.6
327885 2007 BB_{34}	16.9	X	191.26043	237.93130	131.87434	1.22323	0.0797612	0.23989685	2.5651909	20	3 27.0	20.6
327886 2007 BF_{34}	17.4	X	129.24076	308.60404	126.23312	2.44654	0.1451619	0.24095718	2.5576599	20	4 17.7	21.1
327887 2007 BM_{35}	16.9	X	305.03220	158.31817	117.56239	13.59709	0.1389993	0.24033301	2.5620863	20	4 7.1	20.4
327888 2007 BD_{36}	17.2	X	153.30812	318.05547	94.99052	0.74331	0.0485353	0.24047026	2.5611114	20	4 6.6	20.7
327889 2007 BD_{38}	16.8	X	75.59556	155.32442	273.73991	4.96681	0.1911870	0.22988922	2.6391069	20	2 5.9	19.8
327890 2007 BP_{38}	16.2	X	72.52922	303.49348	132.17269	16.87315	0.1372508	0.22828584	2.6514497	20	2 3.9	19.1
327891 2007 BQ_{47}	16.8	X	322.71695	124.17368	24.05945	4.05376	0.0412537	0.21488894	2.7605355	20	—	—
327892 2007 BL_{49}	16.5	X	338.12703	233.38092	259.82279	7.09815	0.2356653	0.21766832	2.7369859	20	—	—
327893 2007 BC_{58}	16.4	X	62.74346	334.18573	133.20995	7.73991	0.1834726	0.23131405	2.6282583	20	3 10.5	19.2
327894 2007 BU_{58}	16.7	X	337.94723	314.31696	182.31059	3.21966	0.1397668	0.21669671	2.7451611	20	—	—
327895 2007 BO_{59}	17.0	X	105.89685	231.32026	203.23093	3.57697	0.1668684	0.23587053	2.5943004	20	3 22.9	20.4
327896 2007 BH_{63}	17.3	X	28.01471	320.04794	158.53691	2.20720	0.0533925	0.22418536	2.6836830	20	1 16.7	20.6
327897 2007 BH_{74}	16.2	X	313.17889	128.90038	114.88590	15.73221	0.1146343	0.23240003	2.6200642	20	3 9.8	19.7
327898 2007 BS_{88}	17.0	X	239.90279	270.52894	108.95968	4.02698	0.1916800	0.25376801	2.4708410	20	5 22.6	20.7
327899 2007 BH_{102}	16.5	X	352.01583	59.43426	74.57091	6.41313	0.0735354	0.21893751	2.7263981	20	—	—
327900 2007 CP_{27}	16.9	X	320.02647	86.74814	124.57091	7.15397	0.1795022	0.22782403	2.6550316	20	1 22.1	20.0
327901 2007 CQ_{31}	16.9	X	305.12686	35.85155	136.78952	6.06467	0.1530140	0.21641893	2.7475096	20	—	—
327902 2007 CX_{38}	16.7	X	101.99682	256.61862	141.17977	9.62358	0.1206058	0.22558983	2.6725327	20	1 25.3	20.1
327903 2007 CL_{39}	17.1	X	326.91333	25.99878	144.12591	7.45560	0.0681181	0.22116996	2.7080205	20	—	—
327904 2007 CZ_{50}	17.0	X	322.53108	213.29114	325.14320	3.14760	0.0251289	0.22286446	2.6942765	20	1 7.4	20.6
327905 2007 CX_{51}	16.9	X	36.12740	316.83067	101.81603	10.56715	0.3020820	0.22036706	2.7145943	20	—	—
327906 2007 CR_{56}	16.4	X	349.34038	8.32053	161.27642	13.47406	0.0910032	0.22420916	2.6834931	20	1 22.3	19.8
327907 2007 CQ_{58}	15.7	X	309.98807	101.21515	106.55804	14.66670	0.1153263	0.22203693	2.7009668	20	1 15.3	19.2
