Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348001 2003 SY_{213}	17.3	X	27.62517	51.54533	12.48854	3.20654	0.1884483	0.23097660	2.6308176	21	—	—
348002 2003 SE_{239}	17.3	X	29.72129	172.81474	213.87215	3.31531	0.0643714	0.22944081	2.6425443	21	—	—
348003 2003 SR_{246}	17.3	X	358.61919	332.55813	12.36823	3.01337	0.2164088	0.27468190	2.3437756	21	10 21.9	19.0
348004 2003 SL_{252}	15.5	X	34.96566	312.77596	49.01030	14.34964	0.2771869	0.22273141	2.6953494	21	—	—
348005 2003 SP_{255}	17.4	X	14.80805	12.91146	14.70909	8.51750	0.1726626	0.28055657	2.3109422	21	—	—
348006 2003 SG_{258}	16.5	X	85.08128	350.74002	15.67245	12.86281	0.1698052	0.23393574	2.6085850	21	—	—
348007 2003 SB_{266}	16.7	X	19.36899	181.17868	184.86791	5.27292	0.1709573	0.22435424	2.6823361	21	12 11.7	20.0
348008 2003 SE_{266}	16.6	X	24.32066	15.78915	12.90047	6.14114	0.1689941	0.22753131	2.6573082	21	—	—
348009 2003 SB_{276}	16.6	X	36.28281	132.02941	229.87220	5.43546	0.0815177	0.22519041	2.6756920	21	12 16.5	20.1
348010 2003 SJ_{278}	17.1	X	94.15801	6.91222	321.70719	6.16746	0.1506829	0.28613225	2.2808226	21	—	—
348011 2003 SX_{287}	16.3	X	68.11040	24.92450	350.57442	11.65412	0.2021160	0.23169104	2.6254065	21	—	—
348012 2003 SL_{288}	16.9	X	49.44315	275.25921	93.72446	3.53489	0.1556088	0.22942987	2.6426283	21	—	—
348013 2003 SO_{299}	17.2	X	19.79105	80.14116	309.93381	11.17005	0.3262338	0.22524195	2.6752838	21	—	—
348014 2003 SG_{304}	16.7	X	45.79097	346.56509	55.29111	5.17881	0.2294162	0.23145350	2.6272025	21	—	—
348015 2003 ST_{323}	15.8	X	128.80564	319.11392	346.86833	14.83669	0.1521205	0.18018865	3.1044483	21	—	—
348016 2003 SV_{325}	16.9	X	344.35282	260.39305	205.22078	5.38661	0.1409345	0.23372910	2.6101223	21	—	—
348017 2003 SL_{330}	17.7	X	33.14116	3.26927	36.01461	3.21684	0.0440698	0.23169959	2.6253419	21	—	—
348018 2003 SF_{334}	17.1	X	5.90685	126.88930	280.63611	1.96539	0.1034017	0.22603277	2.6690402	21	—	—
348019 2003 SQ_{335}	16.8	X	166.51551	176.81469	103.90628	6.57766	0.1293541	0.23486909	2.6016696	21	—	—
348020 2003 SE_{339}	17.2	X	355.12738	73.83931	37.65958	13.53669	0.2229181	0.23244763	2.6197065	21	—	—
348021 2003 SU_{372}	17.3	X	344.70685	146.70814	350.44339	4.47570	0.0900843	0.23939521	2.5687731	21	—	—
348022 2003 SA_{392}	16.8	X	92.70370	232.05426	108.05946	4.68868	0.0488132	0.23148907	2.6269333	21	—	—
348023 2003 SR_{427}	17.0	X	13.66810	75.03795	353.61431	3.77293	0.1504597	0.23218769	2.6216613	21	—	—
348024 2003 TX_{5}	16.6	X	53.96949	30.50196	9.21363	9.27524	0.1769311	0.23162990	2.6258685	21	—	—
348025 2003 TS_{6}	16.3	X	38.80806	298.06971	88.81677	8.82448	0.1704736	0.22997521	2.6384490	21	—	—
348026 2003 TV_{16}	16.3	X	29.24712	114.80830	215.20475	14.75226	0.2014979	0.22160031	2.7045134	21	11 13.5	19.5
348027 2003 TD_{50}	16.4	X	54.97846	333.51369	48.51688	14.63909	0.2686724	0.23136755	2.6278531	21	—	—
348028 2003 UD_{4}	16.7	X	12.41762	222.86802	237.53759	22.09119	0.2720960	0.28696823	2.2763909	21	—	—
348029 2003 UG_{4}	16.3	X	3.07370	201.68679	244.60712	13.32155	0.2253598	0.22877305	2.6476839	21	—	—
348030 2003 UK_{16}	16.4	X	47.91964	332.37695	41.03716	10.75103	0.2379430	0.22786971	2.6546767	21	—	—
348031 2003 UT_{18}	15.1	X	95.61250	227.09177	160.00485	10.61469	0.3081016	0.12489143	3.9638233	21	2 7.5	20.8
348032 2003 UM_{20}	17.2	X	30.29039	7.65830	15.08677	0.70206	0.1835535	0.22729302	2.6591652	21	—	—
348033 2003 UO_{22}	17.3	X	34.10365	185.27471	164.12600	6.59569	0.2285642	0.28006740	2.3136323	21	12 31.1	20.4
348034 Deslorieux	16.4	X	5.44071	9.88671	45.68151	14.80110	0.2406705	0.22448052	2.6813301	21	—	—
348035 2003 UV_{28}	16.4	X	154.80119	127.46906	223.48317	5.00463	0.2648885	0.18627860	3.0364123	21	2 5.0	21.5
348036 2003 UP_{36}	16.0	X	40.29937	176.11029	245.37962	13.61763	0.2277505	0.23184846	2.6242180	21	—	—
348037 2003 UV_{49}	16.0	X	76.42648	48.57771	350.67063	10.10480	0.2176857	0.17942852	3.1132099	21	1 6.3	19.8
348038 2003 UZ_{52}	16.3	X	29.49987	120.21753	283.59458	11.34658	0.1361927	0.22851368	2.6496871	21	—	—
348039 2003 UC_{78}	16.2	X	39.05812	161.70375	252.75383	9.53319	0.1523984	0.23116386	2.6293966	21	—	—
348040 2003 UV_{83}	16.8	X	19.25830	93.78455	293.45603	12.88428	0.2273677	0.22629955	2.6669421	21	—	—
348041 2003 UA_{93}	16.6	X	69.45115	97.51992	226.26728	11.91516	0.3085009	0.22721953	2.6597385	21	—	—
348042 2003 UO_{104}	16.4	X	324.20142	238.16287	219.39442	12.24800	0.2274586	0.22493584	2.6777105	21	—	—
348043 2003 UJ_{127}	16.6	X	3.70129	33.95777	40.73909	9.44339	0.1102237	0.22843211	2.6503178	21	—	—
348044 2003 UG_{138}	16.3	X	55.01771	319.63308	58.79779	5.70094	0.2330522	0.22856680	2.6492765	21	—	—
348045 2003 UP_{138}	16.6	X	28.75351	296.13048	93.35001	4.18525	0.1933646	0.22636831	2.6664020	21	—	—
348046 2003 UF_{144}	17.1	X	358.27447	14.44031	28.95372	6.89474	0.2939977	0.22236131	2.6983393	21	—	—
348047 2003 UM_{144}	16.7	X	24.95511	343.72559	53.62639	4.29028	0.1975386	0.22690065	2.6622299	21	—	—
348048 2003 UF_{149}	16.3	X	351.49583	250.33800	189.40284	11.88278	0.1464683	0.22777309	2.6554275	21	—	—
348049 2003 UO_{155}	16.8	X	47.02263	348.47512	52.92743	8.61641	0.1840110	0.23182431	2.6244002	21	—	—
348050 2003 UZ_{176}	16.0	X	15.69340	183.53133	273.95666	6.79023	0.1684514	0.17619814	3.1511458	21	—	—
348051 2003 UO_{184}	16.4	X	79.33197	140.60673	179.33059	6.81735	0.2394561	0.22726426	2.6593895	21	12 31.6	20.9
348052 2003 UH_{187}	17.2	X	338.48543	214.97373	121.12816	2.04559	0.1835361	0.26826979	2.3809752	21	8 12.8	19.0
348053 2003 UA_{206}	17.8	X	7.46731	186.77673	230.56237	4.53200	0.2784435	0.28122218	2.3072943	21	—	—
348054 2003 UD_{208}	16.4	X	75.60631	104.80965	221.89807	12.23322	0.2118517	0.22685721	2.6625697	21	—	—
348055 2003 US_{213}	16.4	X	112.47123	261.91011	25.81079	11.90122	0.0475098	0.22537022	2.6742686	21	12 8.9	20.4
348056 2003 UV_{228}	16.9	X	20.11471	168.24635	230.38639	13.28263	0.2467166	0.22554698	2.6728713	21	—	—
348057 2003 UR_{235}	15.9	X	327.22041	83.30579	12.20648	21.66261	0.0640827	0.22857222	2.6492346	21	—	—
348058 2003 UD_{236}	16.1	X	224.28988	343.39200	349.97529	8.94364	0.1080660	0.19613579	2.9338066	21	3 11.5	20.6
348059 2003 UM_{236}	16.5	X	357.50313	19.83345	59.96444	12.61080	0.1585399	0.22685877	2.6625575	21	—	—
348060 2003 UT_{257}	16.3	X	3.90567	289.21099	67.11011	9.84669	0.2281481	0.21867137	2.7286097	21	11 9.8	18.9
348061 2003 UR_{272}	16.4	X	38.36553	338.91038	56.05717	11.96519	0.1656783	0.22868968	2.6483274	21	—	—
348062 2003 UU_{274}	15.6	X	77.32817	267.17950	78.38028	14.05508	0.3424719	0.22973968	2.6402519	21	—	—
348063 2003 UJ_{276}	15.7	X	59.90328	28.11393	57.52037	18.51200	0.2598503	0.17989409	3.1078361	21	2 19.8	19.5
348064 2003 UK_{281}	16.4	X	40.22573	359.49975	54.01454	4.52036	0.1295270	0.22970926	2.6404851	21	—	—
348065 2003 UT_{295}	17.5	X	333.45426	58.80378	11.49259	3.44318	0.1626163	0.22378544	2.6868793	21	12 16.6	20.1
348066 2003 UV_{300}	16.3	X	318.51924	244.20861	223.79836	12.97163	0.0672709	0.22773346	2.6557355	21	—	—
348067 2003 UX_{314}	16.4	X	345.44728	60.75835	52.76709	13.78259	0.2235955	0.22925076	2.6440045	21	—	—
348068 2003 UY_{370}	16.9	X	141.83994	75.74295	274.32179	13.94966	0.1639954	0.24546261	2.5262664	21	1 5.2	20.5
348069 2003 UZ_{376}	16.4	X	10.76507	265.83507	190.40133	8.99461	0.0517763	0.23699773	2.5860679	21	—	—
348070 2003 UA_{412}	16.0	X	318.67303	7.95888	67.60871	26.91776	0.1079082	0.22064710	2.7122970	21	11 26.9	19.0
348071 2003 WP	15.7	X	91.61906	12.94972	61.95905	21.06256	0.1712925	0.18435808	3.0574634	21	3 16.6	20.3
348072 2003 WD_{11}	15.4	X	165.70309	14.34826	6.95831	10.74286	0.1013986	0.19107508	2.9853827	21	3 13.7	20.0
348073 2003 WN_{22}	16.7	X	36.83336	265.69145	97.72123	18.17234	0.3845245	0.22517093	2.6758463	21	—	—
348074 2003 WP_{26}	16.6	X	322.70744	217.34586	238.96274	22.76039	0.2533689	0.27671214	2.3322973	21	—	—
348075 2003 WD_{38}	16.0	X	13.42626	17.19091	28.08457	14.33194	0.0902607	0.22332508	2.6905706	21	—	—
348076 2003 WU_{39}	16.7	X	26.68752	100.34257	249.23467	11.39993	0.2954439	0.22245485	2.6975829	21	12 19.3	20.1
348077 2003 WK_{63}	16.7	X	325.98098	158.59937	249.85235	6.17980	0.2168533	0.21701287	2.7424942	21	10 25.6	19.1
348078 2003 WL_{64}	16.1	X	310.47819	57.52017	64.81407	13.79903	0.1175462	0.22370226	2.6875453	21	—	—
348079 2003 WH_{66}	16.8	X	17.50450	158.95752	307.74288	6.33593	0.2735625	0.22960762	2.6412642	21	—	—
348080 2003 WJ_{75}	17.1	X	348.32673	238.42471	205.66349	6.02281	0.2481815	0.22361848	2.6882166	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348081 2003 WK_{80}	16.3	X	329.77181	67.28054	35.00849	13.32452	0.0927516	0.22517614	2.6758050	21	—	—
348082 2003 WB_{84}	16.2	X	358.38653	107.73923	320.00837	11.83862	0.1576006	0.22583518	2.6705967	21	—	—
348083 2003 WG_{94}	16.1	X	310.53826	33.60506	7.94930	5.96719	0.0854005	0.21539957	2.7561710	21	9 28.3	19.4
348084 2003 WO_{94}	16.3	X	282.14789	118.56731	279.90390	3.18923	0.0738974	0.20975922	2.8053605	21	8 12.6	20.1
348085 2003 WF_{100}	15.8	X	39.09251	102.32584	258.16505	13.40212	0.3074540	0.22399319	2.6852177	21	—	—
348086 2003 WP_{101}	16.1	X	12.23615	284.31172	110.13942	14.66644	0.2107018	0.22405463	2.6847268	21	—	—
348087 2003 WC_{111}	16.5	X	1.59214	49.63164	42.71236	15.28189	0.0760345	0.22840504	2.6505272	21	—	—
348088 2003 WY_{115}	16.6	X	29.45896	345.52445	39.08184	8.39140	0.1922989	0.22389318	2.6860173	21	—	—
348089 2003 WG_{125}	15.5	X	22.78676	71.70402	283.38950	12.53719	0.2414055	0.21780822	2.7358138	21	12 11.7	18.9
348090 2003 WX_{138}	16.0	X	23.95924	311.26282	74.69627	11.84303	0.1196586	0.22147437	2.7055386	21	—	—
348091 2003 WZ_{154}	16.4	X	347.66505	329.64167	83.82100	16.50130	0.1250349	0.22117912	2.7079458	21	12 16.3	19.3
348092 2003 WO_{158}	16.8	X	8.61263	68.49196	25.33525	2.78497	0.1019264	0.23195907	2.6233837	21	—	—
348093 2003 WT_{159}	16.2	X	299.63793	242.30520	233.70369	26.62805	0.1380531	0.22219616	2.6996762	21	12 14.2	19.4
348094 2003 WT_{176}	17.0	X	12.00286	162.23314	227.89859	4.32059	0.0855188	0.22122895	2.7075391	21	12 18.9	20.4
348095 2003 WV_{193}	17.1	X	336.55312	174.16189	230.56078	3.76600	0.0744347	0.21740634	2.7391842	21	11 13.1	20.2
348096 2003 XH_{18}	16.2	X	21.62783	89.21702	289.50540	12.21152	0.3001809	0.22364772	2.6879823	21	—	—
348097 2003 XH_{19}	16.4	X	297.38096	139.60547	308.75142	12.59478	0.1665438	0.21386332	2.7693543	21	10 23.9	19.8
348098 2003 XN_{36}	16.4	X	29.80188	123.46882	279.95439	11.69666	0.1877958	0.22579759	2.6708931	21	—	—
348099 2003 YY_{4}	16.2	X	314.07732	2.73657	97.16827	14.11619	0.1512659	0.22075742	2.7113932	21	12 20.2	19.1
348100 2003 YQ_{10}	15.9	X	153.08037	15.75185	37.11424	7.54820	0.2720843	0.18979288	2.9988133	21	4 18.1	21.0
348101 2003 YL_{12}	16.4	X	0.47457	120.40608	308.57672	13.50585	0.0981087	0.22195998	2.7015910	21	—	—
348102 2003 YE_{28}	16.0	X	351.33410	9.79333	82.24281	14.25433	0.1439896	0.22504283	2.6768617	21	—	—
348103 2003 YN_{32}	16.2	X	4.74377	312.93963	95.08192	6.72079	0.1639013	0.22199383	2.7013163	21	—	—
348104 2003 YF_{38}	16.3	X	320.28955	80.80847	54.87753	9.91633	0.1470328	0.22698226	2.6615917	21	—	—
348105 2003 YK_{40}	16.8	X	300.87404	324.32793	102.99162	1.94671	0.0499046	0.20977558	2.8052146	21	10 21.6	20.5
348106 2003 YU_{44}	16.3	X	71.43153	238.44327	112.08038	7.03644	0.0377970	0.21804303	2.7338493	21	—	—
348107 2003 YH_{64}	16.6	X	347.96402	201.21167	280.46031	6.23851	0.2815722	0.22468786	2.6796802	21	—	—
348108 2003 YP_{68}	16.3	X	330.01109	347.68426	107.78301	11.09674	0.1495950	0.21840941	2.7307911	21	—	—
348109 2003 YY_{68}	16.2	X	337.90479	268.96253	128.19009	9.15973	0.2460108	0.21730950	2.7399980	21	11 13.1	18.6
348110 2003 YV_{112}	16.6	X	35.26175	353.19240	25.67755	4.75941	0.2296520	0.22374681	2.6871886	21	—	—
348111 2003 YC_{119}	16.9	X	348.97149	163.27543	316.75321	3.10183	0.2012097	0.22560505	2.6724126	21	—	—
348112 2003 YG_{128}	16.6	X	305.82925	106.28499	332.17387	11.65369	0.1659485	0.21314686	2.7755566	21	10 26.0	19.9
348113 2003 YB_{131}	16.6	X	356.75171	124.77956	299.96974	12.48567	0.2029638	0.22104230	2.7090631	21	—	—
348114 2003 YM_{138}	15.9	X	342.65417	135.82539	306.81990	21.19213	0.0640859	0.21896769	2.7261476	21	—	—
348115 2003 YA_{142}	16.5	X	304.70611	63.81975	14.96866	9.16906	0.1463948	0.21405192	2.7677273	21	10 30.7	19.7
348116 2003 YK_{148}	16.6	X	325.14238	49.77579	62.28688	12.12690	0.2720719	0.22041824	2.7141741	21	—	—
348117 2003 YJ_{154}	16.6	X	286.21111	112.08058	41.98473	10.68911	0.2770548	0.21677801	2.7444747	21	12 23.9	19.4
348118 2003 YH_{171}	15.9	X	109.70374	128.32187	333.52844	9.47694	0.0666594	0.18520547	3.0481302	21	4 9.7	20.3
348119 2003 YS_{172}	16.6	X	313.33374	332.35845	85.60588	10.19192	0.1619377	0.21220019	2.7838054	21	10 22.9	19.8
348120 2004 AY_{3}	16.1	X	223.38394	107.63565	104.15279	15.54165	0.0883539	0.21827040	2.7319504	21	—	—
348121 2004 AB_{24}	16.7	X	323.35037	9.96383	88.36157	5.06501	0.0508785	0.21758177	2.7377117	21	—	—
348122 2004 AD_{26}	16.4	X	36.80976	167.99879	217.10667	7.89241	0.2289292	0.22512961	2.6761738	21	—	—
348123 2004 BO	16.6	X	48.67897	265.80863	96.46024	10.19914	0.1750546	0.21890839	2.7266398	21	—	—
348124 2004 BY_{2}	16.5	X	25.78073	262.12442	321.16889	8.29078	0.1511927	0.24316296	2.5421691	21	5 24.5	19.2
348125 2004 BQ_{13}	16.1	X	329.80660	292.05678	110.60434	12.00272	0.2399661	0.21221221	2.7837003	21	11 1.3	18.7
348126 2004 BM_{16}	16.6	X	277.98153	33.53892	57.09012	10.07879	0.2311146	0.21118459	2.7927232	21	9 27.4	20.3