327908 2007 CV_{78}	16.7	X	22.60915	24.30421	94.83225	4.92507	0.0500482	0.22129239	2.7070217	20	1 10.8	20.1
327909 2007 CK_{79}	16.5	X	315.32973	63.19784	68.98075	8.60001	0.1710941	0.21184943	2.7868773	20	—	—
327910 2007 DU_{4}	17.2	X	77.62002	122.58459	297.95630	2.39786	0.0903078	0.22726555	2.6593795	20	1 16.5	20.4
327911 2007 DC_{12}	16.3	X	319.60056	110.08653	83.19342	6.47095	0.0820547	0.22304223	2.6928448	20	1 14.4	19.7
327912 2007 DQ_{12}	16.0	X	83.72904	304.26164	122.98448	14.58329	0.0655738	0.22213292	2.7001886	20	1 31.9	19.5
327913 2007 DA_{14}	17.3	X	71.22487	304.33095	146.10960	3.42126	0.1061112	0.23037588	2.6353889	20	2 16.9	20.4
327914 2007 DP_{21}	16.3	X	7.94763	294.71370	150.82384	9.34051	0.1145888	0.21166892	2.7884615	20	—	—
327915 2007 DH_{23}	15.9	X	220.75981	156.63695	159.84642	14.45277	0.1165279	0.22547013	2.6734786	20	2 19.7	20.2
327916 2007 DT_{24}	16.9	X	25.95205	86.41957	331.22432	7.16138	0.1920851	0.21221105	2.7837104	20	—	—
327917 2007 DJ_{25}	16.7	X	268.27815	74.28971	165.46248	6.42325	0.0495716	0.21952357	2.7215435	20	1 13.3	20.5
327918 2007 DZ_{26}	16.8	X	246.72538	151.41013	138.78333	6.65157	0.0300054	0.22521143	2.6755255	20	2 22.3	20.3
327919 2007 DX_{27}	16.1	X	128.65746	210.26026	92.84565	3.30380	0.0654436	0.20259664	2.8710972	20	—	—
327920 2007 DV_{29}	16.9	X	126.95075	196.92085	129.42242	2.32977	0.0251488	0.20801568	2.8210146	20	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
327921 2007 DX_{31}	16.3	X	88.39498	28.99671	354.40629	7.91022	0.2725238	0.21650382	2.7467913	20	1 15.5	19.7
327922 2007 DW_{36}	16.4	X	205.54822	346.98963	166.95245	15.93593	0.1807554	0.18893774	3.0078550	20	10 4.7	21.3
327923 2007 DN_{42}	16.6	X	178.51149	245.62931	123.39468	6.22076	0.2934048	0.24235244	2.5478340	20	3 20.7	21.3
327924 2007 DK_{43}	15.8	X	350.74777	320.14783	184.53244	9.12664	0.0782133	0.21937065	2.7228081	20	—	—
327925 2007 DK_{47}	16.2	X	296.11303	191.07752	341.57533	3.47192	0.0405785	0.21282522	2.7783524	20	—	—
327926 2007 DF_{49}	16.0	X	281.25648	169.60871	34.04546	17.41502	0.0801419	0.21289070	2.7777826	20	—	—
327927 2007 DH_{51}	16.0	X	92.23698	337.52375	329.70717	11.24723	0.0358803	0.19823255	2.9130822	20	12 12.8	20.4
327928 2007 DY_{59}	16.1	X	301.18820	15.24989	178.84143	13.14960	0.2248298	0.21359356	2.7716855	20	—	—
327929 2007 DU_{63}	17.1	X	108.68459	248.91239	145.15442	3.10350	0.1046194	0.22208009	2.7006168	20	1 27.7	20.7
327930 2007 DT_{67}	17.2	X	335.75896	74.01070	67.69431	1.25755	0.0406551	0.21377349	2.7701300	20	—	—