348127 2004 BG_{30}	16.2	X	221.97321	236.77752	323.63195	14.39539	0.2298003	0.21121961	2.7924146	21	12 2.0	20.8
348128 2004 BN_{34}	16.4	X	348.99803	348.71210	65.71233	3.55377	0.0862454	0.21450140	2.7638595	21	12 14.8	19.6
348129 2004 BZ_{39}	17.0	X	253.94409	16.38316	111.07628	3.51214	0.0891573	0.21065806	2.7973748	21	10 30.7	20.8
348130 2004 BV_{80}	16.3	X	214.24107	278.80410	308.93086	11.09976	0.1561220	0.21586552	2.7522034	21	—	—
348131 2004 BG_{89}	16.2	X	244.89457	252.15632	304.70992	20.65438	0.2537199	0.21384567	2.7695066	21	12 23.1	20.3
348132 2004 BU_{91}	16.0	X	323.52845	316.45385	276.60420	10.55544	0.1284101	0.23396076	2.6083991	21	2 14.6	19.6
348133 2004 BD_{97}	16.7	X	341.19711	312.03133	131.32193	4.80250	0.2245255	0.21783565	2.7355841	21	—	—
348134 2004 BD_{106}	16.6	X	318.28900	33.23996	75.07645	4.43177	0.1566650	0.21755670	2.7379220	21	—	—
348135 2004 BW_{110}	15.5	X	256.71355	194.69888	316.48114	13.77022	0.1691583	0.21304597	2.7764328	21	11 16.3	19.5
348136 2004 BJ_{133}	16.0	X	308.75383	9.93557	107.78118	15.74327	0.1310903	0.21710315	2.7417339	21	—	—
348137 2004 BF_{137}	17.0	X	322.67910	7.06176	83.31548	3.09441	0.1139422	0.21597168	2.7513015	21	12 21.4	20.2
348138 2004 BM_{142}	16.5	X	320.57146	31.25358	55.24443	12.84988	0.1972722	0.21630304	2.7484909	21	12 9.5	19.2
348139 2004 BG_{162}	16.1	X	307.00950	24.37246	62.29358	6.16780	0.1425789	0.21222821	2.7835604	21	11 17.0	19.1
348140 2004 CH_{17}	15.5	X	197.04434	45.44276	129.71991	15.79484	0.0804336	0.20471344	2.8512709	21	10 29.2	20.0
348141 2004 CO_{20}	16.7	X	219.13529	76.45307	62.63080	2.93070	0.0104200	0.20501828	2.8484438	21	10 11.7	20.7
348142 2004 CD_{57}	16.2	X	156.40710	60.17371	98.49872	17.42549	0.1315314	0.19625470	2.9326214	21	8 25.3	21.1
348143 2004 CF_{83}	16.6	X	305.32267	180.74024	331.87028	1.22708	0.0975664	0.21884455	2.7271701	21	—	—
348144 2004 CG_{84}	16.4	X	305.14581	340.57655	127.90230	9.48996	0.2455002	0.21413485	2.7670127	21	12 5.7	19.0
348145 2004 CH_{85}	17.2	X	219.94485	242.15849	314.08913	4.38698	0.1654612	0.26778310	2.3838592	21	12 13.3	20.4
348146 2004 CZ_{86}	15.8	X	195.72918	33.81955	336.76187	8.77312	0.1455715	0.18379969	3.0636527	21	3 27.0	20.8
348147 2004 CW_{126}	17.4	X	326.40125	25.58340	348.80998	1.20169	0.0773230	0.31562915	2.1364102	21	9 30.5	19.2
348148 2004 DG_{28}	16.6	X	64.02442	310.07851	115.16070	3.64088	0.0517133	0.22714382	2.6603295	21	—	—
348149 2004 DH_{42}	16.3	X	282.22602	33.47225	97.33544	14.68401	0.1453679	0.21163492	2.7887601	21	12 5.9	19.7
348150 2004 DP_{57}	14.6	X	38.22437	31.92635	136.99072	4.54009	0.0607199	0.12246789	4.0159463	21	4 11.9	20.0
348151 2004 FS_{18}	18.2	X	257.74676	237.43311	23.54483	3.63008	0.1907030	0.27584987	2.3371551	21	—	—
348152 2004 FO_{128}	15.5	X	248.77793	16.70792	126.09121	16.13610	0.0840080	0.20451388	2.8531254	21	11 16.5	19.8
348153 2004 GO_{9}	17.2	X	17.24015	183.07171	18.01102	7.82147	0.0432895	0.28846481	2.2685106	21	3 31.0	19.5
348154 2004 GP_{11}	15.5	X	350.01444	118.66155	113.29258	26.39358	0.1944088	0.17483860	3.1674602	21	4 17.0	19.7
348155 2004 GU_{16}	15.5	X	335.62301	172.30982	66.36036	17.64472	0.1881386	0.17094003	3.2154384	21	3 29.6	19.7
348156 2004 GE_{58}	15.7	X	185.65753	15.49006	37.95476	11.10400	0.0355110	0.17786853	3.1313863	21	5 9.2	20.2
348157 2004 GR_{77}	15.2	X	70.64611	70.55369	97.66372	17.37363	0.1865316	0.17860955	3.1227192	21	6 7.4	19.4
348158 2004 HT_{1}	16.3	X	301.21103	224.30312	59.89461	12.76220	0.1843404	0.22865151	2.6486221	21	3 27.7	20.1
348159 2004 HN_{25}	17.2	X	218.50566	117.95988	77.56082	2.21281	0.1310423	0.26175679	2.4203086	21	12 14.3	20.3
348160 2004 HF_{37}	17.6	X	39.77206	187.21395	50.46431	6.58633	0.1571429	0.29450353	2.2373936	21	7 20.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348161 2004 HJ_{45}	16.4	X	108.48147	341.89429	222.48392	4.72430	0.1045138	0.18723625	3.0260499	21	8 23.7	21.0
348162 2004 HN_{55}	16.2	X	52.91047	121.73318	106.28940	9.27566	0.2198026	0.18211277	3.0825428	21	8 3.9	20.1
348163 2004 HN_{62}	17.3	X	259.46991	185.69492	117.16092	10.18550	0.2281393	0.27833376	2.3232296	21	2 21.2	21.1
348164 2004 HY_{63}	15.4	X	354.51903	169.50371	91.25918	18.86221	0.1613277	0.17498046	3.1657481	21	5 27.9	19.1
348165 2004 JX_{7}	15.8	X	316.50212	229.29509	50.71649	10.20232	0.0367583	0.17472813	3.1687952	21	5 3.1	20.2
348166 2004 JM_{16}	15.4	X	329.36839	226.47475	66.85995	16.66636	0.0425287	0.17734554	3.1375395	21	6 4.4	19.7
348167 2004 JS_{29}	17.3	X	348.31466	40.21901	222.44564	7.87466	0.1663468	0.28893828	2.2660318	21	4 30.8	19.0
348168 2004 JT_{29}	17.9	X	303.02667	166.64652	108.74470	2.50878	0.2065733	0.28282730	2.2985564	21	3 1.6	20.9
348169 2004 JQ_{30}	17.2	X	261.11000	66.93148	238.72197	21.90061	0.2095629	0.27885204	2.3203500	21	2 15.3	21.4
348170 2004 JJ_{33}	18.0	X	264.33249	196.09633	84.12807	6.39747	0.2191343	0.27697373	2.3308285	21	1 28.5	21.7
348171 2004 LE_{28}	15.4	X	49.34518	21.56501	291.92043	23.07387	0.2421396	0.18144956	3.0900495	21	11 13.9	20.1
348172 2004 MY_{7}	17.9	X	234.41184	198.18412	107.90273	3.42164	0.2330830	0.27153014	2.3618774	21	2 4.0	22.0
348173 2004 NE_{7}	15.2	X	23.18496	41.54168	291.43486	9.14388	0.2270503	0.17795950	3.1303190	21	10 29.6	19.1
348174 2004 NO_{7}	15.6	X	48.47654	156.98789	152.82778	13.53256	0.2617278	0.18172206	3.0869596	21	11 18.8	20.1
348175 2004 NU_{10}	17.6	X	186.03858	0.98078	322.47568	4.50851	0.2562155	0.26471522	2.4022421	21	1 20.4	21.6
348176 2004 NQ_{22}	17.3	X	280.13992	9.72428	273.08840	4.82556	0.2283652	0.27497361	2.3421177	21	2 11.2	21.0
348177 2004 NA_{33}	17.3	X	300.98241	34.04076	232.05209	5.13023	0.2101511	0.27687737	2.3313693	21	2 12.2	20.7
348178 2004 OW_{9}	16.5	X	264.91053	302.29992	351.45849	6.20159	0.1035481	0.27493550	2.3423341	21	2 23.9	19.8
348179 2004 OB_{13}	17.2	X	327.89694	321.53437	357.01717	23.78144	0.2016168	0.28579207	2.2826322	21	6 9.6	20.0
348180 2004 PO_{10}	17.4	X	255.54939	98.35151	219.22549	4.07959	0.2571282	0.27409587	2.3471151	21	3 2.9	21.4
348181 2004 PC_{29}	17.2	X	172.19748	186.35647	171.44540	10.53120	0.1819987	0.26387775	2.4073221	21	2 12.7	21.1
348182 2004 PU_{29}	17.3	X	166.36331	34.03076	335.39620	11.15813	0.2144374	0.26410001	2.4059713	21	2 25.4	20.9
348183 2004 PZ_{30}	17.0	X	174.43952	55.52589	321.55561	11.41753	0.1727231	0.26803026	2.3823935	21	3 7.7	20.7
348184 2004 PZ_{32}	16.4	X	229.44720	340.95076	359.15653	6.50297	0.1884794	0.27251547	2.3561808	21	3 14.1	20.2
348185 2004 PR_{46}	17.0	X	176.75374	242.79774	154.23855	11.33697	0.2470976	0.26944813	2.3740285	21	4 13.8	21.1
348186 2004 PE_{54}	17.4	X	150.52521	157.34337	210.65344	2.27042	0.2395801	0.26180426	2.4200160	21	2 11.1	21.1
348187 2004 PZ_{57}	16.8	X	202.34643	67.84839	291.87519	5.59763	0.1964821	0.27011949	2.3700932	21	3 12.2	20.8
348188 2004 PT_{58}	17.1	X	214.51555	54.93975	309.47698	6.76278	0.1307708	0.27316454	2.3524469	21	3 28.3	20.7
348189 2004 PP_{62}	17.2	X	167.50241	162.02865	240.68548	1.70331	0.2090371	0.27096400	2.3651661	21	4 7.3	20.9
348190 2004 PS_{73}	15.5	X	0.67598	36.39775	327.78230	28.22359	0.3238773	0.17795705	3.1303477	21	10 26.6	19.1
348191 2004 PX_{73}	17.3	X	255.91123	299.75071	347.49961	3.86164	0.1919297	0.27064954	2.3669978	21	1 31.9	21.1
348192 2004 PP_{88}	17.4	X	345.86931	86.81763	267.59337	4.07804	0.2022007	0.29048898	2.2579602	21	10 5.7	18.8
348193 2004 PE_{115}	17.5	X	276.77307	62.69756	210.09283	1.90025	0.2016517	0.27297308	2.3535468	21	1 30.4	21.1
348194 2004 QG_{10}	15.8	X	26.34940	253.04850	117.15351	11.02770	0.1871722	0.18262274	3.0768015	21	12 19.9	19.8
348195 2004 QV_{18}	17.8	X	85.97675	293.70595	14.91495	2.59037	0.1896224	0.30291492	2.1957806	21	—	—
348196 2004 QA_{19}	16.1	X	344.29610	3.31137	310.99893	17.74422	0.2583520	0.22634730	2.6665670	21	7 15.7	18.1
348197 2004 QP_{26}	16.7	X	188.64481	290.22965	77.21292	8.04540	0.1449824	0.26624111	2.3930548	21	3 15.7	20.5
348198 2004 RZ_{26}	17.6	X	233.66539	219.41211	83.23608	3.57396	0.2059170	0.26806917	2.3821630	21	1 31.6	21.5
348199 2004 RC_{27}	18.0	X	90.80529	317.71417	99.31108	2.48208	0.1819149	0.25804205	2.4434815	21	1 24.7	20.5
348200 2004 RX_{31}	17.3	X	155.68997	27.25951	354.31690	10.25451	0.2229860	0.26445877	2.4037948	21	3 4.8	21.1
348201 2004 RZ_{31}	17.2	X	128.61170	47.87652	6.83644	4.83303	0.2276166	0.26350923	2.4095660	21	3 19.8	20.5
348202 2004 RO_{37}	17.5	X	236.66074	242.01798	58.13927	3.53318	0.2114768	0.26825224	2.3810790	21	1 31.1	21.5
348203 2004 RO_{38}	17.4	X	277.62356	23.41964	240.12510	0.50557	0.1490047	0.26897582	2.3768069	21	1 25.5	21.0
348204 2004 RZ_{39}	16.6	X	121.47289	169.24500	237.91273	11.78952	0.2314319	0.26114237	2.4241035	21	2 24.9	20.3
348205 2004 RP_{42}	17.3	X	31.52797	14.11964	327.91424	2.83041	0.1985787	0.23829860	2.5766477	21	12 4.4	20.4
348206 2004 RU_{42}	16.7	X	137.25981	210.85809	168.88459	11.06107	0.2031650	0.26109358	2.4244055	21	2 7.7	20.2
348207 2004 RG_{54}	16.7	X	258.74966	287.40840	86.93035	3.68942	0.1985907	0.22055332	2.7130657	21	5 26.7	20.7
348208 2004 RL_{60}	17.7	X	170.89076	88.83423	277.47586	1.25585	0.2213193	0.26391493	2.4070960	21	2 25.6	21.4
348209 2004 RY_{64}	16.0	X	352.00040	198.14441	172.23334	15.65401	0.2721239	0.17537509	3.1609972	21	10 28.4	19.0
348210 2004 RX_{65}	17.6	X	207.06598	234.04571	65.73697	2.25039	0.1870554	0.26325528	2.4111154	21	1 6.1	21.3
348211 2004 RM_{69}	16.9	X	124.95749	316.37538	72.08017	3.16851	0.2088261	0.25804848	2.4434409	21	2 9.1	20.1
348212 2004 RC_{75}	16.6	X	150.51763	3.09170	22.90557	7.22406	0.2044995	0.26189964	2.4194284	21	3 5.5	20.3
348213 2004 RT_{80}	17.7	X	179.40311	314.70540	17.82693	1.46297	0.1912401	0.26157959	2.4214016	21	1 22.3	21.5
348214 2004 RO_{82}	17.5	X	173.94078	14.44109	0.11856	0.90698	0.1929185	0.26529342	2.3987504	21	3 9.1	21.2
348215 2004 RQ_{94}	17.2	X	216.24917	82.30130	236.57930	6.01237	0.1505914	0.26653754	2.3912802	21	2 2.7	21.1
348216 2004 RK_{97}	15.7	X	248.03547	39.88879	259.81376	7.84483	0.1295228	0.20891565	2.8129072	21	2 16.4	20.2
348217 2004 RQ_{100}	16.5	X	341.64814	57.86578	334.28760	11.86971	0.0786481	0.23730605	2.5838274	21	11 2.5	19.7
348218 2004 RT_{111}	16.8	X	163.74569	72.97419	268.09621	14.46045	0.2573264	0.25996894	2.4313925	21	1 20.5	20.9
348219 2004 RE_{130}	17.3	X	67.08317	337.60440	164.99238	7.23015	0.1238433	0.26978114	2.3720745	21	4 8.2	19.7
348220 2004 RT_{148}	17.7	X	249.72056	174.42176	167.13572	6.86026	0.1375388	0.27424139	2.3462847	21	4 8.4	21.0
348221 2004 RU_{163}	17.3	X	175.00360	10.19587	2.82503	4.77352	0.2019778	0.26341108	2.4101645	21	3 9.5	21.0
348222 2004 RH_{170}	17.0	X	230.68590	42.68519	260.14224	4.69946	0.0915967	0.26444088	2.4039032	21	1 29.5	20.5
348223 2004 RD_{185}	16.7	X	226.44509	41.59039	267.08974	5.84953	0.1239487	0.26526423	2.3989264	21	1 31.6	20.4
348224 2004 RE_{189}	16.7	X	230.89455	7.59494	316.16559	6.44795	0.0990451	0.26689983	2.3891157	21	2 24.7	20.3
348225 2004 RF_{193}	16.8	X	233.33659	44.66249	283.87711	6.22474	0.2386786	0.26843292	2.3800105	21	2 27.0	20.9
348226 2004 RO_{221}	16.0	X	287.78468	100.71031	209.47488	24.09880	0.1848634	0.21830264	2.7316815	21	4 6.8	19.9
348227 2004 RQ_{231}	17.4	X	213.90668	358.28069	295.55884	0.43937	0.1885365	0.25966700	2.4332769	21	1 5.2	21.5
348228 2004 RY_{246}	17.8	X	108.61065	107.47835	326.26194	20.36439	0.0730912	0.37959030	1.8891190	21	2 2.8	19.3
348229 2004 RS_{262}	17.2	X	322.61421	205.50929	350.62603	3.97887	0.1364425	0.26238595	2.4164380	21	—	—
348230 2004 RO_{314}	17.2	X	112.42722	21.17489	39.27279	1.54725	0.1910690	0.26025727	2.4295964	21	3 3.9	20.2
348231 2004 RT_{317}	17.2	X	243.09072	83.06632	211.20360	7.29078	0.1256615	0.26688641	2.3891958	21	1 29.0	20.9
348232 2004 RR_{319}	17.5	X	174.18485	100.66281	248.70945	5.65002	0.1600851	0.26307143	2.4122386	21	2 2.1	21.3
348233 2004 RU_{335}	17.4	X	152.78985	162.53050	222.01542	3.76788	0.2343167	0.26096120	2.4252253	21	3 4.4	21.3
348234 2004 RW_{336}	17.8	X	107.32478	80.75417	0.54951	5.29011	0.1687219	0.26051831	2.4279732	21	3 21.1	20.7
348235 2004 RR_{337}	17.7	X	154.96245	148.03174	191.99448	2.15688	0.2173697	0.25648898	2.4533353	21	1 11.0	21.4
348236 2004 SE_{5}	15.6	X	353.63980	56.62137	281.80255	4.51138	0.1207710	0.17167915	3.2062029	21	9 4.8	19.4
348237 2004 SW_{13}	16.8	X	298.13343	232.84899	23.00792	6.69410	0.0258445	0.26780797	2.3837117	21	2 27.8	19.8
348238 2004 SL_{18}	16.3	X	307.29340	231.14368	102.29817	9.64667	0.2317924	0.22333220	2.6905133	21	5 29.2	19.6
348239 Societadante	15.7	X	70.82358	269.40542	78.84823	11.41452	0.1458851	0.18420393	3.0591689	21	—	—
348240 2004 SE_{31}	17.3	X	230.21437	319.70893	21.01419	6.51009	0.1874458	0.26945685	2.3739773	21	3 17.2	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348241 2004 SB_{33}	16.8	X	46.75644	285.29781	39.07003	5.80164	0.2809098	0.23815484	2.5776846	21	12 12.5	20.4
348242 2004 SH_{45}	17.4	X	7.05273	122.28289	202.30937	6.01456	0.2858621	0.23252196	2.6191481	21	10 10.1	19.4
348243 2004 SL_{50}	17.7	X	256.75627	251.53597	160.44017	2.34199	0.1947173	0.28168245	2.3047802	21	7 12.6	20.9
348244 2004 SC_{51}	17.2	X	180.23985	311.93256	6.36377	5.88774	0.2064086	0.25816148	2.4427279	21	1 7.9	21.1
348245 2004 SA_{57}	17.5	X	133.54531	299.47081	95.27701	3.15163	0.2348094	0.26019783	2.4299664	21	3 1.8	21.0
348246 2004 TL_{2}	17.3	X	139.43017	271.81396	129.47124	1.88802	0.1777579	0.26175676	2.4203088	21	3 8.6	20.6