327931 2007 DK_{74}	16.7	X	111.75655	207.08831	165.84331	4.88836	0.0972582	0.21618414	2.7494985	20	1 4.8	20.4
327932 2007 DL_{78}	16.7	X	57.23451	296.89710	150.15710	14.26516	0.1306943	0.22534054	2.6745034	20	1 23.7	19.7
327933 2007 DW_{78}	16.8	X	179.55032	347.56086	356.45307	5.87755	0.0596090	0.22442809	2.6817477	20	2 12.8	20.6
327934 2007 DX_{90}	16.8	X	39.98555	135.29131	333.68904	5.63297	0.1000946	0.22356211	2.6886684	20	1 24.8	19.8
327935 2007 DV_{98}	16.8	X	324.38268	355.51001	148.50222	8.70182	0.1608000	0.21411335	2.7671979	20	—	—
327936 2007 DX_{110}	17.0	X	231.79569	296.31086	339.37088	5.30280	0.1884511	0.21693878	2.7431186	20	1 12.5	21.5
327937 2007 DE_{113}	16.5	X	20.59953	254.60994	189.39126	4.12924	0.0437567	0.21018380	2.8015813	20	—	—
327938 2007 EX_{5}	16.9	X	238.68150	290.57437	338.54646	2.64548	0.1569327	0.21685084	2.7438602	20	1 11.5	21.4
327939 2007 EY_{10}	16.6	X	29.66188	304.69935	165.42061	11.21963	0.1888600	0.22280292	2.6947726	20	1 6.5	19.3
327940 2007 EW_{13}	16.8	X	227.51839	28.41633	205.02271	1.24870	0.0596939	0.20587209	2.8405628	20	—	—
327941 2007 EQ_{14}	16.5	X	32.64916	299.03480	161.34353	12.96171	0.1070865	0.22069367	2.7119153	20	—	—
327942 2007 EX_{18}	16.2	X	247.68304	92.83850	165.15793	8.96331	0.0444547	0.22028361	2.7152798	20	1 12.2	20.1
327943 Xavierbarcons	16.5	X	125.38721	2.27353	350.28025	10.95660	0.0485759	0.21490008	2.7604401	20	—	—
327944 2007 EW_{29}	16.3	X	206.73338	345.35747	24.58230	7.29239	0.3257371	0.23523581	2.5989650	20	4 7.7	21.2
327945 2007 ED_{30}	16.4	X	27.86015	300.66938	158.90101	12.82703	0.1691545	0.21800297	2.7341842	20	—	—
327946 2007 EO_{37}	16.2	X	345.54659	340.46168	184.34083	11.78936	0.0701948	0.21820528	2.7324940	20	1 13.7	19.9
327947 2007 EJ_{38}	16.6	X	178.25793	128.79526	191.10363	6.27450	0.0513925	0.21397388	2.7684002	20	1 11.2	20.8
327948 2007 ET_{46}	15.8	X	217.05475	98.12847	2.52875	10.35859	0.0493388	0.17822103	3.1272559	20	8 24.2	20.4
327949 2007 EE_{54}	16.5	X	228.92492	0.33488	173.48729	2.75468	0.1307519	0.19242798	2.9713734	20	11 25.2	20.9
327950 2007 EW_{62}	16.2	X	81.88615	230.18506	154.74398	6.93682	0.0652155	0.21093522	2.7949238	20	—	—
327951 2007 EO_{72}	16.2	X	250.01763	98.28579	175.51314	12.33301	0.0731067	0.21769463	2.7367654	20	1 31.1	20.5
327952 2007 EP_{76}	16.6	X	33.36005	247.38437	195.62662	9.30617	0.1754583	0.21317707	2.7752944	20	—	—
327953 2007 EQ_{81}	17.3	X	173.23615	246.57152	114.60721	1.21813	0.1084736	0.22801104	2.6535797	20	2 28.2	21.3