348247 2004 TS_{7}	16.4	X	252.04384	268.80719	79.30251	8.30010	0.2777219	0.21681779	2.7441390	21	4 14.5	21.2
348248 2004 TJ_{11}	17.8	X	152.94030	178.90187	225.52038	21.01395	0.0591724	0.38146850	1.8829130	21	2 11.7	20.4
348249 2004 TO_{11}	17.2	X	113.38503	12.37369	41.37051	21.95958	0.1273574	0.37539950	1.9031525	21	1 23.1	19.3
348250 2004 TO_{51}	16.7	X	0.57005	112.13348	245.03332	2.09649	0.2845012	0.23244555	2.6197221	21	11 14.3	18.6
348251 2004 TP_{71}	17.2	X	241.62394	60.09307	228.88041	2.31939	0.0490810	0.26124657	2.4234589	21	1 26.6	20.4
348252 2004 TU_{83}	17.5	X	148.05461	349.30929	350.95248	2.31894	0.2167189	0.25605768	2.4560894	21	1 5.1	21.1
348253 2004 TT_{97}	17.8	X	146.60739	165.18561	172.83013	1.23321	0.1938290	0.25433962	2.4671376	21	—	—
348254 2004 TR_{102}	17.0	X	95.23882	69.72607	343.77474	2.06697	0.1876971	0.25389748	2.4700010	21	1 29.3	19.5
348255 2004 TS_{106}	17.3	X	101.24858	19.69950	23.96748	2.88342	0.1671635	0.25558901	2.4590910	21	1 21.9	20.0
348256 2004 TY_{113}	16.2	X	311.49101	154.78891	218.27185	9.67376	0.1672990	0.22477645	2.6789762	21	8 6.9	19.4
348257 2004 TA_{123}	17.4	X	212.31556	311.52351	35.94675	2.27555	0.2050982	0.26757464	2.3850972	21	3 9.4	21.2
348258 2004 TW_{129}	16.5	X	83.82027	347.57437	40.71979	7.35036	0.1153289	0.25159906	2.4850209	21	—	—
348259 2004 TF_{162}	14.7	X	38.87411	357.02074	39.20661	14.56505	0.1993590	0.12467661	3.9683753	21	—	—
348260 2004 TL_{173}	15.5	X	236.64576	193.37730	239.38305	15.12659	0.1197276	0.21977871	2.7194368	21	7 21.1	19.8
348261 2004 TO_{177}	17.0	X	196.39470	157.30550	201.19440	6.07748	0.1615209	0.26411915	2.4058551	21	3 6.6	21.0
348262 2004 TS_{189}	17.4	X	185.92660	278.10845	33.30062	0.34781	0.2192575	0.25866012	2.4395875	21	1 4.4	21.4
348263 2004 TL_{199}	16.3	X	55.16314	303.62095	58.51679	2.65439	0.3048744	0.18308943	3.0715709	21	—	—
348264 2004 TT_{217}	17.9	X	83.04202	223.90793	217.74570	0.81708	0.1559186	0.25771084	2.4455747	21	2 10.7	20.4
348265 2004 TG_{221}	16.2	X	247.89695	204.67790	118.37427	9.00897	0.2267778	0.21144016	2.7904723	21	3 16.0	21.0
348266 2004 TV_{295}	17.6	X	236.13260	357.29583	28.96540	3.46244	0.1997009	0.27321246	2.3521718	21	5 16.4	21.1
348267 2004 TN_{307}	16.9	X	12.42959	152.08960	285.69376	5.32194	0.1954297	0.24424915	2.5346267	21	—	—
348268 2004 TZ_{322}	17.6	X	208.92429	56.81004	34.89937	5.35943	0.2100790	0.27519859	2.3408410	21	7 17.0	21.4
348269 2004 TY_{327}	16.7	X	28.85614	13.61434	327.65834	13.81537	0.1424878	0.23554141	2.5967165	21	11 15.8	20.2
348270 2004 TS_{340}	16.1	X	127.20083	294.88298	105.90789	12.79014	0.0936611	0.25782673	2.4448418	21	2 12.7	19.4
348271 2004 TZ_{345}	15.7	X	307.13174	210.67596	238.91234	9.73950	0.2337458	0.17612173	3.1520572	21	10 31.9	19.3
348272 2004 TC_{348}	18.2	X	115.68932	128.74505	259.03504	0.50853	0.1918272	0.25839132	2.4412791	21	1 23.5	21.2
348273 2004 VK_{6}	16.4	X	90.40535	353.09256	62.93697	8.65469	0.1152947	0.25246235	2.4793526	21	1 15.1	19.3
348274 2004 VC_{19}	16.7	X	320.02508	339.32304	63.06243	7.21349	0.2082320	0.22904268	2.6456056	21	10 11.3	19.1
348275 2004 VA_{20}	16.9	X	65.05361	65.28448	52.22930	9.70585	0.2275496	0.25586514	2.4573214	21	3 19.8	19.2
348276 2004 VB_{26}	17.6	X	17.10613	149.26367	235.29842	4.86701	0.1929868	0.29557743	2.2319709	21	—	—
348277 2004 VE_{38}	16.9	X	170.42152	207.24574	56.21301	4.70062	0.0934928	0.24135166	2.5548722	21	—	—
348278 2004 VX_{52}	16.8	X	93.93286	317.87669	55.93018	14.68322	0.0624577	0.24645896	2.5194533	21	—	—
348279 2004 VL_{107}	17.5	X	78.94059	242.28001	232.33992	1.77040	0.1501982	0.25873042	2.4391455	21	3 21.4	20.1
348280 2004 WA_{9}	16.2	X	95.18282	92.43769	26.35400	8.17352	0.2877052	0.19827478	2.9126685	21	5 15.8	20.6
348281 2004 WS_{9}	17.2	X	167.36166	70.89035	250.48569	18.52906	0.1029829	0.36854176	1.9266888	21	—	—
348282 2004 XY_{2}	17.9	X	294.88154	312.94342	68.31723	3.04264	0.2413838	0.28119101	2.3074649	21	7 14.1	20.4
348283 2004 XS_{10}	16.8	X	81.34949	305.83351	69.78289	9.86090	0.1550012	0.24414487	2.5353484	21	—	—
348284 2004 XZ_{15}	16.1	X	122.64635	232.38220	75.97177	8.66919	0.1127667	0.23847558	2.5753728	21	—	—
348285 2004 XD_{16}	16.6	X	113.55319	244.83629	82.63826	8.28878	0.2048721	0.24194305	2.5507072	21	—	—
348286 2004 XF_{26}	15.9	X	100.96071	305.97274	67.46996	6.86979	0.2150836	0.24529831	2.5273944	21	—	—
348287 2004 XZ_{36}	17.4	X	104.76103	228.87667	221.36211	0.72108	0.1609355	0.25684237	2.4510844	21	3 28.9	20.3
348288 2004 XQ_{41}	16.4	X	45.99142	307.69927	108.57165	4.83419	0.2168123	0.24070194	2.5594677	21	—	—
348289 2004 XT_{70}	14.9	X	52.02455	125.53673	295.68674	10.54628	0.2836649	0.12352137	3.9930797	21	1 15.6	19.4
348290 2004 XY_{85}	16.6	X	95.39425	336.87213	120.95704	4.90899	0.1503215	0.25405512	2.4689791	21	3 27.6	19.6
348291 2004 XT_{99}	16.4	X	73.51123	286.39386	96.61403	4.14851	0.2269624	0.24167480	2.5525944	21	—	—
348292 2004 XV_{105}	16.3	X	82.38649	182.28078	285.50387	5.33055	0.1004581	0.25626700	2.4547518	21	3 7.9	19.1
348293 2004 XJ_{109}	16.4	X	86.03093	43.85087	337.55334	4.21425	0.2733661	0.24554649	2.5256911	21	—	—
348294 2004 XM_{145}	16.0	X	205.07626	231.02108	287.81377	23.87929	0.1434263	0.27750076	2.3278765	21	9 28.8	20.1
348295 2004 XB_{149}	17.0	X	127.27236	333.54307	94.13513	2.46354	0.1750240	0.25872315	2.4391913	21	3 30.1	20.3
348296 2004 XK_{181}	16.2	X	355.77181	139.78168	4.21730	4.87637	0.1002116	0.24429299	2.5343235	21	—	—
348297 2004 XJ_{191}	17.4	X	74.93758	119.05704	285.70441	18.62911	0.0988776	0.36047683	1.9553199	21	—	—
348298 2004 XR_{191}	14.9	X	280.81625	228.45569	323.55198	25.94519	0.2196339	0.17490217	3.1666926	21	—	—
348299 2004 YO_{11}	17.1	X	126.17063	212.29825	89.89387	2.90607	0.0260943	0.23213372	2.6220677	21	—	—
348300 2004 YG_{14}	16.6	X	89.29851	152.47015	111.37419	8.46539	0.1001053	0.21795997	2.7345438	21	10 24.0	20.7
348301 2004 YM_{23}	17.3	X	47.25048	328.53780	116.78012	5.79295	0.2060498	0.24290734	2.5439523	21	—	—
348302 2004 YY_{25}	16.9	X	29.32423	165.71266	283.03941	3.87224	0.1539305	0.24061182	2.5601067	21	—	—
348303 2005 AB_{2}	16.2	X	247.97049	136.37377	300.81508	7.10858	0.1896904	0.21537051	2.7564190	21	8 4.3	20.2
348304 2005 AN_{19}	17.9	X	5.46049	47.10409	121.47177	39.85125	0.3352259	0.36626655	1.9346595	21	—	—
348305 2005 AV_{28}	16.0	X	335.44450	92.53407	86.90887	28.76774	0.2969189	0.24136133	2.5548040	21	—	—
348306 2005 AY_{28}	21.5	X	318.13008	155.92434	117.50909	5.88423	0.5701719	1.20885874	0.8727416	21	12 18.9	20.8
348307 2005 AX_{31}	16.9	X	324.92269	230.74776	272.96298	3.50986	0.1585158	0.23696021	2.5863409	21	—	—
348308 2005 AB_{34}	17.1	X	13.30167	308.21203	156.98121	2.29783	0.1602856	0.24046904	2.5611201	21	—	—
348309 2005 AQ_{41}	16.3	X	281.89996	262.41400	294.70511	11.37999	0.1032045	0.23778688	2.5803431	21	—	—
348310 2005 AX_{43}	16.1	X	36.74159	19.43889	71.98158	17.89326	0.1873505	0.24062800	2.5599920	21	—	—
348311 2005 AX_{59}	16.4	X	294.51514	143.40791	275.83229	4.20528	0.2816776	0.22173071	2.7034530	21	8 25.9	19.4
348312 2005 AR_{72}	13.2	X	295.76685	5.96086	314.60232	25.59447	0.0189167	0.08087874	5.2955753	21	6 1.2	20.4
348313 2005 AB_{73}	16.6	X	68.69122	85.58522	309.43850	13.46895	0.1842718	0.23938749	2.5688284	21	—	—
348314 2005 BC	18.0	X	292.32815	84.19620	292.46468	30.12488	0.2780817	0.75953106	1.1897043	21	6 21.2	18.0
348315 2005 BA_{7}	16.5	X	323.34622	146.48483	63.20665	5.85348	0.2407730	0.24387737	2.5372020	21	1 1.2	20.0
348316 2005 BJ_{12}	17.0	X	17.76753	347.80204	104.53931	6.07427	0.0662929	0.23941490	2.5686323	21	—	—
348317 2005 BB_{18}	15.9	X	349.27209	52.32988	90.28763	13.65825	0.1657435	0.18093213	3.0959380	21	—	—
348318 2005 BH_{19}	16.7	X	76.53006	31.50724	15.48939	3.90432	0.2114298	0.24359714	2.5391475	21	—	—
348319 2005 CH_{2}	16.4	X	244.23385	28.06998	124.87510	13.52002	0.1168750	0.22311763	2.6922380	21	11 20.6	20.3
348320 2005 CU_{10}	17.2	X	0.87813	79.82763	348.61519	7.17246	0.0626712	0.28864746	2.2675536	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348321 2005 CM_{11}	16.5	X	301.04629	12.11434	138.11965	14.84662	0.1334861	0.23117816	2.6292881	21	—	—
348322 2005 CS_{13}	16.3	X	66.57916	303.16225	83.68032	5.61635	0.3087601	0.23784505	2.5799224	21	—	—
348323 2005 CN_{28}	16.9	X	27.55511	41.15682	354.33764	4.19935	0.2081232	0.23084170	2.6318423	21	—	—
348324 2005 CY_{39}	17.2	X	303.08128	112.10303	319.62221	4.84872	0.1867209	0.22291169	2.6938959	21	10 14.2	20.0
348325 2005 CU_{42}	16.6	X	358.56202	168.53464	312.66622	8.21945	0.1095931	0.23831824	2.5765062	21	—	—
348326 2005 CW_{48}	17.0	X	348.03721	164.05623	326.69184	5.84270	0.2590479	0.23598182	2.5934847	21	—	—
348327 2005 CC_{60}	16.2	X	262.90790	61.45426	133.16222	13.40876	0.1916017	0.23023841	2.6364378	21	—	—
348328 2005 CR_{60}	16.5	X	216.23165	322.30307	327.22809	12.17715	0.0965968	0.24127751	2.5553957	21	1 5.5	20.5
348329 2005 CF_{66}	17.5	X	317.77060	194.18874	336.35292	3.11703	0.1380332	0.23651963	2.5895517	21	—	—
348330 2005 CG_{79}	16.4	X	43.40900	211.27992	152.65845	6.36024	0.0304641	0.22338801	2.6900652	21	12 20.7	20.1
348331 2005 EO_{5}	17.5	X	350.28301	118.88772	25.28921	5.55849	0.2445789	0.23679010	2.5875794	21	—	—
348332 2005 EJ_{29}	16.5	X	320.80062	179.12799	353.93046	5.96067	0.2260707	0.23405103	2.6077283	21	—	—
348333 2005 EP_{32}	15.9	X	217.62446	179.78054	43.29447	5.85611	0.0719930	0.22425642	2.6831161	21	—	—
348334 2005 EL_{33}	17.1	X	1.66001	163.77936	343.49358	18.16363	0.0636992	0.36042029	1.9555243	21	—	—
348335 2005 EK_{36}	16.2	X	336.12331	178.02959	319.33173	14.49619	0.1293959	0.23365161	2.6106994	21	—	—
348336 2005 ED_{38}	16.1	X	254.94491	12.48089	187.69752	9.98004	0.1370129	0.22727632	2.6592954	21	—	—
348337 2005 EP_{40}	16.5	X	309.59313	169.13811	354.39941	14.10273	0.1815370	0.23214695	2.6219681	21	—	—
348338 2005 EK_{45}	16.5	X	267.22827	217.74410	323.67121	4.87223	0.1491992	0.22877723	2.6476517	21	—	—
348339 2005 EG_{48}	16.4	X	3.79751	288.56121	164.07690	14.73732	0.0774434	0.23169359	2.6253873	21	—	—
348340 2005 EQ_{48}	16.9	X	31.57025	285.30972	164.67110	12.54841	0.2541262	0.23919785	2.5701859	21	—	—
348341 2005 EO_{51}	16.4	X	273.39624	0.36392	169.56092	15.09582	0.1561878	0.22611989	2.6683546	21	—	—
348342 2005 ET_{61}	16.3	X	167.85431	81.38913	153.76795	13.37937	0.1744031	0.21953366	2.7214601	21	12 4.7	21.0
348343 2005 EG_{69}	16.3	X	244.67735	225.73168	344.52952	12.18364	0.1144414	0.22660194	2.6645690	21	—	—
348344 2005 EE_{79}	16.5	X	322.85465	354.05325	150.39161	14.51334	0.1815954	0.23185538	2.6241657	21	—	—
348345 2005 EM_{84}	16.8	X	250.37892	89.83669	114.02256	7.61692	0.2065921	0.22899249	2.6459922	21	—	—
348346 2005 EB_{94}	16.0	X	274.38631	153.78716	2.81731	13.31959	0.1135812	0.22634702	2.6665692	21	—	—
348347 2005 EV_{98}	18.0	X	18.00989	103.63099	359.89720	3.80708	0.2384082	0.23817414	2.5775453	21	—	—
348348 2005 EJ_{99}	16.8	X	300.82166	210.73288	278.86092	2.80552	0.1053080	0.22683251	2.6627630	21	—	—
348349 2005 EQ_{102}	17.3	X	93.63834	62.38037	332.62372	17.49901	0.1120406	0.36099837	1.9534361	21	—	—
348350 2005 EO_{112}	16.8	X	314.94433	141.31730	7.43901	13.79816	0.1913453	0.23069031	2.6329936	21	—	—
348351 2005 ER_{113}	16.4	X	261.65205	114.62301	65.34869	10.89023	0.1457608	0.22601264	2.6691986	21	—	—
348352 2005 EV_{133}	17.3	X	20.97744	87.97095	21.46776	5.74393	0.2353414	0.23966658	2.5668337	21	—	—
348353 2005 EM_{153}	16.2	X	304.26606	135.86552	18.64576	32.63889	0.1784603	0.23084342	2.6318293	21	—	—
348354 2005 EU_{155}	16.7	X	276.21430	116.66829	18.11265	5.05207	0.0951436	0.22006157	2.7171060	21	12 8.0	20.1
348355 2005 EO_{157}	17.2	X	11.95044	216.74613	176.96374	6.17919	0.0432989	0.22038377	2.7144571	21	12 18.4	20.8
348356 2005 EF_{165}	16.4	X	11.94280	22.71776	17.32300	7.42747	0.0741129	0.22106848	2.7088492	21	12 30.8	20.0
348357 2005 ET_{170}	15.8	X	271.57981	280.20689	270.79221	14.46903	0.0913891	0.23146663	2.6271032	21	—	—
348358 2005 EE_{180}	16.9	X	14.41289	158.40285	195.29265	5.68092	0.0294494	0.21425420	2.7659850	21	10 29.3	20.5
348359 2005 EF_{198}	16.8	X	306.76555	291.38760	194.23040	12.49641	0.1305592	0.22424828	2.6831810	21	—	—
348360 2005 EP_{202}	17.2	X	359.61704	0.61571	54.37006	2.77194	0.2076514	0.23083460	2.6318964	21	—	—
348361 2005 EW_{218}	16.4	X	207.78226	95.08065	132.91072	9.69387	0.2174924	0.22253893	2.6969034	21	12 26.4	20.7
348362 2005 EQ_{243}	16.7	X	278.96817	159.69721	10.32494	12.88767	0.2144759	0.22871748	2.6481128	21	—	—
348363 2005 EZ_{243}	16.4	X	56.30592	42.86819	50.37132	8.23860	0.2076609	0.24294961	2.5436571	21	1 19.1	18.6
348364 2005 EV_{245}	17.4	X	27.96123	40.45109	10.93269	1.38677	0.1164180	0.22733450	2.6588417	21	—	—
348365 2005 EJ_{259}	16.4	X	341.99075	35.47824	355.69084	5.53233	0.0915430	0.21250591	2.7811348	21	11 1.0	19.8
348366 2005 ER_{259}	16.2	X	140.26695	242.21960	3.00678	9.15318	0.1067444	0.21263761	2.7799864	21	11 16.4	20.6
348367 2005 EN_{260}	16.5	X	326.73396	84.84997	30.50033	11.08255	0.1125244	0.22457316	2.6805926	21	—	—
348368 2005 EO_{264}	17.7	X	136.79704	359.11123	226.39076	2.17689	0.1630154	0.27054181	2.3676261	21	10 30.6	21.5
348369 2005 EJ_{276}	17.4	X	350.80002	57.21474	120.41115	1.18758	0.2469417	0.23924255	2.5698657	21	—	—
348370 2005 EN_{279}	16.3	X	213.41845	181.56563	302.61429	8.75984	0.2549312	0.21276120	2.7789097	21	8 23.1	21.2
348371 2005 EC_{280}	16.6	X	321.75438	86.20838	60.13898	12.06358	0.1388017	0.23008825	2.6375847	21	—	—