327954 2007 ES_{104}	17.0	X	184.65350	298.21892	13.70712	4.12006	0.0555105	0.21458749	2.7631202	20	1 10.5	21.1
327955 2007 EC_{110}	16.4	X	264.75008	152.34535	46.01459	5.75395	0.1208680	0.20516596	2.8470768	20	—	—
327956 2007 EG_{132}	16.5	X	214.03860	170.50795	181.06411	13.58066	0.1814385	0.22784210	2.6548912	20	3 25.7	20.8
327957 2007 EN_{134}	16.7	X	356.23754	140.28712	323.64222	7.52807	0.1502755	0.21469943	2.7621597	20	—	—
327958 2007 EH_{139}	16.8	X	127.14397	353.31285	36.79665	5.75038	0.0283075	0.22051206	2.7134041	20	2 6.7	20.5
327959 2007 EQ_{146}	17.1	X	91.38095	288.81818	98.95789	3.36179	0.0737982	0.21295444	2.7772283	20	—	—
327960 2007 EF_{148}	16.7	X	224.13749	225.79571	42.28241	5.33182	0.0751236	0.21251506	2.7810550	20	—	—
327961 2007 EB_{149}	16.6	X	63.02697	5.98548	47.65098	5.00753	0.0626572	0.21224680	2.7833978	20	—	—
327962 2007 EJ_{151}	16.6	X	77.33559	1.23198	27.76765	5.30959	0.1239008	0.21143230	2.7905416	20	—	—
327963 2007 EP_{158}	16.8	X	178.04298	122.82768	184.33111	1.73125	0.0607865	0.21769994	2.7367209	20	—	—
327964 2007 EG_{159}	17.3	X	65.25217	280.28884	146.71724	2.64126	0.0974713	0.22169012	2.7037830	20	1 8.1	20.5
327965 2007 EV_{166}	16.1	X	272.42248	30.10187	189.84423	7.96124	0.1648270	0.21188851	2.7865346	20	—	—
327966 2007 EP_{189}	17.2	X	39.58044	249.97045	198.74921	3.78861	0.0348326	0.21540550	2.7561204	20	—	—
327967 2007 EH_{205}	16.4	X	83.10775	308.99092	58.24696	6.58888	0.0794267	0.20219263	2.8749205	20	—	—
327968 2007 EB_{210}	16.6	X	89.90464	316.38063	134.30788	5.67471	0.0553878	0.22957563	2.6415096	20	3 9.3	20.0
327969 2007 EA_{221}	16.5	X	109.38869	80.48271	192.71287	9.74788	0.0733844	0.18665743	3.0323026	20	11 23.5	21.1
327970 2007 FD_{7}	17.0	X	93.21432	221.64994	179.95149	6.13901	0.0155280	0.21493397	2.7601499	20	1 5.5	20.8
327971 2007 FH_{8}	16.9	X	359.64057	137.47681	344.70092	3.96033	0.0194913	0.21335803	2.7737249	20	—	—
327972 2007 FH_{15}	16.5	X	252.92346	13.55756	224.14500	7.24114	0.1564790	0.20958377	2.8069259	20	—	—
327973 2007 FM_{22}	16.1	X	231.53225	126.90559	182.82940	14.00669	0.1173113	0.22007437	2.7170006	20	2 20.9	20.5
327974 2007 FN_{26}	17.0	X	30.95590	76.63551	2.50579	4.14069	0.0428275	0.20915073	2.8107990	20	—	—
327975 2007 FJ_{30}	16.6	X	200.48437	84.44533	193.70075	6.00010	0.0140263	0.20853709	2.8163104	20	—	—
327976 2007 FP_{33}	16.8	X	236.27217	85.13861	181.66461	3.89581	0.0592401	0.21506886	2.7589957	20	1 10.4	20.9
327977 2007 FO_{34}	16.2	X	278.39351	186.91001	61.24838	6.48324	0.0397777	0.22125057	2.7073627	20	2 9.1	20.0
327978 2007 FS_{39}	16.0	X	237.51203	100.16423	160.78751	11.61336	0.1783643	0.21194654	2.7860260	20	—	—
327979 2007 FT_{45}	16.1	X	308.38270	65.76879	108.97364	15.14164	0.0686001	0.21193175	2.7861556	20	—	—
327980 2007 FX_{45}	15.9	X	1.83525	240.93458	157.35161	9.20607	0.0935200	0.18992473	2.9974253	20	12 18.1	19.8
327981 2007 FC_{47}	17.2	X	250.22261	108.45710	174.41368	10.26864	0.2251954	0.21735254	2.7396362	20	1 31.4	22.0
327982 Balducci	16.2	X	188.02324	129.26522	83.26932	9.77694	0.0966995	0.18938334	3.0031351	20	12 1.1	20.7
327983 2007 GD_{12}	16.2	X	255.90391	109.81415	161.91461	14.64413	0.1002008	0.21841132	2.7307753	20	2 1.9	20.3
327984 2007 GL_{20}	16.0	X	39.60759	319.07864	43.36128	9.27418	0.0628919	0.18724484	3.0259574	20	12 18.0	20.2
327985 2007 GY_{21}	16.3	X	95.21991	254.50500	46.11687	13.73178	0.0911924	0.18413667	3.0599138	20	12 9.0	21.0
327986 2007 GK_{22}	15.9	X	90.48121	250.28511	48.44285	10.40970	0.0817017	0.18282086	3.0745782	20	12 1.3	20.5
327987 2007 GP_{22}	16.5	X	353.68736	235.91135	210.77966	11.44768	0.0018446	0.19681202	2.9270826	20	—	—
327988 2007 GR_{22}	16.4	X	96.46653	107.12877	207.73211	6.61937	0.1521665	0.18672459	3.0315754	20	—	—
327989 2007 GC_{32}	16.0	X	64.32445	210.65848	156.74581	9.72355	0.0888039	0.19851120	2.9103555	20	—	—
327990 2007 GJ_{33}	16.9	X	182.28361	76.03904	187.21308	1.93103	0.1248015	0.19534722	2.9416967	20	—	—
327991 2007 GM_{38}	15.8	X	80.38477	170.20628	195.24880	11.18233	0.1333831	0.19827730	2.9126439	20	—	—
327992 2007 GK_{40}	15.4	X	95.14956	249.40559	42.87517	16.64487	0.0379637	0.18456821	3.0551424	20	11 23.5	19.9
327993 2007 GP_{42}	16.9	X	104.40631	247.86268	25.99842	0.45155	0.1576903	0.18106705	3.0943998	20	11 23.1	21.8
327994 2007 GQ_{48}	15.5	X	43.98063	319.54181	61.47678	10.41004	0.0854915	0.19093433	2.9868497	20	—	—
327995 2007 GV_{52}	16.0	X	165.41905	21.46175	203.51007	10.69256	0.0901172	0.18525948	3.0475378	20	11 23.1	20.8
327996 2007 GQ_{57}	15.9	X	74.26382	123.59399	193.14816	16.44825	0.2286761	0.18175807	3.0865519	20	12 20.9	21.1
327997 2007 GU_{59}	15.8	X	132.91002	255.01593	32.23897	11.18337	0.1092249	0.19010422	2.9955383	20	—	—
327998 2007 GG_{62}	16.2	X	122.36466	246.47471	12.99594	9.75522	0.0636006	0.18408498	3.0604866	20	11 16.1	20.9
327999 2007 GL_{64}	15.3	X	85.91683	14.12636	219.29234	9.83828	0.0300272	0.17030237	3.2234598	20	8 27.9	20.1
328000 2007 GW_{66}	16.2	X	291.37716	218.08229	226.11176	8.78535	0.0660935	0.18260180	3.0770368	20	10 31.2	20.2