348372 2005 EB_{286}	16.1	X	300.22070	51.23777	87.04408	17.54334	0.1324532	0.22733476	2.6588397	21	—	—
348373 2005 EO_{288}	16.5	X	353.32918	36.99016	117.53765	14.34034	0.0864970	0.23639765	2.5904425	21	—	—
348374 2005 EP_{288}	16.2	X	310.60595	82.81155	120.89497	15.03682	0.1204839	0.23604661	2.5930101	21	—	—
348375 2005 EG_{295}	16.2	X	321.84439	59.92061	5.62399	12.00050	0.0927948	0.21646691	2.7471036	21	11 13.1	19.6
348376 2005 GZ_{1}	15.8	X	258.82231	119.62299	85.01523	15.39953	0.0722293	0.22913865	2.6448668	21	—	—
348377 2005 GA_{2}	16.3	X	262.62481	145.21989	77.11356	14.00915	0.1731714	0.23161099	2.6260114	21	—	—
348378 2005 GE_{7}	16.1	X	44.06208	249.53157	56.35065	6.69142	0.0565370	0.20540808	2.8448391	21	10 11.6	19.9
348379 2005 GP_{7}	16.7	X	299.70106	1.49903	161.33534	7.10306	0.2817240	0.22850023	2.6497910	21	—	—
348380 2005 GH_{13}	16.1	X	162.51012	115.56985	102.41592	12.38848	0.1391076	0.21112064	2.7932872	21	11 11.6	20.8
348381 2005 GJ_{17}	17.0	X	347.41563	194.27373	176.77372	6.32613	0.0448946	0.21311984	2.7757912	21	10 15.6	20.4
348382 2005 GR_{17}	17.1	X	25.91374	185.25424	177.04981	6.04867	0.0259941	0.21795688	2.7345696	21	11 25.3	20.7
348383 Petibon	17.7	X	109.67534	162.78433	101.33385	2.30646	0.1624806	0.27170575	2.3608596	21	11 23.3	21.2
348384 2005 GH_{38}	16.5	X	222.64645	328.60284	224.53737	9.01540	0.2118108	0.21879763	2.7275600	21	11 29.2	20.7
348385 2005 GJ_{55}	16.6	X	301.65721	278.57691	188.01817	7.44213	0.1428778	0.21956786	2.7211775	21	12 7.1	19.7
348386 2005 GQ_{68}	15.8	X	73.74088	174.60267	91.67654	16.47769	0.1099859	0.20511734	2.8475266	21	10 13.7	20.2
348387 2005 GR_{78}	16.3	X	308.00878	68.80409	108.43743	12.55859	0.2161222	0.23077612	2.6323409	21	—	—
348388 2005 GA_{81}	16.7	X	286.52001	157.13340	16.36579	3.18673	0.0990557	0.22474629	2.6792158	21	—	—
348389 2005 GW_{99}	15.9	X	246.43967	258.79718	324.36092	10.43593	0.1486653	0.22530040	2.6748211	21	—	—
348390 2005 GY_{106}	17.9	X	280.37518	14.87092	193.73540	8.78049	0.0386358	0.29078351	2.2564352	21	—	—
348391 2005 GU_{115}	16.8	X	328.70041	5.12659	46.66649	4.88068	0.0983445	0.21333615	2.7739145	21	11 9.2	20.0
348392 2005 GS_{127}	16.8	X	273.12325	26.40862	151.79247	23.40951	0.1554804	0.28623860	2.2802576	21	—	—
348393 2005 GB_{128}	16.1	X	133.73470	197.91621	46.31359	14.07685	0.1542770	0.21026403	2.8008685	21	11 12.3	20.5
348394 2005 GH_{180}	16.1	X	338.28763	45.36593	131.47045	24.31336	0.1715801	0.23381092	2.6095133	21	—	—
348395 2005 GG_{181}	17.2	X	316.55833	113.94926	53.39640	5.15831	0.1580715	0.23126806	2.6286067	21	—	—
348396 2005 HA_{3}	16.4	X	52.47307	329.20549	28.05300	6.88995	0.0612050	0.21601468	2.7509364	21	12 26.3	20.2
348397 2005 HT_{5}	17.4	X	170.14630	169.44919	118.45330	6.92833	0.1336714	0.28056310	2.3109063	21	—	—
348398 2005 HK_{9}	16.0	X	325.77795	326.41401	92.10729	13.11029	0.1069788	0.20909246	2.8113212	21	11 16.3	19.4
348399 2005 JS_{2}	16.3	X	203.13858	147.24050	46.81211	10.21883	0.1458094	0.21365325	2.7711692	21	11 16.1	20.5
348400 2005 JF_{21}	17.3	X	273.94663	206.11084	132.19876	10.84870	0.5356545	0.29692034	2.2252360	21	3 26.7	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348401 2005 JD_{25}	16.2	X	279.78347	241.05912	220.70002	12.43269	0.1704113	0.21215121	2.7842338	21	10 18.0	19.7
348402 2005 JP_{34}	13.0	X	300.18587	217.72103	217.62811	21.56528	0.0476980	0.08380006	5.1717775	21	10 11.2	19.9
348403 2005 JY_{41}	16.8	X	322.38794	156.96326	217.27764	9.54379	0.0273166	0.20125469	2.8838459	21	9 8.6	20.8
348404 2005 JB_{44}	16.4	X	337.99460	104.77452	54.41353	30.11199	0.2985316	0.23254937	2.6189424	21	—	—
348405 2005 JT_{59}	16.2	X	291.09005	286.72661	207.16875	12.86779	0.1188698	0.21849280	2.7300963	21	12 26.0	19.6
348406 2005 JA_{93}	15.7	X	270.94307	186.74914	347.60690	13.04771	0.1056583	0.22345507	2.6895270	21	—	—
348407 Patkósandrás	18.2	X	106.31562	63.81907	65.66522	22.62435	0.0850890	0.36892014	1.9253712	21	5 9.0	20.1
348408 2005 JH_{98}	16.5	X	336.03952	324.53354	95.63602	4.92351	0.0854996	0.21165208	2.7886094	21	12 2.2	19.7
348409 2005 JQ_{117}	15.8	X	331.34206	191.14408	98.07386	9.89152	0.0619089	0.18657843	3.0331585	21	6 1.6	19.8
348410 2005 JU_{128}	16.6	X	18.63463	172.58437	117.39719	4.30318	0.0663123	0.19514836	2.9436948	21	8 13.2	20.4
348411 2005 JO_{174}	17.3	X	233.93106	63.49384	84.64243	1.88447	0.0698747	0.21251681	2.7810397	21	11 3.0	21.0
348412 2005 KR_{9}	17.1	X	298.54297	148.00296	156.04869	6.89728	0.2825250	0.23995913	2.5647470	21	3 29.8	20.7
348413 2005 MW_{36}	17.9	X	288.32088	274.79338	100.37879	2.97870	0.1442375	0.30633932	2.1793863	21	7 11.7	20.1
348414 2005 MY_{40}	16.9	X	291.19256	83.48520	188.77145	10.82273	0.1784915	0.23539192	2.5978158	21	2 19.4	20.8
348415 2005 MG_{45}	15.6	X	299.63720	177.57170	120.19099	8.66535	0.1291120	0.17513913	3.1638358	21	4 23.4	20.1
348416 2005 MX_{54}	15.7	X	297.58324	265.76088	69.49429	16.82661	0.2555425	0.17692977	3.1424529	21	5 17.3	20.0
348417 2005 NW_{8}	15.7	X	277.41651	207.59067	134.02644	16.94541	0.1130519	0.17550662	3.1594177	21	5 24.0	20.5
348418 2005 NM_{27}	16.3	X	247.61386	81.75402	264.75159	4.24765	0.1833746	0.17227792	3.1987697	21	4 13.9	21.5
348419 2005 NZ_{55}	16.1	X	24.95788	334.81700	283.23398	8.00017	0.0493373	0.18198078	3.0840331	21	7 8.4	20.1
348420 2005 NT_{57}	15.8	X	52.24602	95.84529	129.16801	10.44457	0.0374880	0.17955014	3.1118039	21	7 2.2	20.1
348421 2005 NB_{65}	18.1	X	23.92382	143.91471	152.03697	5.50958	0.0697780	0.31115774	2.1568286	21	9 10.0	20.1
348422 2005 ND_{66}	16.6	X	194.38938	26.38658	293.62933	7.95675	0.0563068	0.22017535	2.7161698	21	1 20.0	20.5
348423 2005 NG_{78}	15.9	X	212.99291	117.98803	310.00842	16.02563	0.1401356	0.17709870	3.1404543	21	6 24.9	21.1
348424 2005 NV_{89}	18.0	X	48.20165	70.22209	192.17074	2.92678	0.1316464	0.31094306	2.1578213	21	9 7.6	20.1
348425 2005 NH_{125}	15.5	X	315.75652	233.16890	102.95412	18.86978	0.2080567	0.17954996	3.1118059	21	6 20.9	19.3
348426 2005 OY_{6}	17.1	X	191.22282	28.40759	347.56647	7.26514	0.1387609	0.28709303	2.2757312	21	3 21.1	20.4
348427 2005 OH_{9}	17.6	X	57.67471	8.18954	324.40354	6.32641	0.2739773	0.25949903	2.4343269	21	—	—
348428 2005 OK_{18}	17.2	X	27.23390	65.03239	295.83786	4.24028	0.2244468	0.25585270	2.4574011	21	12 31.9	20.3
348429 2005 OP_{20}	15.4	X	279.46615	201.53904	139.12997	19.63592	0.0990426	0.17427017	3.1743442	21	5 27.7	20.3
348430 2005 QV_{5}	17.4	X	59.34300	221.51097	162.65425	6.49728	0.1624074	0.26463760	2.4027118	21	—	—
348431 2005 QL_{7}	17.1	X	307.20057	303.99739	353.13600	3.92044	0.1469221	0.29584278	2.2306361	21	4 11.6	19.6
348432 2005 QR_{12}	18.0	X	301.10949	13.01031	309.21846	4.73758	0.2549401	0.29953716	2.2122570	21	4 19.9	20.8
348433 2005 QV_{17}	17.5	X	236.81977	306.40974	46.63322	2.79717	0.1857646	0.29030764	2.2589004	21	4 5.0	21.1
348434 2005 QB_{19}	15.5	X	318.89176	83.34566	263.90848	8.71024	0.1039744	0.18104930	3.0946021	21	7 22.7	19.5
348435 2005 QM_{35}	18.1	X	294.69533	268.30457	39.37340	3.18413	0.1921873	0.29528536	2.2334425	21	4 4.5	21.0
348436 2005 QE_{54}	15.3	X	155.92306	165.66130	334.71344	15.82650	0.1220401	0.17688262	3.1430113	21	7 31.3	20.4
348437 2005 QO_{60}	18.1	X	224.88162	93.79098	237.90526	2.15727	0.2204182	0.28667318	2.2779525	21	2 24.4	22.0
348438 2005 QT_{61}	16.7	X	23.39411	44.53264	264.20973	4.92685	0.1578941	0.18666140	3.0322595	21	9 20.6	20.4
348439 2005 QL_{74}	17.4	X	8.41388	10.28286	28.90992	1.69392	0.1919560	0.25564533	2.4587298	21	—	—
348440 2005 QV_{74}	17.2	X	245.87744	10.33458	346.89655	6.15642	0.1835252	0.29155944	2.2524300	21	4 16.1	20.6
348441 2005 QO_{80}	17.8	X	248.98409	233.26271	133.45892	5.26591	0.1787167	0.29525090	2.2336163	21	5 6.4	21.1
348442 2005 QY_{88}	17.9	X	225.40766	136.90348	235.58909	1.43360	0.2733539	0.28950303	2.2630838	21	4 15.5	21.9
348443 2005 QL_{110}	18.1	X	312.47968	124.74101	248.83279	1.58911	0.1339010	0.30624387	2.1798392	21	8 24.9	19.6
348444 2005 QU_{111}	16.5	X	133.80783	215.48923	177.91317	13.01045	0.1492773	0.21542476	2.7559562	21	2 21.2	20.7
348445 2005 QU_{132}	17.1	X	261.43530	242.70087	37.23493	3.93260	0.0528361	0.22144255	2.7057977	21	2 16.3	20.9
348446 2005 QT_{150}	18.1	X	241.19777	219.97293	168.28909	4.39282	0.1277461	0.29525735	2.2335837	21	5 31.0	21.2
348447 2005 QJ_{154}	17.3	X	235.21368	270.30826	61.75403	7.74812	0.1590398	0.28729536	2.2746625	21	3 12.6	20.9
348448 2005 QY_{159}	16.3	X	128.21993	24.86425	352.76812	24.20503	0.2515620	0.27483421	2.3429095	21	2 10.6	19.8
348449 2005 QU_{173}	17.0	X	294.13994	306.58707	26.44644	6.46389	0.2225188	0.29750721	2.2223087	21	5 3.0	19.8
348450 2005 QB_{183}	17.7	X	337.29538	14.69317	283.58174	5.83481	0.1934019	0.30124564	2.2038847	21	5 31.3	19.3
348451 2005 RU_{9}	16.0	X	246.18508	315.12802	322.98465	8.51800	0.2058067	0.22005149	2.7171889	21	1 19.3	20.5
348452 2005 RU_{20}	17.8	X	8.87028	223.78443	197.62913	19.23125	0.0882611	0.38458781	1.8727179	21	—	—
348453 2005 RN_{24}	15.3	X	1.27195	325.32345	4.19413	11.66987	0.2198594	0.18108240	3.0942250	21	9 16.9	18.3
348454 2005 RL_{25}	16.1	X	177.52945	47.20586	288.26250	4.38499	0.2869316	0.21480895	2.7612208	21	2 3.1	21.1
348455 2005 RG_{34}	14.9	X	316.23443	25.32099	295.05341	26.94120	0.2211975	0.17503808	3.1650532	21	5 28.1	19.3
348456 2005 RF_{46}	15.9	X	222.87965	27.94508	53.27132	15.16343	0.0651712	0.17280805	3.1922244	21	7 29.4	20.9
348457 2005 ST_{6}	16.8	X	193.59793	65.30716	311.25168	1.24489	0.2996764	0.22123068	2.7075250	21	4 1.8	21.8
348458 2005 SX_{13}	15.9	X	284.50312	319.51892	29.19409	5.02584	0.1708515	0.17169400	3.2060181	21	5 27.8	20.4
348459 2005 SS_{14}	17.4	X	253.19448	307.17977	38.35355	7.01190	0.2026386	0.29268819	2.2466354	21	4 9.9	20.7
348460 2005 SK_{15}	17.9	X	246.56874	93.71622	347.66235	4.56420	0.0865302	0.30380345	2.1914972	21	8 28.7	20.4
348461 2005 SH_{19}	17.0	X	164.10433	158.35339	18.41291	47.72794	0.8548728	0.28737894	2.2742215	21	10 4.3	23.1
348462 2005 SH_{20}	17.2	X	332.34402	269.59385	57.59144	5.24772	0.2136236	0.30164527	2.2019378	21	7 9.5	18.5
348463 2005 SY_{24}	17.1	X	310.09357	188.78436	122.18410	7.17438	0.2233409	0.29744940	2.2225966	21	4 28.0	19.6
348464 2005 SB_{36}	17.8	X	194.04432	214.05598	224.87437	2.31215	0.0874032	0.29217218	2.2492798	21	6 17.8	20.7
348465 2005 SF_{57}	18.1	X	247.52665	167.28837	193.68516	3.83392	0.2334132	0.29236791	2.2482758	21	4 21.6	21.6
348466 2005 SQ_{64}	16.9	X	261.84981	344.06863	15.21627	4.72184	0.1807478	0.29401696	2.2398613	21	5 6.7	19.9
348467 2005 SY_{67}	16.2	X	219.90336	251.52752	189.73270	10.99055	0.0638505	0.17409424	3.1764824	21	7 20.2	21.1
348468 2005 SA_{70}	17.2	X	240.14914	290.73147	41.16044	7.79072	0.1415650	0.28567148	2.2832745	21	3 17.4	20.6
348469 2005 SP_{70}	15.6	X	326.02798	311.52011	34.61951	11.34820	0.2502070	0.17909664	3.1170546	21	7 19.8	19.1
348470 2005 SJ_{83}	16.1	X	248.84540	141.08646	6.49133	7.16492	0.0990290	0.19073502	2.9889300	21	11 10.4	20.4
348471 2005 SV_{90}	17.4	X	150.09661	343.99270	16.17751	7.32856	0.1288728	0.27362014	2.3498349	21	1 20.3	20.6
348472 2005 SN_{92}	17.5	X	31.99485	64.69415	202.23857	4.99552	0.1473541	0.30165714	2.2018800	21	8 17.1	19.4
348473 2005 SV_{96}	17.6	X	274.94723	112.55479	189.90180	5.85828	0.2018598	0.29026546	2.2591192	21	3 4.1	21.0
348474 2005 SF_{104}	17.6	X	274.77258	325.79870	25.86939	2.61749	0.0812880	0.29404816	2.2397029	21	5 26.8	20.1
348475 2005 SX_{112}	15.5	X	49.11750	118.51412	221.67481	11.33232	0.0306666	0.19074450	2.9888311	21	11 22.3	19.6
348476 2005 SC_{120}	17.7	X	225.17274	165.07373	226.47574	5.20897	0.1032349	0.29267553	2.2467001	21	5 18.5	20.6
348477 2005 SX_{124}	16.9	X	221.76328	310.35955	32.85986	7.17634	0.1861193	0.28564759	2.2834018	21	3 12.6	20.6
348478 2005 SN_{128}	17.7	X	279.44816	37.94245	339.98521	4.17311	0.1562483	0.29890202	2.2153898	21	6 30.1	20.2
348479 2005 SH_{153}	17.4	X	195.21315	46.72186	28.82504	7.43065	0.1653929	0.29093016	2.2556768	21	6 12.2	21.0
348480 2005 SN_{159}	17.7	X	265.89531	88.86245	299.32611	3.99061	0.1656533	0.29866757	2.2165490	21	6 24.6	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348481 2005 SR_{163}	17.1	X	303.03612	306.28002	44.27915	5.56028	0.2035067	0.29967819	2.2115629	21	6 16.0	19.2
348482 2005 SR_{175}	17.3	X	245.07429	161.05472	227.49708	4.84710	0.1012802	0.29501163	2.2348238	21	6 7.4	20.1
348483 2005 ST_{182}	17.5	X	275.08746	77.19214	215.00102	6.40602	0.1303499	0.28549442	2.2842184	21	2 25.4	20.7
348484 2005 SM_{192}	16.1	X	64.70764	114.52536	205.50052	9.37958	0.0691601	0.18809314	3.0168525	21	11 22.2	20.3
348485 2005 SB_{194}	17.8	X	202.25031	154.50285	216.94174	3.85585	0.1357588	0.28398574	2.2923013	21	3 26.6	21.4
348486 2005 SY_{195}	17.5	X	312.48568	193.05093	128.31697	0.83220	0.0946539	0.23516336	2.5994988	21	6 9.5	20.5
348487 2005 SP_{207}	17.5	X	132.67945	38.57882	346.31881	7.89089	0.1337999	0.27422094	2.3464014	21	2 1.0	20.5
348488 2005 SZ_{218}	18.0	X	211.96885	359.19230	64.79289	1.61347	0.1913274	0.28991727	2.2609276	21	6 12.8	21.6
348489 2005 SC_{219}	15.9	X	352.44112	165.78940	225.78821	11.74181	0.3979412	0.18430165	3.0580874	21	12 16.3	18.2
348490 2005 SB_{221}	16.3	X	268.39210	342.91856	2.70136	7.55162	0.4009599	0.23120392	2.6290928	21	4 8.8	20.9
348491 2005 SN_{230}	18.1	X	276.86649	323.21546	4.45870	4.31073	0.0690973	0.29170060	2.2517033	21	4 26.0	20.7
348492 2005 SS_{238}	17.4	X	167.06751	138.48165	5.50370	6.82250	0.0665638	0.30189942	2.2007018	21	8 19.6	20.2
348493 2005 ST_{247}	17.7	X	85.45394	183.70799	15.14968	4.70395	0.0530230	0.29589451	2.2303761	21	7 17.7	20.2
348494 2005 SV_{278}	17.9	X	301.17840	96.81154	291.15556	5.04945	0.1923492	0.30425201	2.1893427	21	8 14.6	19.5
348495 2005 SJ_{281}	17.6	X	288.19577	326.12429	35.79514	2.84202	0.1789853	0.29548266	2.2324482	21	6 14.5	20.3
348496 2005 SG_{287}	17.5	X	219.04841	244.42689	106.81548	7.68724	0.1288324	0.28409461	2.2917156	21	3 22.2	21.0
348497 2005 TA_{5}	17.6	X	273.80576	119.43405	268.94367	3.39032	0.1596320	0.29953979	2.2122441	21	7 6.4	20.0
348498 2005 TJ_{5}	17.6	X	284.57825	36.42664	333.33982	6.12677	0.1523546	0.29877299	2.2160276	21	6 26.2	20.1
348499 2005 TK_{9}	18.4	X	352.87529	224.71045	103.79229	1.46645	0.2066922	0.30576312	2.1821235	21	9 14.9	19.2
348500 2005 TE_{52}	16.5	X	332.02988	330.31716	99.06468	7.52847	0.0810316	0.25334761	2.4735736	21	12 18.2	19.2
348501 2005 TC_{77}	17.9	X	255.75533	121.93445	205.87988	4.25176	0.2641516	0.28875202	2.2670061	21	3 14.4	21.7
348502 2005 TA_{79}	18.7	X	173.49280	207.86041	208.75761	1.14344	0.2146583	0.28451122	2.2894779	21	4 30.3	22.3
348503 2005 TC_{85}	17.6	X	150.37951	298.61852	221.41182	2.96138	0.1237093	0.29909121	2.2144555	21	8 19.5	20.8
348504 2005 TB_{104}	17.1	X	221.97810	32.06388	300.01792	4.57375	0.1844335	0.28253115	2.3001623	21	2 22.9	20.9
348505 2005 TE_{106}	16.9	X	177.93936	85.62254	358.37137	6.54824	0.0292275	0.29145039	2.2529919	21	6 2.9	19.8
348506 2005 TW_{135}	15.8	X	217.59280	37.35323	12.69015	7.65163	0.0935857	0.17057215	3.2200600	21	6 7.6	20.8
348507 2005 TM_{142}	17.6	X	358.39026	170.18596	88.54644	3.33655	0.1448237	0.29397187	2.2400903	21	5 19.8	19.1
348508 2005 TH_{153}	16.1	X	103.57115	224.91654	213.91285	24.45862	0.2158568	0.21192854	2.7861837	21	3 22.9	20.3
348509 2005 TZ_{165}	18.1	X	258.72121	189.82523	223.35047	3.20527	0.0846622	0.29908812	2.2144707	21	8 2.2	20.8
348510 2005 TM_{172}	15.7	X	106.70830	172.56321	258.82579	13.96045	0.1095657	0.21357213	2.7718709	21	2 25.9	19.8
348511 2005 TP_{186}	17.4	X	183.56669	170.62040	306.22215	3.86438	0.1161187	0.29558964	2.2319095	21	7 28.4	20.4
348512 2005 TT_{196}	17.1	X	207.24703	326.39017	103.05303	8.79080	0.0842990	0.29417350	2.2390667	21	6 20.6	20.1
348513 2005 UT_{5}	15.6	X	317.80343	260.33038	161.11278	21.49880	0.2983378	0.18114941	3.0934619	21	10 13.7	18.7
348514 2005 UX_{10}	17.3	X	198.30470	236.25962	198.53114	5.86289	0.0508462	0.29208218	2.2497418	21	6 18.3	20.2
348515 2005 UU_{16}	15.9	X	327.48545	185.14846	206.77036	7.09461	0.0826375	0.18195962	3.0842722	21	10 6.3	19.7
348516 2005 UT_{37}	16.2	X	87.48401	328.12382	62.06251	10.01570	0.1348755	0.20074422	2.8887326	21	—	—
348517 2005 UK_{38}	16.9	X	356.84636	210.98460	188.86411	1.32619	0.2505276	0.18632860	3.0358690	21	12 17.7	19.9
348518 2005 UD_{46}	16.9	X	177.54110	318.96634	71.44809	3.27685	0.0869948	0.21714708	2.7413641	21	4 2.2	21.0
348519 2005 UK_{53}	15.6	X	15.77510	141.00648	205.34010	12.91394	0.2076846	0.18524775	3.0476663	21	11 6.9	19.0
348520 2005 UQ_{56}	17.5	X	248.30379	29.30217	338.49213	5.66131	0.1323135	0.29101103	2.2552589	21	5 7.3	20.7
348521 2005 UF_{57}	16.4	X	20.58495	175.97315	190.45300	9.53707	0.2588153	0.18869758	3.0104067	21	12 18.4	20.2
348522 2005 UF_{59}	17.6	X	231.92565	317.79967	53.46397	5.63290	0.1771858	0.28741526	2.2740299	21	4 24.9	21.2
348523 2005 UQ_{66}	16.1	X	35.58863	167.65549	198.39020	5.43357	0.3085020	0.19047829	2.9916152	21	—	—
348524 2005 US_{69}	17.9	X	193.72493	42.00068	324.12530	5.81381	0.1403038	0.28235616	2.3011126	21	3 10.9	21.3
348525 2005 UO_{70}	15.2	X	353.93831	275.22629	11.81334	18.80255	0.0396294	0.16996140	3.2277695	21	7 3.9	19.9
348526 2005 UC_{76}	14.9	X	253.56382	168.46701	257.88852	18.33752	0.1237896	0.17322047	3.1871554	21	7 28.7	19.9
348527 2005 UJ_{82}	16.7	X	34.71377	265.19469	47.00582	1.44356	0.1744432	0.18351395	3.0668321	21	10 18.1	20.5
348528 2005 UY_{83}	16.8	X	55.65648	213.87912	130.34150	1.03892	0.1518728	0.19121241	2.9839531	21	12 21.5	21.1
348529 2005 UB_{102}	17.8	X	251.81750	259.53968	69.96696	5.78784	0.1847467	0.28610759	2.2809537	21	3 22.7	21.3
348530 2005 UJ_{110}	17.3	X	142.30092	187.77495	245.06719	4.93534	0.2141322	0.27891407	2.3200059	21	4 21.8	20.8
348531 2005 UF_{124}	18.0	X	155.58156	71.48570	15.09224	2.54372	0.1683682	0.28423162	2.2909791	21	5 19.7	21.4
348532 2005 UM_{131}	17.4	X	91.55779	263.49468	129.64364	8.31219	0.2671174	0.26626459	2.3929141	21	1 2.7	19.5
348533 2005 UC_{141}	16.8	X	224.53309	324.99186	61.43275	10.11825	0.1236534	0.28797880	2.2710623	21	5 10.6	20.0
348534 2005 UH_{151}	17.1	X	164.76207	287.07939	35.34570	2.38661	0.0605266	0.20327334	2.8647217	21	—	—
348535 2005 UX_{161}	15.7	X	321.43920	288.07374	92.02860	15.69745	0.2887574	0.17988386	3.1079540	21	8 25.2	19.1
348536 2005 UL_{177}	17.5	X	139.84034	135.77956	28.48635	5.26880	0.0752548	0.29432286	2.2383091	21	8 14.4	20.4
348537 2005 UA_{194}	18.7	X	169.55811	234.79590	190.02315	1.98516	0.2058796	0.28444682	2.2898234	21	5 7.4	22.2
348538 2005 UA_{196}	17.0	X	324.57352	61.87187	29.86856	3.24231	0.2489016	0.18877979	3.0095326	21	12 15.9	19.6
348539 2005 UV_{218}	17.2	X	48.08881	336.52353	251.01910	5.66665	0.1196464	0.29317972	2.2441236	21	7 10.5	19.4
348540 2005 UG_{226}	17.5	X	197.61068	350.28610	47.85301	5.50451	0.1385988	0.28548247	2.2842822	21	4 27.4	20.7
348541 2005 UQ_{228}	16.3	X	93.62101	355.29771	216.33142	12.54010	0.0903778	0.23289162	2.6163759	21	8 13.4	20.3
348542 2005 UC_{251}	17.8	X	91.05715	103.05051	269.11918	1.07915	0.2386387	0.26401222	2.4065046	21	—	—
348543 2005 UO_{251}	17.0	X	222.11233	120.23958	261.93098	7.21135	0.1062727	0.28642197	2.2792843	21	4 30.2	20.3
348544 2005 UR_{270}	16.0	X	350.20191	327.08202	43.65044	10.09750	0.1618115	0.18363106	3.0655280	21	10 19.4	19.4
348545 2005 UK_{286}	17.8	X	181.01345	288.72737	166.99991	3.93419	0.1056098	0.29176921	2.2513503	21	6 25.9	20.9
348546 2005 UV_{299}	17.9	X	244.27933	91.85951	225.05653	4.95558	0.1126719	0.28031978	2.3122434	21	2 26.7	21.2
348547 2005 UW_{321}	17.4	X	150.51757	170.31914	250.39111	5.88731	0.1082729	0.27891919	2.3199776	21	4 2.5	20.7
348548 2005 UK_{344}	17.8	X	281.59465	359.39066	303.86893	3.09480	0.1531845	0.28677177	2.2774304	21	3 17.7	20.8
348549 2005 UJ_{350}	18.0	X	301.91244	28.80813	330.87293	5.03964	0.1817371	0.29982139	2.2108586	21	7 4.1	20.2
348550 2005 UB_{369}	15.5	X	125.34197	30.47015	73.05220	10.00468	0.1192897	0.15455772	3.4388158	21	5 14.2	20.7
348551 2005 UQ_{370}	17.1	X	350.30781	191.99035	75.05752	6.58079	0.0906256	0.28894120	2.2660165	21	5 21.7	19.2
348552 2005 UY_{416}	16.2	X	92.31506	318.99522	70.79582	6.06151	0.1317051	0.20318420	2.8655594	21	—	—
348553 2005 UO_{425}	16.8	X	127.74248	50.03963	39.06412	9.95654	0.1514315	0.21683017	2.7440345	21	4 27.2	20.7
348554 2005 UD_{427}	17.5	X	198.92181	344.51940	18.01861	5.97678	0.1779181	0.28040186	2.3117922	21	3 15.6	21.2
348555 2005 UK_{461}	17.7	X	12.19373	94.07884	37.81309	3.33855	0.1349417	0.26383640	2.4075736	21	—	—
348556 2005 UD_{476}	15.5	X	61.94795	88.21677	226.90940	8.15432	0.0733189	0.18701601	3.0284252	21	11 12.4	19.5
348557 2005 UB_{479}	17.3	X	197.61595	47.59649	37.82328	5.72386	0.1319271	0.29015954	2.2596689	21	6 29.9	20.6
348558 2005 UF_{496}	17.2	X	174.71214	278.12565	118.23020	10.24840	0.2242239	0.28231206	2.3013522	21	4 11.0	21.1
348559 2005 VS_{16}	17.2	X	278.82101	282.36074	93.05248	7.08282	0.1551788	0.29697590	2.2249585	21	6 25.2	19.4
348560 2005 VW_{28}	17.4	X	222.37119	39.04167	353.43894	3.00765	0.1699068	0.28869989	2.2672790	21	5 11.9	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348561 2005 VL_{32}	16.1	X	319.61657	307.61686	75.06767	4.08595	0.2569585	0.17712544	3.1401381	21	8 25.8	19.3
348562 2005 VM_{50}	17.0	X	102.60568	308.22350	77.01446	12.00221	0.2566315	0.26563979	2.3966648	21	1 10.3	19.5
348563 2005 VO_{57}	17.4	X	287.75707	275.32161	84.38011	7.17707	0.1382692	0.29391973	2.2403553	21	6 17.8	19.7
348564 2005 VG_{72}	17.8	X	197.38844	260.74007	98.89530	2.70632	0.1541105	0.27875637	2.3208808	21	3 10.0	21.3
348565 2005 VW_{73}	17.3	X	321.06270	244.41564	88.39189	5.42571	0.1871505	0.29636054	2.2280373	21	6 25.8	18.8
348566 2005 VP_{95}	17.9	X	164.82735	264.57496	219.26269	4.73460	0.0971917	0.28983278	2.2613670	21	7 15.6	21.0
348567 2005 VJ_{98}	15.9	X	276.71993	60.03243	37.98443	16.30248	0.1874439	0.17979014	3.1090340	21	10 8.1	20.1
348568 2005 VX_{118}	16.9	X	247.32678	346.04229	349.23982	4.24641	0.2556187	0.28519585	2.2858124	21	3 18.3	20.6
348569 2005 VO_{126}	16.0	X	53.64269	223.63692	14.44507	27.94207	0.1842161	0.17729479	3.1381382	21	8 27.6	20.6
348570 2005 WS	15.5	X	294.76312	62.53014	282.54274	8.24051	0.0889925	0.17516038	3.1635799	21	6 18.6	19.7
348571 2005 WE_{4}	15.3	X	36.12336	269.07169	76.59080	16.77097	0.1681765	0.18596848	3.0397870	21	12 1.3	19.4
348572 2005 WX_{5}	17.5	X	135.40375	337.45350	113.75544	5.28846	0.2175058	0.27978185	2.3152063	21	5 12.3	21.0
348573 2005 WH_{20}	17.7	X	171.43241	77.85209	47.19147	6.89862	0.1043217	0.29125193	2.2540152	21	7 28.3	20.9
348574 2005 WE_{29}	17.7	X	89.12100	280.50246	291.81343	2.24790	0.0808908	0.29263117	2.2469272	21	8 14.7	20.2
348575 2005 WT_{30}	17.3	X	287.90534	239.72909	54.91277	5.54253	0.1417897	0.28124152	2.3071886	21	3 20.2	20.3
348576 2005 WT_{44}	18.2	X	140.17703	164.96295	265.67699	1.15088	0.1662364	0.27826264	2.3236254	21	4 12.5	21.5
348577 2005 WU_{71}	17.3	X	219.70242	294.84269	86.40970	5.64629	0.2104253	0.28634953	2.2796687	21	4 26.5	21.0
348578 2005 WN_{81}	17.1	X	218.38094	305.08170	65.93538	3.94729	0.2309824	0.28287801	2.2982817	21	4 11.5	20.9
348579 2005 WY_{85}	17.7	X	285.90983	260.25599	72.02556	3.79916	0.1963193	0.29066628	2.2570419	21	4 28.0	20.5
348580 2005 WZ_{87}	17.6	X	201.71566	134.39577	266.03051	3.60205	0.2299848	0.28328538	2.2960778	21	5 2.6	21.5
348581 2005 WV_{88}	17.3	X	207.13290	5.84046	57.55606	7.08982	0.1031975	0.28873727	2.2670834	21	6 10.4	20.5
348582 2005 WN_{90}	17.5	X	281.55962	66.34705	287.75112	4.68992	0.1814187	0.29370222	2.2414612	21	5 23.6	20.4
348583 2005 WW_{90}	20.5	X	198.34012	357.51317	51.07285	7.03425	0.0993622	0.28409182	2.2917306	21	5 11.8	23.7
348584 2005 WF_{106}	16.1	X	144.21520	265.77318	259.83065	22.62265	0.2228358	0.28782988	2.2718455	21	8 13.4	20.4
348585 2005 WP_{111}	17.4	X	266.46419	285.16596	84.94131	5.94874	0.1565716	0.29253284	2.2474306	21	6 1.0	20.3
348586 2005 WP_{118}	17.5	X	182.15169	116.14549	308.04180	4.63781	0.1296792	0.28472541	2.2883295	21	5 14.1	21.0
348587 2005 WE_{123}	15.9	X	300.54466	240.92838	215.33841	9.14650	0.0686063	0.18852689	3.0122234	21	11 21.4	19.9
348588 2005 WX_{142}	17.8	X	78.38757	92.15160	75.33762	3.07693	0.1297443	0.28238029	2.3009815	21	6 1.7	20.3
348589 2005 WX_{145}	18.0	X	243.23127	42.78908	274.41425	3.19398	0.2098291	0.27954349	2.3165222	21	2 22.4	21.9
348590 2005 WN_{148}	15.8	X	36.96510	283.24201	65.11226	11.33580	0.1488646	0.18473197	3.0533365	21	12 1.5	19.9
348591 2005 WO_{149}	17.7	X	197.03702	173.83077	293.84906	4.17307	0.1542023	0.29164954	2.2519661	21	7 28.4	21.0
348592 2005 WQ_{150}	17.2	X	281.96333	323.21746	24.43375	4.05637	0.2218516	0.29106195	2.2549959	21	5 9.2	20.1
348593 2005 WF_{152}	16.8	X	244.90194	226.31681	216.35670	12.95864	0.2385403	0.23303762	2.6152830	21	7 30.5	21.2
348594 2005 WE_{159}	16.3	X	218.03969	20.40490	47.25206	9.57214	0.3463807	0.22541919	2.6738813	21	6 16.0	21.3
348595 2005 XE_{1}	19.0	X	19.74416	314.76543	83.18599	29.13018	0.1514773	0.56485927	1.4493587	21	—	—
348596 2005 XW_{3}	17.3	X	205.52111	109.19850	264.11249	1.08325	0.2365133	0.28181038	2.3040827	21	4 2.1	21.2
348597 2005 XB_{4}	17.3	X	203.28846	180.52575	278.53322	6.91816	0.0941589	0.29298462	2.2451197	21	7 25.9	20.3
348598 2005 XK_{6}	17.4	X	169.36590	80.98192	49.19099	3.91430	0.0906838	0.29159018	2.2522718	21	8 1.3	20.5
348599 2005 XL_{6}	17.2	X	250.65006	334.31337	50.77101	10.34331	0.1675014	0.29117218	2.2544268	21	5 31.4	20.4
348600 2005 XV_{14}	17.3	X	200.16881	156.24938	262.15615	1.62179	0.2103618	0.28557385	2.2837949	21	5 25.3	21.1
348601 2005 XD_{20}	15.5	X	257.09195	153.93145	281.43905	11.15143	0.1435086	0.17017307	3.2250924	21	8 13.1	20.4
348602 2005 XX_{23}	17.5	X	238.30569	310.80047	63.25752	7.59791	0.1246647	0.28619260	2.2805019	21	5 8.9	20.6
348603 2005 XA_{35}	18.0	X	119.46506	302.14662	155.46373	1.26900	0.1407942	0.27610240	2.3357298	21	4 22.8	21.0
348604 2005 XF_{41}	17.3	X	219.27891	109.07031	304.23204	4.77407	0.1384158	0.28742490	2.2739790	21	6 8.3	20.6
348605 2005 XN_{48}	17.1	X	83.57299	187.73968	262.91182	7.12145	0.0812501	0.26999406	2.3708272	21	2 8.2	19.8
348606 2005 XJ_{65}	16.5	X	177.64587	294.48149	104.86757	13.69262	0.1439893	0.27826538	2.3236101	21	4 16.3	20.3
348607 2005 XJ_{87}	15.4	X	328.34392	0.51454	83.08816	12.39544	0.0803256	0.18300672	3.0724962	21	12 13.3	19.1
348608 2005 XH_{92}	15.3	X	287.47886	260.00384	256.49413	15.52223	0.2042584	0.18223632	3.0811494	21	12 28.6	19.0
348609 2005 XL_{111}	16.6	X	157.86804	332.84534	343.49953	4.87664	0.0892316	0.24530371	2.5273573	21	—	—
348610 2005 XG_{116}	17.6	X	255.59987	92.21958	321.92728	4.30233	0.1265448	0.29489997	2.2353879	21	7 25.2	20.2
348611 2005 XJ_{116}	16.7	X	50.13899	26.64074	78.88121	3.19063	0.0200213	0.20376806	2.8600830	21	1 23.9	20.6
348612 2005 YP	17.7	X	210.42326	263.27197	290.41038	9.98642	0.1335469	0.43484619	1.7254893	21	—	—
348613 2005 YG_{4}	17.4	X	43.86439	305.57673	78.65376	22.20214	0.1018727	0.37691710	1.8980406	21	—	—
348614 2005 YQ_{5}	17.0	X	20.86063	92.21530	81.76319	8.14516	0.0690306	0.27194877	2.3594530	21	3 3.1	19.7
348615 2005 YU_{13}	18.1	X	102.24464	314.93575	110.18831	2.11995	0.1452171	0.26594146	2.3948520	21	2 15.6	20.6
348616 2005 YK_{15}	15.2	X	126.47261	143.18995	112.23054	13.77262	0.0924957	0.17217751	3.2000132	21	11 16.2	20.3
348617 2005 YL_{26}	16.9	X	123.20166	30.21298	64.26141	2.62552	0.1072087	0.20990280	2.8040811	21	4 24.6	21.0
348618 2005 YV_{30}	16.6	X	74.31864	214.10927	289.63962	8.40150	0.1672953	0.27164321	2.3612220	21	4 23.2	19.3
348619 2005 YY_{41}	17.8	X	190.67898	112.53201	308.79163	1.89317	0.2128870	0.28250822	2.3002868	21	5 20.6	21.6
348620 2005 YE_{52}	18.0	X	36.82284	42.66698	122.62761	3.54783	0.1621407	0.26726453	2.3869418	21	3 17.9	19.8
348621 2005 YV_{52}	17.3	X	233.59943	105.21133	315.90456	3.32505	0.1717385	0.28977893	2.2616471	21	7 2.4	20.6
348622 2005 YP_{65}	17.8	X	191.46918	347.11952	84.04693	2.46155	0.1312143	0.28358563	2.2944569	21	6 3.9	21.3
348623 2005 YS_{65}	17.3	X	15.05743	156.87394	100.24365	7.85622	0.0830565	0.28244545	2.3006276	21	6 22.2	19.5
348624 2005 YD_{66}	17.5	X	65.25926	110.22050	88.95503	6.95894	0.1456276	0.27835096	2.3231339	21	7 1.5	20.0
348625 2005 YU_{67}	17.2	X	152.53936	108.35356	305.57130	5.70188	0.0964174	0.27344149	2.3508582	21	3 25.6	20.6
348626 2005 YT_{85}	17.6	X	228.37031	72.22168	288.56267	8.59054	0.2701230	0.28137830	2.3064408	21	3 30.6	21.8
348627 2005 YK_{91}	17.2	X	174.08016	179.53083	130.88550	7.02464	0.1332749	0.25633578	2.4543127	21	—	—
348628 2005 YV_{95}	17.2	X	73.03780	42.65971	80.84290	6.37821	0.0679798	0.26907304	2.3762343	21	3 15.7	20.0
348629 2005 YW_{109}	18.4	X	76.64864	312.04507	176.79620	2.16799	0.1349414	0.27046180	2.3680930	21	4 4.2	20.9
348630 2005 YB_{120}	15.7	X	330.75948	315.97054	132.16535	3.22694	0.1037701	0.18311872	3.0712433	21	12 22.6	19.3
348631 2005 YN_{121}	17.1	X	19.08144	54.43866	97.72385	6.88323	0.2658991	0.26270013	2.4145110	21	1 3.7	18.8
348632 2005 YY_{126}	17.6	X	177.63739	1.63716	76.82932	4.82780	0.2102610	0.28219079	2.3020115	21	6 1.2	21.3
348633 2005 YM_{130}	18.3	X	36.87364	163.59911	334.85653	0.69045	0.1319169	0.26484963	2.4014293	21	2 3.0	20.5
348634 2005 YL_{132}	17.6	X	139.13585	157.48405	285.84926	3.16615	0.1872436	0.27506972	2.3415720	21	4 29.9	21.0
348635 2005 YV_{142}	17.5	X	11.67576	139.92035	41.06191	2.10692	0.1307878	0.26617889	2.3934277	21	2 18.5	19.7
348636 2005 YX_{142}	17.5	X	129.99669	347.84250	99.89306	3.24137	0.1805289	0.27353896	2.3502997	21	4 28.0	20.7
348637 2005 YW_{147}	17.6	X	29.20241	50.24961	94.55002	5.77043	0.1532113	0.26257575	2.4152735	21	1 29.0	19.6
348638 2005 YE_{164}	17.4	X	225.19681	80.99050	319.40401	3.86718	0.1568861	0.28679027	2.2773325	21	5 26.3	20.7
348639 2005 YN_{167}	17.4	X	339.27245	29.79500	125.76198	8.28412	0.0400851	0.25759606	2.4463011	21	—	—
348640 2005 YZ_{167}	18.1	X	120.15344	316.18287	136.48338	3.29327	0.1717075	0.27327611	2.3518066	21	4 22.4	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348641 2005 YM_{168}	17.2	X	188.20735	105.41076	265.87043	5.52974	0.1263966	0.27268680	2.3551938	21	3 11.2	20.8
348642 2005 YY_{174}	17.6	X	188.11508	80.04693	102.49960	23.99006	0.0958429	0.36458717	1.9405960	21	11 21.9	20.4
348643 2005 YT_{175}	17.9	X	139.40450	36.30163	37.24096	1.92225	0.1628515	0.27420516	2.3464914	21	4 16.2	21.0
348644 2005 YN_{186}	17.3	X	80.65782	2.09014	109.25097	25.78269	0.2378230	0.26790124	2.3831584	21	4 18.5	20.7
348645 2005 YD_{187}	16.3	X	212.94542	204.53939	299.77484	4.32979	0.1136135	0.17071804	3.2182253	21	9 23.8	21.2
348646 2005 YT_{188}	17.0	X	185.29891	93.62112	307.29403	6.49490	0.1303085	0.27596562	2.3365015	21	4 15.1	20.7
348647 2005 YD_{196}	16.0	X	241.73233	301.24805	222.97503	24.76548	0.2196508	0.24261559	2.5459913	21	11 16.4	19.5
348648 2005 YG_{196}	17.3	X	163.41304	159.59918	294.85168	4.34502	0.1313600	0.28251666	2.3002410	21	6 5.6	20.6
348649 2005 YZ_{203}	18.0	X	17.77025	30.20370	135.15309	1.50702	0.1636558	0.26404755	2.4062899	21	2 3.2	20.2
348650 2005 YP_{217}	17.7	X	144.52279	114.82869	3.38315	2.21937	0.1432026	0.27985790	2.3147869	21	6 18.7	21.0
348651 2005 YL_{218}	17.5	X	122.98771	74.93541	29.78488	2.62423	0.1674409	0.27548872	2.3391972	21	5 9.6	20.6
348652 2005 YV_{219}	18.2	X	146.75647	205.25504	286.28791	2.97822	0.1996133	0.28449721	2.2895531	21	7 12.5	21.8
348653 2005 YF_{246}	17.8	X	106.21511	259.94773	213.68769	4.21849	0.2131151	0.27295957	2.3536244	21	5 8.9	20.7
348654 2005 YT_{250}	17.8	X	333.62820	19.43661	163.58473	1.89756	0.0358552	0.26116093	2.4239886	21	1 5.9	20.9
348655 2005 YS_{264}	17.6	X	2.59822	203.05086	351.77569	3.20189	0.0369379	0.26785179	2.3834517	21	3 2.8	20.3
348656 2005 YR_{266}	17.0	X	338.24539	265.74159	296.53815	4.82824	0.1909493	0.26413538	2.4057565	21	1 13.6	19.9
348657 2005 YU_{271}	16.6	X	61.14179	356.16466	142.32268	6.84799	0.0749361	0.26519409	2.3993493	21	3 17.7	19.2
348658 2005 YJ_{272}	17.8	X	48.40455	182.62413	339.67383	2.32015	0.1178678	0.26936598	2.3745112	21	3 31.1	20.0
348659 2005 YW_{280}	18.1	X	133.67056	192.06633	279.86729	1.81813	0.1696940	0.27711225	2.3300517	21	5 31.8	21.4
348660 2006 AU_{10}	17.5	X	102.11448	142.18385	326.62295	5.52552	0.1570398	0.27139411	2.3626666	21	4 15.0	20.5
348661 2006 AR_{13}	16.4	X	119.12370	350.76247	124.49535	9.04085	0.1742829	0.21112497	2.7932490	21	5 26.1	20.7
348662 2006 AH_{54}	18.2	X	166.71900	226.68390	210.00339	2.11331	0.1949106	0.27938571	2.3173942	21	5 19.8	21.8
348663 2006 AK_{68}	17.3	X	175.38217	72.84047	298.80233	5.15800	0.2366511	0.27046246	2.3680892	21	3 6.5	21.4
348664 2006 AE_{90}	16.2	X	33.03673	47.46847	80.29658	6.26930	0.0543934	0.20540223	2.8448931	21	1 29.9	19.8
348665 2006 BV_{2}	17.2	X	136.07687	3.04376	103.94654	6.65427	0.1893670	0.27629920	2.3346205	21	5 30.8	20.7
348666 2006 BR_{10}	17.6	X	15.54793	52.07164	118.04868	5.72991	0.1718091	0.26304671	2.4123897	21	2 6.1	19.5
348667 2006 BX_{11}	17.4	X	236.44392	193.78131	120.69697	7.51210	0.0247334	0.26744585	2.3858628	21	2 25.4	20.5
348668 2006 BT_{16}	17.3	X	262.30748	337.78577	263.09114	1.24862	0.1377286	0.25546502	2.4598866	21	—	—
348669 2006 BF_{18}	17.0	X	5.23801	35.08140	126.87311	7.34542	0.0794275	0.26190230	2.4194121	21	1 16.7	19.5
348670 2006 BX_{19}	17.6	X	128.87286	200.25383	275.75463	4.06012	0.1759351	0.27628878	2.3346792	21	6 1.7	21.0
348671 2006 BZ_{41}	17.0	X	101.49351	283.10052	144.84537	6.59513	0.1302546	0.26049139	2.4281405	21	2 16.7	19.6
348672 2006 BX_{51}	17.3	X	266.13312	285.80987	325.77074	3.99805	0.1491029	0.25658238	2.4527399	21	1 1.9	21.1
348673 2006 BR_{58}	17.1	X	45.62240	48.03233	106.92805	3.54849	0.1001335	0.26553092	2.3973199	21	3 17.2	19.4
348674 2006 BA_{61}	16.7	X	51.08237	196.94825	346.16938	12.40864	0.0926004	0.27308628	2.3528964	21	4 28.2	19.4
348675 2006 BU_{61}	16.6	X	145.21879	151.31282	319.79227	24.42540	0.1440785	0.28059379	2.3107379	21	6 10.7	20.5
348676 2006 BL_{64}	17.9	X	138.85154	279.73071	134.49539	2.73420	0.2058087	0.27073985	2.3664714	21	3 27.3	21.2
348677 2006 BY_{65}	17.4	X	353.72381	107.08123	95.80122	3.44423	0.1338087	0.26429103	2.4048118	21	2 18.6	19.8
348678 2006 BB_{74}	16.6	X	164.59369	174.54139	111.12123	8.01019	0.1950039	0.24479413	2.5308635	21	—	—
348679 2006 BL_{75}	17.1	X	320.82884	131.26786	73.86245	3.12866	0.1504191	0.25813734	2.4428802	21	1 1.9	20.3
348680 2006 BO_{75}	16.9	X	219.67777	223.97026	53.21358	3.14775	0.1710703	0.25331038	2.4738160	21	—	—
348681 2006 BF_{76}	17.8	X	24.46958	97.95124	85.03948	3.11475	0.1146435	0.26669073	2.3903643	21	3 19.8	20.0
348682 2006 BE_{77}	17.4	X	192.64838	57.94386	270.04207	3.28646	0.0721430	0.26185687	2.4196919	21	1 21.0	20.8
348683 2006 BS_{85}	18.1	X	90.01101	76.08927	26.23680	1.60257	0.1429858	0.26738415	2.3862299	21	3 20.4	20.6
348684 2006 BC_{89}	17.4	X	329.43284	101.60868	117.02055	2.94764	0.1422333	0.26205150	2.4184937	21	1 31.6	20.3
348685 2006 BS_{90}	18.1	X	127.17538	350.81875	107.26724	2.30831	0.1457933	0.27114672	2.3641034	21	5 4.3	21.4
348686 2006 BH_{91}	17.5	X	69.52807	216.63365	315.39038	6.61902	0.0495923	0.27218647	2.3580791	21	5 9.9	20.4
348687 2006 BC_{96}	16.8	X	160.97181	245.03530	324.28404	4.76167	0.1055634	0.29269308	2.2466103	21	11 3.8	20.0
348688 2006 BX_{98}	17.8	X	136.51684	80.09692	356.15301	2.21155	0.1845574	0.27103330	2.3647630	21	4 18.5	21.1
348689 2006 BD_{103}	15.9	X	42.38211	246.67381	174.00625	2.97257	0.2519234	0.12548615	3.9512895	21	—	—
348690 2006 BD_{105}	17.9	X	160.57771	28.04493	352.23970	2.33720	0.2297113	0.26951668	2.3736260	21	3 6.5	21.7
348691 2006 BF_{108}	17.2	X	335.09679	300.16388	331.12658	6.52649	0.1040311	0.27404715	2.3473933	21	4 26.2	19.7
348692 2006 BF_{110}	17.3	X	109.34051	337.07851	51.61759	2.42916	0.2047639	0.25991039	2.4317577	21	1 18.3	20.0
348693 2006 BP_{116}	17.6	X	92.13869	171.74509	311.20056	3.85887	0.1099431	0.26883010	2.3776657	21	4 13.8	20.5
348694 2006 BT_{135}	17.8	X	51.36366	356.10685	130.65950	3.40490	0.1231453	0.26172033	2.4205334	21	2 14.6	20.2
348695 2006 BG_{163}	18.2	X	65.25189	165.90678	326.79019	0.84531	0.1202659	0.26645910	2.3917494	21	3 18.9	20.4
348696 2006 BL_{177}	18.4	X	120.30100	218.39032	221.01806	1.97104	0.2005439	0.27061615	2.3671925	21	4 6.9	21.4
348697 2006 BD_{183}	16.5	X	226.78852	298.62825	138.01629	6.72186	0.1123455	0.22098485	2.7095326	21	7 20.2	20.5
348698 2006 BO_{193}	17.8	X	109.27555	211.79150	286.05691	2.07566	0.1842643	0.27475722	2.3433472	21	6 10.6	20.9
348699 2006 BK_{205}	17.8	X	168.67507	37.99423	12.90334	1.27098	0.1709838	0.27245938	2.3565041	21	4 16.9	21.2
348700 2006 BA_{214}	17.7	X	71.93439	0.44267	154.03773	5.54023	0.1643284	0.27194280	2.3594874	21	5 11.2	20.2
348701 2006 BM_{224}	17.8	X	109.84143	338.63604	155.49130	4.27566	0.1190798	0.27428953	2.3460102	21	5 28.9	20.8
348702 2006 BR_{245}	17.2	X	164.39369	339.97125	346.94462	2.53709	0.1981883	0.25418038	2.4681679	21	1 3.3	21.0
348703 2006 BM_{269}	17.1	X	82.54230	307.83970	231.91064	8.43292	0.2104540	0.27389165	2.3482816	21	7 8.3	20.1
348704 2006 BU_{274}	13.3	X	13.76195	264.21094	354.84842	10.06929	0.0473080	0.08368069	5.1766946	21	6 25.3	20.0
348705 2006 BG_{276}	16.9	X	136.06355	80.08306	329.58423	5.99224	0.1231559	0.26533746	2.3984850	21	3 6.7	20.2
348706 2006 BF_{278}	17.9	X	91.95925	301.90761	152.32661	1.44403	0.1538714	0.26629572	2.3927276	21	3 13.7	20.5
348707 2006 CL_{3}	17.7	X	152.64813	193.71467	163.01031	2.78196	0.2174980	0.26195172	2.4191077	21	1 28.4	21.2
348708 2006 CO_{9}	16.5	X	358.46607	265.58918	335.28486	9.82168	0.1848751	0.26922293	2.3753522	21	4 12.6	18.7
348709 2006 CH_{26}	17.7	X	140.46880	268.13145	110.27366	2.07844	0.1911242	0.26367838	2.4085354	21	2 9.7	21.0
348710 2006 CR_{29}	17.5	X	294.73098	339.27196	254.57646	1.77438	0.1457351	0.25740012	2.4475424	21	1 8.6	20.9
348711 2006 CA_{44}	16.7	X	164.05609	179.14157	63.26152	8.84254	0.2959663	0.22563207	2.6721992	21	12 4.9	21.5
348712 2006 CO_{68}	17.4	X	26.90069	146.04178	346.88272	5.75400	0.0655727	0.25507327	2.4624046	21	1 15.1	20.3
348713 2006 DJ_{17}	16.9	X	151.96368	327.08223	10.00525	6.36588	0.1187965	0.25258834	2.4785281	21	—	—
348714 2006 DF_{34}	16.3	X	117.56047	331.40422	18.41224	2.44022	0.1345203	0.24393722	2.5367870	21	—	—
348715 2006 DW_{36}	16.8	X	78.01105	55.52982	173.82840	10.11752	0.1850332	0.21299126	2.7769082	21	9 2.6	20.8
348716 2006 DK_{39}	17.8	X	98.95698	220.87823	7.94544	3.13624	0.1200521	0.28251038	2.3002751	21	9 24.9	20.7
348717 2006 DR_{41}	17.3	X	66.01138	17.23737	147.24386	4.09212	0.1684311	0.26843195	2.3800162	21	5 16.4	19.7
348718 2006 DO_{42}	16.8	X	203.38971	20.25425	278.38994	5.20855	0.1618508	0.25705396	2.4497392	21	1 1.4	20.6
348719 2006 DF_{47}	15.5	X	187.07259	124.75964	148.94762	13.93185	0.1201859	0.18058024	3.0999586	21	—	—
348720 2006 DY_{50}	17.4	X	148.03102	58.99811	19.79595	7.01302	0.1004706	0.27037273	2.3686131	21	4 25.5	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348721 2006 DJ_{70}	16.1	X	196.44956	121.26405	124.77406	13.54347	0.1206146	0.23168155	2.6254782	21	—	—
348722 2006 DS_{71}	15.8	X	116.50702	218.98041	141.35215	4.44955	0.1672504	0.24578495	2.5240572	21	—	—
348723 2006 DN_{106}	17.4	X	204.29160	100.38304	147.33851	1.88294	0.1229247	0.24034422	2.5620067	21	—	—
348724 2006 DP_{120}	16.4	X	277.63053	76.26270	107.50166	13.80993	0.1229836	0.24405661	2.5359596	21	—	—
348725 2006 DC_{125}	17.6	X	326.98892	348.79311	216.70402	2.72340	0.0739453	0.26167393	2.4208195	21	1 20.3	20.6
348726 2006 DP_{157}	17.8	X	106.21927	13.35410	104.74934	2.42637	0.1296703	0.26899682	2.3766831	21	5 3.4	20.8
348727 2006 DB_{163}	17.6	X	147.09106	91.59613	320.27675	3.87713	0.2447933	0.26837219	2.3803695	21	4 2.3	21.4
348728 2006 DH_{216}	17.9	X	7.34910	313.65206	192.99969	3.07696	0.1728233	0.25446435	2.4663313	21	—	—
348729 2006 EP_{44}	17.4	X	169.51672	180.80544	195.50483	7.09592	0.0748600	0.25805214	2.4434178	21	2 25.0	20.8
348730 2006 EK_{46}	17.7	X	106.32349	61.58710	24.49356	1.71287	0.1576764	0.26732971	2.3865538	21	3 23.9	20.6
348731 2006 EH_{47}	17.9	X	125.01181	47.65613	87.89497	2.43858	0.1228019	0.27565400	2.3382620	21	6 18.5	21.0
348732 2006 FT_{7}	17.2	X	239.06366	159.07302	43.75964	3.38453	0.0715792	0.23677131	2.5877163	21	—	—
348733 2006 FH_{17}	17.4	X	100.43343	18.06614	159.84703	0.41071	0.1524515	0.27391965	2.3481217	21	7 21.6	20.5
348734 2006 FX_{19}	16.5	X	85.41154	348.02263	27.54100	6.54476	0.1111619	0.23870291	2.5737374	21	—	—
348735 2006 FV_{22}	17.1	X	102.87071	171.24794	149.28891	2.90778	0.2018571	0.23355471	2.6114214	21	—	—
348736 2006 FP_{35}	17.0	X	42.60636	176.50438	12.67781	9.35850	0.2238483	0.26470050	2.4023311	21	5 12.2	19.0
348737 2006 FN_{41}	17.3	X	45.57933	308.88395	171.40517	2.46786	0.1428409	0.25446139	2.4663504	21	1 26.7	19.4
348738 2006 FQ_{51}	16.9	X	137.46954	49.44703	200.00046	13.01297	0.0929586	0.22441117	2.6818824	21	11 23.9	21.1
348739 2006 GS_{3}	15.1	X	308.15390	93.36981	149.89058	6.32658	0.1115343	0.12740433	3.9115293	21	3 4.7	20.5
348740 2006 GH_{4}	16.0	X	121.43751	350.09164	351.83634	4.73617	0.2238732	0.24445907	2.5331755	21	—	—
348741 2006 GK_{25}	16.3	X	66.56107	11.33190	36.81913	3.92403	0.0803469	0.24316844	2.5421309	21	—	—
348742 2006 GB_{31}	17.4	X	163.19334	61.28669	193.19875	4.05261	0.2353861	0.22803636	2.6533832	21	12 20.3	22.1
348743 2006 HG_{5}	16.3	X	166.89985	240.08504	59.52397	14.22038	0.1674779	0.23833896	2.5763569	21	—	—
348744 2006 HZ_{9}	17.0	X	107.52878	168.36229	108.14789	6.80190	0.1333053	0.22381319	2.6866573	21	11 28.8	21.2
348745 2006 HB_{10}	16.8	X	37.30482	306.14753	107.56742	7.38597	0.0939649	0.23897102	2.5718120	21	—	—
348746 2006 HK_{15}	16.8	X	215.22443	158.48927	50.66651	14.71167	0.1935486	0.23213555	2.6220539	21	12 13.2	20.8
348747 2006 HN_{16}	16.5	X	272.63414	27.78255	83.29820	16.04616	0.0828626	0.22421993	2.6834071	21	11 10.6	20.1
348748 2006 HO_{24}	16.3	X	333.17724	13.04147	207.28379	10.92931	0.1794235	0.18890556	3.0081967	21	2 14.0	20.4
348749 2006 HG_{40}	17.3	X	332.49021	56.31638	104.97591	5.30738	0.1091494	0.24468439	2.5316201	21	—	—
348750 2006 HQ_{41}	16.4	X	56.43089	331.81242	88.81426	15.85408	0.1882561	0.24044921	2.5612609	21	—	—
348751 2006 HT_{43}	18.4	X	316.46036	337.66417	234.87522	2.67086	0.0629952	0.31469471	2.1406373	21	1 5.3	21.0
348752 2006 HX_{49}	17.5	X	331.07880	173.10823	56.27845	2.34860	0.1455344	0.25782310	2.4448647	21	2 18.9	20.3
348753 2006 HH_{54}	17.2	X	270.54302	185.64592	32.59268	8.96892	0.1586644	0.24454656	2.5325713	21	—	—
348754 2006 HZ_{62}	17.2	X	154.57785	184.37407	73.82996	3.79370	0.0477097	0.22874791	2.6478780	21	12 22.5	20.8
348755 2006 HD_{66}	16.2	X	53.59624	301.59512	51.70650	14.88983	0.2376401	0.22316208	2.6918806	21	—	—
348756 2006 HS_{73}	16.4	X	12.69877	290.77001	84.28256	7.50893	0.0579804	0.22329535	2.6908094	21	11 28.3	19.8
348757 2006 HS_{80}	17.1	X	202.29134	189.90561	39.88719	4.19410	0.0603198	0.23191627	2.6237064	21	—	—
348758 2006 HS_{91}	17.1	X	271.64138	62.93377	121.64189	4.76662	0.2124595	0.23871188	2.5736730	21	—	—
348759 2006 HB_{93}	16.9	X	65.65226	204.92554	127.72890	3.74366	0.0885646	0.22435405	2.6823376	21	12 17.2	20.6
348760 2006 HK_{107}	16.6	X	152.35275	187.29984	86.03357	7.49785	0.1860336	0.22903556	2.6456604	21	—	—
348761 2006 HT_{107}	16.2	X	64.88183	271.48003	64.16044	14.08885	0.1858038	0.22342057	2.6898039	21	12 31.1	20.4
348762 2006 HS_{111}	16.4	X	206.56012	261.02835	5.82276	12.51903	0.2450567	0.23727707	2.5840379	21	—	—
348763 2006 HD_{153}	16.8	X	178.65870	119.00282	118.45606	3.50352	0.0709493	0.22727050	2.6593408	21	12 22.2	20.5
348764 2006 JM_{21}	16.9	X	251.20865	86.18359	152.59919	7.04885	0.0731319	0.24140510	2.5544952	21	—	—
348765 2006 JC_{23}	17.5	X	75.64713	110.74614	0.99261	1.20867	0.1407181	0.25785269	2.4446776	21	3 11.4	20.0
348766 2006 JW_{34}	16.1	X	5.21239	264.03140	228.72752	13.24459	0.0420906	0.24435195	2.5339158	21	—	—
348767 2006 JW_{36}	16.1	X	318.81384	268.77337	134.22960	13.64312	0.1194402	0.21744399	2.7388680	21	10 17.2	19.5
348768 2006 JJ_{40}	17.1	X	73.96353	69.70464	55.78116	7.10874	0.1503807	0.26127332	2.4232935	21	4 1.8	19.7
348769 2006 JR_{43}	18.1	X	315.93980	47.64980	213.77495	20.55490	0.0557273	0.38796972	1.8618192	21	2 24.1	20.5
348770 2006 JL_{53}	16.8	X	219.88986	156.04940	61.32174	30.24819	0.1422108	0.23314844	2.6144542	21	—	—
348771 2006 KQ	16.6	X	236.26838	155.04906	82.35770	6.18905	0.2012412	0.23808514	2.5781877	21	—	—
348772 2006 KN_{15}	16.1	X	40.89017	285.50127	71.74904	9.05099	0.0408677	0.22360737	2.6883056	21	12 10.1	19.7
348773 2006 KX_{23}	16.2	X	121.56598	203.00730	77.18051	10.85781	0.2559573	0.22362446	2.6881686	21	12 18.9	21.0
348774 2006 KG_{27}	16.4	X	32.54527	274.60107	55.81935	12.78078	0.1789384	0.21525492	2.7574056	21	11 13.9	19.6
348775 2006 KR_{35}	16.2	X	58.74704	210.88289	127.56681	15.42584	0.0885142	0.22177300	2.7031093	21	12 17.3	20.1
348776 2006 KZ_{37}	19.1	X	59.70198	243.20285	95.67759	21.36927	0.2087146	0.67688668	1.2846714	21	—	—
348777 2006 KX_{50}	16.5	X	46.70434	135.45295	229.00061	13.83472	0.0247823	0.22695045	2.6618405	21	12 23.9	20.2
348778 2006 KS_{53}	17.6	X	273.93341	127.04520	86.85802	5.87332	0.1809980	0.24166049	2.5526951	21	—	—
348779 2006 KJ_{54}	16.6	X	31.70485	31.99603	74.68493	12.94263	0.0143906	0.24241419	2.5474012	21	—	—
348780 2006 KD_{57}	16.3	X	150.54657	198.47387	73.51916	19.87545	0.0254083	0.22850125	2.6497832	21	—	—
348781 2006 KB_{60}	16.8	X	359.75979	320.28428	164.87232	6.73922	0.1848041	0.24312694	2.5424202	21	—	—
348782 2006 KY_{61}	16.6	X	18.74063	148.88665	200.35446	8.71272	0.1503838	0.21523629	2.7575647	21	11 14.1	19.8
348783 2006 KJ_{86}	16.4	X	202.29549	141.09704	100.05632	12.77035	0.1338878	0.23381042	2.6095171	21	—	—
348784 2006 KK_{112}	16.9	X	114.88444	145.24205	183.67978	13.04902	0.0682456	0.23077502	2.6323493	21	—	—
348785 2006 OD_{12}	15.6	X	275.03082	201.20798	141.80933	10.34549	0.2908288	0.18442513	3.0567223	21	4 29.1	20.6
348786 2006 OG_{20}	16.5	X	316.72464	226.38930	102.56909	11.71362	0.2551496	0.19229318	2.9727619	21	6 5.0	20.0
348787 2006 PX_{5}	13.0	X	44.54902	35.65504	323.31449	27.82501	0.0394896	0.08125389	5.2792625	21	11 12.6	20.2
348788 2006 PK_{7}	15.5	X	219.47793	13.08535	319.89407	22.21683	0.1232783	0.17502164	3.1652515	21	3 1.6	20.7
348789 2006 PF_{10}	17.7	X	96.37882	142.33209	188.76637	3.41127	0.1638520	0.28327272	2.2961463	21	—	—
348790 2006 PM_{14}	16.2	X	215.84198	198.14002	127.95881	16.60956	0.2405921	0.17420354	3.1751536	21	2 25.1	21.8
348791 2006 PY_{22}	17.2	X	103.43387	134.35734	190.08165	3.71050	0.3205782	0.21637740	2.7478612	21	—	—
348792 2006 PA_{30}	17.0	X	322.67278	202.61923	139.48824	8.93393	0.2334132	0.26037594	2.4288582	21	7 6.8	19.1
348793 2006 QH_{3}	16.6	X	97.76414	331.76189	353.61709	7.69143	0.2701598	0.21445293	2.7642760	21	—	—
348794 2006 QC_{9}	17.0	X	157.88911	194.74904	156.24412	8.68894	0.1728545	0.22954617	2.6417356	21	1 26.6	21.0
348795 2006 QL_{10}	16.5	X	333.09759	327.17375	29.99429	9.86853	0.2476127	0.26270401	2.4144872	21	9 5.7	18.1
348796 2006 QX_{26}	17.3	X	54.94114	352.08997	326.47114	6.39575	0.2286180	0.27291634	2.3538730	21	12 13.5	20.7
348797 2006 QO_{29}	17.5	X	134.31050	236.93528	116.42653	6.20969	0.1868643	0.29387013	2.2406073	21	—	—
348798 2006 QG_{30}	16.4	X	332.83336	341.37276	334.91588	10.36063	0.2362543	0.25934963	2.4352616	21	6 17.1	18.6
348799 2006 QT_{33}	16.2	X	267.31139	62.77327	320.36647	7.65137	0.1634204	0.18428610	3.0582595	21	6 21.7	20.8
348800 2006 QK_{43}	15.5	X	266.22084	156.74963	177.11283	14.71930	0.2857915	0.18012324	3.1051998	21	4 9.2	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348801 2006 QZ_{43}	15.5	X	239.95788	299.40030	327.70342	25.90068	0.2386560	0.17103261	3.2142780	21	1 12.6	21.3
348802 2006 QF_{58}	16.4	X	326.02157	111.11384	235.72283	13.57956	0.2377491	0.26124085	2.4234942	21	7 17.7	18.7
348803 2006 QS_{105}	16.5	X	254.66683	114.45352	260.52640	3.86100	0.2048767	0.18487795	3.0517290	21	5 23.6	21.4
348804 2006 QG_{115}	17.2	X	324.09215	100.90588	249.62741	5.65718	0.2471119	0.26005552	2.4308528	21	7 20.8	19.1
348805 2006 QQ_{126}	15.8	X	226.42814	209.26397	142.22214	18.40224	0.2119860	0.17624529	3.1505838	21	4 6.4	21.3
348806 2006 QL_{128}	17.7	X	193.45432	102.18371	159.65811	23.85748	0.0465195	0.35512870	1.9749019	21	—	—
348807 2006 QM_{128}	15.9	X	294.15370	58.67750	294.82981	10.97890	0.1408487	0.18936849	3.0032921	21	6 20.9	20.0
348808 2006 QR_{142}	15.5	X	227.54335	73.39693	309.23514	24.19242	0.3062064	0.17870371	3.1216222	21	4 23.4	21.6
348809 2006 QW_{160}	16.4	X	263.13887	233.42753	166.90126	2.07072	0.1267822	0.18903614	3.0068111	21	7 13.1	20.8
348810 2006 QJ_{164}	16.7	X	87.69078	78.37777	261.38423	9.75736	0.2589405	0.21399089	2.7682535	21	—	—
348811 2006 QO_{164}	15.4	X	299.74862	40.31467	290.12045	15.08202	0.1665568	0.18644744	3.0345789	21	5 23.3	19.7
348812 2006 QP_{183}	17.4	X	232.90026	319.55109	30.97490	8.34086	0.2261963	0.24221245	2.5488155	21	4 1.4	21.7
348813 2006 QK_{186}	16.3	X	342.19197	101.70566	178.31937	9.45037	0.1162578	0.18444206	3.0565352	21	6 1.4	20.2
348814 2006 QN_{186}	16.8	X	240.26738	107.38361	322.45694	0.33951	0.0751165	0.18863953	3.0110242	21	7 30.8	21.1
348815 2006 RA_{3}	15.7	X	26.92765	87.35683	254.90364	13.52309	0.1682002	0.20420372	2.8560137	21	11 15.8	19.2
348816 2006 RF_{15}	16.9	X	264.99905	106.81055	309.33715	15.92339	0.2165305	0.19111776	2.9849382	21	7 24.8	21.4
348817 2006 RE_{16}	16.0	X	229.15920	79.36305	333.79772	15.29702	0.2459604	0.18151253	3.0893348	21	6 12.9	21.5
348818 2006 RM_{17}	15.4	X	287.20669	39.75880	285.55743	8.67121	0.0952604	0.18100814	3.0950712	21	5 10.7	19.8
348819 2006 RQ_{27}	15.5	X	203.09868	256.49728	153.64336	18.86042	0.2306770	0.17687825	3.1430631	21	5 25.2	21.3
348820 2006 RN_{30}	17.8	X	47.09007	83.40259	223.44370	1.42369	0.2122465	0.26929770	2.3749125	21	11 16.9	20.8
348821 2006 RA_{38}	15.6	X	206.56978	347.71486	16.24776	19.43192	0.1267531	0.17131854	3.2107006	21	4 2.9	20.7
348822 2006 RF_{46}	16.6	X	247.01047	223.05569	123.02930	2.38643	0.1865397	0.17634246	3.1494263	21	4 15.0	21.7
348823 2006 RS_{46}	16.8	X	321.24271	180.83881	122.44001	1.88993	0.1435227	0.18343908	3.0676665	21	5 25.2	20.7
348824 2006 RX_{50}	16.4	X	284.12340	166.12716	195.85284	9.52847	0.0790597	0.18358951	3.0659905	21	6 26.8	20.8
348825 2006 RV_{54}	16.4	X	249.31322	40.77430	23.52227	6.18752	0.1566685	0.18560121	3.0437958	21	7 25.9	21.0
348826 2006 RY_{56}	16.0	X	222.22531	15.64578	17.82502	11.10956	0.1021501	0.17727051	3.1384247	21	5 20.6	20.9
348827 2006 RF_{58}	16.5	X	207.90078	318.44343	4.34234	14.53541	0.1387701	0.23279749	2.6170812	21	2 12.0	20.8
348828 2006 RJ_{59}	16.6	X	249.71396	126.61968	239.91514	0.95740	0.2057088	0.17914570	3.1164856	21	5 8.9	21.5
348829 2006 RX_{62}	15.8	X	239.34951	57.63555	0.46247	19.87163	0.2484555	0.18497596	3.0506510	21	6 29.4	21.2
348830 2006 RQ_{68}	16.7	X	348.00638	251.65913	56.96930	1.65054	0.0560747	0.18925181	3.0045263	21	7 21.9	20.6
348831 2006 RD_{78}	16.4	X	200.20370	344.09568	90.98425	2.42982	0.1786938	0.17978204	3.1091274	21	6 18.7	21.5
348832 2006 RC_{81}	15.9	X	219.56636	25.25229	8.27489	10.41296	0.1231055	0.17865272	3.1222161	21	5 16.4	20.9
348833 2006 RX_{83}	16.8	X	246.65363	25.03052	352.54212	0.58257	0.0461618	0.18060475	3.0996782	21	6 4.9	21.3
348834 2006 RV_{92}	16.6	X	193.31516	203.56210	212.10597	3.18553	0.1547779	0.17543927	3.1602262	21	5 21.1	21.7
348835 2006 RL_{98}	15.5	X	254.54411	230.06178	140.62450	17.81644	0.1179633	0.18251958	3.0779608	21	6 1.1	20.4
348836 2006 RN_{108}	16.7	X	253.72585	51.02305	343.74585	0.41278	0.0080650	0.18450537	3.0558360	21	7 11.2	21.0
348837 2006 RO_{110}	16.4	X	158.77136	334.10633	187.27111	3.82851	0.1337296	0.18762801	3.0218363	21	8 24.8	21.1
348838 2006 RO_{121}	15.7	X	192.96848	254.51198	189.56893	9.67118	0.0880546	0.17966515	3.1104758	21	6 24.7	20.7
348839 2006 SE_{4}	16.1	X	290.20712	106.99089	216.92360	9.20439	0.1829182	0.18254942	3.0776254	21	5 2.1	20.4
348840 2006 SK_{7}	16.1	X	303.61844	293.11704	56.43879	9.56320	0.1009203	0.18907209	3.0064300	21	7 5.3	20.1
348841 2006 SC_{11}	16.0	X	279.62551	21.70156	355.89468	9.89745	0.1231474	0.18747050	3.0235286	21	7 6.9	20.3
348842 2006 SL_{15}	16.3	X	269.27597	136.12075	216.21608	4.25343	0.1409998	0.18152460	3.0891979	21	5 19.1	20.7
348843 2006 SB_{24}	15.5	X	163.93621	17.46929	66.31611	15.39920	0.1549991	0.17230853	3.1983908	21	5 28.3	20.6
348844 2006 SQ_{32}	16.2	X	254.07489	223.01636	190.46956	9.48486	0.1182258	0.18719060	3.0265419	21	7 18.7	20.8
348845 2006 SO_{36}	16.7	X	122.36315	261.36300	86.07342	7.92749	0.3251688	0.22088885	2.7103176	21	1 7.2	20.6
348846 2006 SB_{40}	16.7	X	282.51712	295.67813	107.85653	2.78896	0.1878753	0.19072270	2.9890588	21	8 2.6	20.8
348847 2006 SC_{41}	15.4	X	235.32192	290.57750	123.05635	7.61945	0.1225765	0.18389967	3.0625422	21	6 29.3	20.1
348848 2006 SK_{59}	15.7	X	207.34440	115.14738	266.98870	10.57503	0.2892475	0.17402421	3.1773344	21	4 17.1	21.5
348849 2006 SR_{71}	17.0	X	285.80201	259.31065	27.37368	9.13898	0.1509227	0.23884817	2.5726938	21	3 12.5	20.7
348850 2006 SY_{73}	17.4	X	243.23680	258.20841	57.84865	4.11932	0.1189446	0.23544862	2.5973987	21	3 6.3	21.4
348851 2006 SP_{79}	15.3	X	226.68813	161.16470	233.11938	15.85852	0.2209904	0.17857897	3.1230757	21	5 21.4	20.5
348852 2006 ST_{86}	16.3	X	184.39081	266.62740	192.29731	9.00546	0.0309057	0.18185855	3.0854149	21	7 4.1	21.0
348853 2006 SP_{88}	16.4	X	107.54929	0.59724	190.28715	8.13030	0.0808939	0.18460181	3.0547717	21	8 2.6	21.0
348854 2006 SB_{89}	16.2	X	175.14536	290.27175	190.06207	10.60734	0.0297164	0.18420527	3.0591540	21	7 19.3	20.8
348855 2006 SG_{98}	16.2	X	204.90589	227.84155	199.90501	8.98434	0.1226733	0.17787410	3.1313209	21	6 16.0	21.2
348856 2006 SQ_{128}	15.9	X	235.39277	146.12915	241.85129	16.24978	0.2152012	0.17952141	3.1121359	21	5 21.3	21.0
348857 2006 SR_{128}	15.4	X	251.97453	88.03003	300.52795	15.84309	0.1413336	0.18253212	3.0778197	21	6 14.5	20.3
348858 2006 SW_{128}	16.1	X	229.24074	104.75250	308.45750	15.01660	0.1620428	0.18090404	3.0962585	21	6 20.4	21.2
348859 2006 SA_{129}	15.8	X	282.65644	26.15838	309.43336	10.81347	0.2371510	0.18190067	3.0849385	21	4 25.7	20.7
348860 2006 SU_{130}	15.8	X	207.67298	106.63643	338.52913	13.55680	0.2676045	0.17995600	3.1071234	21	7 6.1	21.4
348861 2006 SD_{132}	15.4	X	296.33856	93.31473	263.60196	9.24057	0.0179071	0.18566596	3.0430881	21	7 14.7	19.7
348862 2006 SK_{133}	16.3	X	285.57821	123.42702	242.29787	8.63356	0.1151186	0.18762255	3.0218949	21	6 28.1	20.4
348863 2006 SQ_{138}	16.0	X	270.08181	173.58599	174.96303	18.04350	0.2310938	0.17958093	3.1114481	21	5 7.4	21.0
348864 2006 SG_{139}	15.6	X	237.10611	320.39053	72.52304	8.78502	0.2045833	0.17918023	3.1160851	21	5 29.7	20.6
348865 2006 SO_{141}	16.1	X	222.07394	253.58981	125.85355	9.85313	0.2317688	0.17494120	3.1662217	21	5 3.4	21.6
348866 2006 SH_{144}	17.1	X	194.00493	228.83119	205.89512	5.04500	0.1325268	0.17825159	3.1268985	21	6 13.9	22.2
348867 2006 SO_{145}	15.8	X	219.94245	220.90111	191.06695	11.24497	0.0926119	0.17992181	3.1075170	21	6 13.7	20.7
348868 2006 SR_{152}	15.9	X	229.90263	274.47428	142.91986	14.34970	0.2506007	0.18046595	3.1012673	21	6 19.8	21.3
348869 2006 SN_{157}	16.5	X	274.55554	178.70593	179.96070	9.34609	0.1445196	0.18367831	3.0650022	21	6 2.6	21.1
348870 2006 SO_{160}	15.9	X	259.26492	33.17386	32.44252	13.41694	0.1124811	0.18730239	3.0253375	21	8 18.7	20.4
348871 2006 SS_{162}	16.6	X	160.97415	70.00055	61.77179	1.95309	0.1426330	0.17923569	3.1154424	21	7 23.0	21.6
348872 2006 SN_{176}	16.5	X	12.35847	10.11869	261.74469	1.62929	0.1502137	0.18734229	3.0249080	21	7 13.1	19.9
348873 2006 SC_{182}	17.2	X	168.47202	225.85176	124.66963	8.05246	0.3070652	0.22920066	2.6443898	21	2 15.2	21.8
348874 2006 SM_{199}	16.7	X	288.64502	5.50655	317.72151	0.12969	0.1803907	0.18144833	3.0900635	21	4 29.5	21.0
348875 2006 SP_{201}	16.6	X	274.66777	125.61598	201.29416	9.06623	0.0921755	0.17613248	3.1519289	21	5 1.0	21.1
348876 2006 SR_{201}	16.4	X	247.13100	332.22834	9.04857	1.28919	0.0733983	0.17306491	3.1890650	21	4 18.5	21.0
348877 2006 SS_{202}	16.3	X	196.34077	267.07545	188.80899	2.33687	0.0681671	0.18436066	3.0574348	21	7 13.8	21.0
348878 2006 SX_{205}	15.3	X	200.08817	2.94641	30.87624	16.12647	0.1672918	0.17306027	3.1891220	21	4 29.2	20.5
348879 2006 SJ_{210}	17.1	X	219.89015	32.31568	28.54513	0.81008	0.1744884	0.18090821	3.0962108	21	6 18.9	22.1
348880 2006 SY_{211}	16.4	X	287.57248	101.62439	196.60917	10.35166	0.2276207	0.17587208	3.1550393	21	3 22.0	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348881 2006 SR_{218}	17.8	X	195.37143	103.90861	256.58352	4.86802	0.1907898	0.30027864	2.2086137	21	3 4.1	21.4
348882 2006 SP_{240}	16.1	X	190.33893	252.93551	178.02533	11.26818	0.0539773	0.17913889	3.1165645	21	6 7.5	20.9
348883 2006 SF_{245}	16.5	X	285.90228	182.32175	179.99590	16.45533	0.0981761	0.18539050	3.0461017	21	6 26.8	21.0
348884 2006 SN_{259}	16.3	X	73.59194	355.02308	201.55490	9.36474	0.0133262	0.17990396	3.1077225	21	6 20.1	20.8
348885 2006 SQ_{259}	16.8	X	105.10294	288.19034	350.27151	1.40780	0.0353631	0.20194057	2.8773123	21	11 15.6	20.8
348886 2006 SF_{264}	15.8	X	133.62305	262.75409	234.10227	12.48124	0.1002524	0.17656379	3.1467938	21	6 27.7	20.7
348887 2006 SU_{265}	16.6	X	221.72708	168.06501	248.55742	5.00651	0.1489836	0.17867301	3.1219798	21	6 17.2	21.5
348888 2006 SX_{266}	16.7	X	237.02630	194.43926	252.85325	4.85344	0.1600417	0.18492997	3.0511568	21	8 6.7	21.4
348889 2006 SD_{268}	16.0	X	323.53716	18.38246	0.75603	9.89820	0.1015630	0.19214582	2.9742816	21	9 15.2	19.5
348890 2006 SC_{270}	16.8	X	218.59545	223.93187	153.00112	14.88085	0.2836261	0.23954570	2.5676972	21	4 23.2	21.6
348891 2006 SC_{274}	17.7	X	261.43360	224.58928	220.14112	5.65100	0.0998621	0.25504327	2.4625977	21	9 14.1	20.8
348892 2006 SA_{294}	16.6	X	250.11101	178.27153	207.40810	4.60708	0.1463191	0.18254515	3.0776733	21	6 7.9	21.2
348893 2006 SF_{301}	16.4	X	256.21714	324.71497	44.04172	3.25991	0.0746461	0.17872671	3.1213544	21	6 1.5	20.9
348894 2006 ST_{314}	16.1	X	175.27444	278.18997	178.20277	7.60745	0.1071870	0.17828159	3.1265476	21	6 22.2	21.1
348895 2006 SS_{334}	16.4	X	305.70324	190.01257	117.62182	3.10953	0.1406556	0.18076749	3.0978176	21	5 9.1	20.4
348896 2006 SE_{339}	16.1	X	179.70800	271.99925	172.63198	10.22939	0.1392419	0.17725676	3.1385871	21	6 13.1	21.3
348897 2006 SA_{343}	16.3	X	150.51143	232.37127	228.74774	8.28770	0.0676029	0.17440098	3.1727567	21	5 31.6	21.0
348898 2006 SF_{347}	15.7	X	287.20773	325.98873	15.09245	8.84492	0.0485649	0.17989779	3.1077935	21	6 7.6	20.1
348899 2006 SX_{348}	16.8	X	30.56316	305.82662	19.19846	6.07513	0.0862225	0.19691285	2.9260833	21	10 17.6	20.5
348900 2006 SR_{357}	16.0	X	166.67349	248.34874	226.76137	10.19859	0.0377159	0.17846932	3.1243547	21	7 3.3	20.7
348901 2006 SU_{360}	16.4	X	251.40883	7.58024	45.12441	11.11914	0.1272897	0.18240350	3.0792665	21	7 17.2	21.1
348902 2006 SD_{365}	15.9	X	217.36628	58.88725	349.43360	9.05556	0.1066256	0.17839148	3.1252636	21	6 3.8	20.9
348903 2006 SZ_{372}	16.3	X	216.75075	112.23395	301.26517	4.02995	0.1728140	0.18038194	3.1022301	21	6 7.0	21.3
348904 2006 SP_{374}	15.4	X	184.40758	349.76502	61.07752	13.64203	0.0643315	0.17268023	3.1937994	21	5 8.0	20.2
348905 2006 SJ_{392}	16.2	X	88.95284	283.96182	276.14631	3.52690	0.1096922	0.18153547	3.0890745	21	7 28.3	20.5
348906 2006 SL_{392}	15.9	X	246.15858	6.00517	37.91871	12.65030	0.1165100	0.18034116	3.1026978	21	6 29.6	20.7
348907 2006 SC_{396}	16.4	X	289.18975	243.05172	131.55477	2.03852	0.0841330	0.18666387	3.0322327	21	7 20.0	20.4
348908 2006 SA_{397}	16.3	X	233.56295	202.17108	196.36812	9.24737	0.0459379	0.17931222	3.1145559	21	6 16.1	20.9
348909 2006 SE_{402}	16.0	X	236.25860	239.95490	125.81647	12.88578	0.2879822	0.17543605	3.1602649	21	4 26.7	21.7
348910 2006 SE_{409}	15.3	X	54.04641	3.67301	220.62609	15.99509	0.1344281	0.17472869	3.1687884	21	7 13.1	19.8
348911 2006 SM_{409}	16.4	X	271.28500	89.82734	328.96461	11.07925	0.1982377	0.19153127	2.9806404	21	8 7.6	20.5
348912 2006 TV_{8}	16.4	X	252.66003	43.92903	353.08238	1.14110	0.2044885	0.18223227	3.0811950	21	6 18.1	21.1
348913 2006 TJ_{9}	15.9	X	264.22890	129.79937	214.74591	16.05393	0.1294619	0.17550583	3.1594272	21	5 5.8	20.7
348914 2006 TN_{9}	15.8	X	239.81119	173.25301	205.41091	10.28841	0.0660995	0.17574141	3.1566031	21	5 28.1	20.5
348915 2006 TG_{12}	15.7	X	271.03916	118.97808	221.64187	10.71443	0.0809024	0.17919654	3.1158961	21	5 14.7	20.2
348916 2006 TF_{13}	16.4	X	326.28610	13.80414	348.19746	5.18661	0.1893910	0.19191866	2.9766281	21	8 19.3	19.5
348917 2006 TM_{19}	16.3	X	222.84737	209.37132	232.14617	4.04860	0.1196692	0.18158380	3.0885264	21	7 20.3	21.1
348918 2006 TV_{19}	17.2	X	169.70558	214.72126	216.25460	10.87264	0.2389193	0.23701666	2.5859302	21	5 18.9	21.6
348919 2006 TT_{21}	17.0	X	120.37252	359.54524	53.47506	3.45472	0.0977173	0.22569497	2.6717027	21	2 25.3	20.6
348920 2006 TW_{25}	16.2	X	223.83003	17.72020	30.81582	10.45102	0.2897643	0.17717741	3.1395241	21	5 30.6	21.8
348921 2006 TV_{26}	18.1	X	264.51047	275.78609	33.92961	4.11601	0.1576083	0.30500184	2.1857530	21	3 8.2	21.1
348922 2006 TJ_{27}	17.3	X	113.01325	193.43309	219.35685	1.15974	0.1339264	0.22462771	2.6801586	21	2 18.9	20.8
348923 2006 TN_{27}	15.8	X	299.66364	267.60402	34.00440	13.31713	0.2745374	0.17858217	3.1230384	21	4 5.9	20.4
348924 2006 TL_{28}	15.9	X	165.12103	42.07338	51.91756	5.61024	0.1548155	0.17274334	3.1930215	21	6 10.4	21.1
348925 2006 TR_{28}	16.6	X	294.11107	272.04693	56.86128	1.77188	0.1762176	0.18022212	3.1040639	21	5 14.4	20.9
348926 2006 TS_{37}	15.6	X	165.16082	284.93929	220.99269	23.56116	0.2880770	0.17680795	3.1438962	21	8 6.7	21.7
348927 2006 TR_{39}	16.6	X	277.72765	339.42401	30.67009	1.22777	0.3274180	0.18348320	3.0671747	21	5 26.5	21.2
348928 2006 TQ_{41}	16.1	X	281.94112	288.57450	30.84761	9.44479	0.3130319	0.18087449	3.0965956	21	4 3.2	21.0
348929 2006 TS_{42}	15.5	X	158.22036	57.48118	42.93507	23.00084	0.0950029	0.17226372	3.1989455	21	6 4.9	20.7
348930 2006 TW_{46}	16.0	X	185.74904	69.82564	43.20246	16.40511	0.1889668	0.17737462	3.1371965	21	7 25.9	21.5
348931 2006 TL_{55}	15.9	X	252.18087	300.66344	67.17907	10.98462	0.2452657	0.17825388	3.1268717	21	5 10.9	21.0
348932 2006 TD_{61}	16.0	X	226.40736	12.67101	25.69301	11.18795	0.1607109	0.17849871	3.1240117	21	5 27.3	21.1
348933 2006 TR_{66}	15.8	X	301.32256	112.06998	218.40705	13.13551	0.1119161	0.18350272	3.0669572	21	6 5.0	20.0
348934 2006 TA_{67}	15.9	X	216.19583	154.79940	227.56567	11.93802	0.1432065	0.17491113	3.1665845	21	5 1.5	21.0
348935 2006 TD_{67}	16.3	X	285.82379	106.96300	287.27028	7.50575	0.1361854	0.18846902	3.0128400	21	8 1.2	20.4
348936 2006 TQ_{68}	16.2	X	218.78590	236.48517	178.10033	17.04610	0.2211101	0.17882618	3.1201968	21	6 9.2	21.8
348937 2006 TE_{69}	15.4	X	296.93841	232.91120	109.83874	10.44612	0.0928320	0.18410464	3.0602687	21	6 18.2	19.5
348938 2006 TV_{71}	15.9	X	207.05862	311.54795	106.70438	8.37475	0.1554449	0.17708550	3.1406102	21	6 6.1	21.0
348939 2006 TT_{74}	15.9	X	226.51870	241.22976	216.65616	10.53126	0.1281598	0.18530515	3.0470370	21	8 10.0	20.8
348940 2006 TY_{75}	15.8	X	210.79316	179.63247	229.44740	15.52504	0.2014101	0.17482481	3.1676268	21	5 27.0	21.1
348941 2006 TV_{76}	16.0	X	267.03258	60.95380	336.77305	9.25923	0.1509122	0.18383528	3.0632573	21	7 13.2	20.5
348942 2006 TC_{93}	16.2	X	255.60357	122.77234	222.19462	16.48666	0.2012589	0.17595583	3.1540382	21	4 18.2	21.2
348943 2006 TV_{93}	16.1	X	133.99470	217.47945	212.81892	26.35016	0.0304702	0.23128099	2.6285088	21	3 20.6	20.0
348944 2006 TA_{94}	16.0	X	249.68806	164.46740	203.18114	10.27899	0.0621963	0.17545499	3.1600375	21	5 26.4	20.6
348945 2006 TV_{96}	17.3	X	246.76208	308.56614	71.65989	2.91181	0.1973294	0.24404859	2.5360152	21	5 21.1	21.2
348946 2006 TO_{97}	17.5	X	114.39606	104.24622	356.87728	3.96259	0.2073642	0.23001476	2.6381465	21	5 2.2	21.4
348947 2006 TV_{101}	16.9	X	72.87838	29.42933	303.38652	1.00388	0.0684370	0.20415276	2.8564890	21	12 19.1	21.0
348948 2006 TD_{105}	16.2	X	186.76439	339.47885	88.07730	2.64374	0.1776798	0.17257415	3.1951081	21	5 29.5	21.4
348949 2006 TY_{106}	16.6	X	84.79218	331.84413	57.58367	5.64109	0.1347326	0.21712586	2.7415427	21	—	—
348950 2006 TT_{114}	15.5	X	334.90581	174.23328	135.66074	11.12522	0.0377651	0.18131680	3.0915577	21	7 4.8	19.8
348951 2006 TD_{119}	16.2	X	217.82234	253.17625	171.75177	11.74344	0.1320144	0.18058319	3.0999249	21	6 24.6	21.3
348952 2006 TD_{120}	16.1	X	227.56319	245.83781	174.73961	11.60362	0.0764020	0.18296506	3.0729626	21	7 3.2	20.9
348953 2006 TY_{124}	15.9	X	222.27197	345.21053	19.65711	10.23539	0.0905249	0.16948332	3.2338366	21	4 18.8	20.8
348954 2006 TE_{125}	15.6	X	190.56527	4.04171	94.17803	18.83837	0.1881805	0.17709429	3.1405064	21	7 8.0	20.8
348955 2006 UG	16.7	X	149.71553	234.87048	170.84334	13.27271	0.2585655	0.23015594	2.6370676	21	4 4.7	21.2
348956 2006 UW_{6}	16.0	X	259.76328	160.44167	195.84431	11.75827	0.0750723	0.17593191	3.1543240	21	5 22.8	20.7
348957 2006 US_{9}	16.0	X	207.26551	323.48355	103.79547	6.14652	0.1059485	0.17539981	3.1607002	21	6 18.7	20.8
348958 2006 UO_{26}	16.3	X	252.63927	348.44245	1.02979	1.22347	0.1829170	0.17583891	3.1554361	21	4 23.3	21.3
348959 2006 UP_{29}	16.8	X	201.92659	327.71056	29.99539	2.70441	0.0983765	0.23369648	2.6103652	21	3 15.7	20.8
348960 2006 UM_{31}	17.2	X	93.97057	4.86910	32.62470	5.47648	0.1624153	0.21903577	2.7255826	21	1 11.4	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
348961 2006 UO_{37}	15.9	X	137.24429	260.75028	229.39926	8.51917	0.0386619	0.17497183	3.1658522	21	6 18.7	20.5
348962 2006 UM_{38}	16.0	X	57.09169	216.57886	43.68117	11.86544	0.0915961	0.18641463	3.0349349	21	9 7.2	20.3
348963 2006 UQ_{46}	16.7	X	93.35114	232.81026	84.35640	3.20365	0.0611577	0.20298174	2.8674646	21	12 22.3	20.6
348964 2006 UC_{49}	16.0	X	172.75838	235.29775	224.23289	8.31365	0.0451026	0.18289299	3.0737698	21	6 21.9	20.6
348965 2006 UF_{53}	15.9	X	276.27839	331.87698	58.03548	10.48647	0.0890174	0.18261866	3.0768474	21	7 24.1	20.3
348966 2006 UX_{59}	16.2	X	267.95835	113.00481	286.60161	4.60242	0.1956517	0.18457245	3.0550956	21	7 8.8	20.6
348967 2006 UR_{73}	15.6	X	276.51952	337.73661	7.69602	11.32724	0.0911346	0.17881045	3.1203797	21	5 22.5	20.2
348968 2006 UY_{78}	16.5	X	211.54174	91.12465	307.93136	3.05147	0.1393045	0.17450743	3.1714663	21	5 16.9	21.5
348969 2006 UT_{80}	17.2	X	161.54851	269.60167	43.65070	7.71422	0.1633596	0.28643051	2.2792390	21	—	—
348970 2006 UA_{81}	16.3	X	272.87618	104.61865	310.74685	5.01744	0.0604738	0.18745964	3.0236454	21	8 23.1	20.6
348971 2006 UH_{81}	16.2	X	270.60519	231.46502	102.60146	2.37146	0.1489371	0.17478001	3.1681680	21	4 27.9	20.8
348972 2006 UJ_{94}	16.2	X	184.59924	266.73749	171.59358	4.41199	0.1154659	0.17461169	3.1702037	21	6 9.8	21.2
348973 2006 UJ_{97}	16.0	X	297.87689	253.39218	52.44830	10.30025	0.2042889	0.17782512	3.1318958	21	4 18.6	20.3
348974 2006 UV_{100}	17.7	X	106.93971	15.47265	106.86116	3.94530	0.2135181	0.23246968	2.6195408	21	5 24.3	21.5
348975 2006 UG_{111}	16.1	X	282.24412	96.27731	317.81867	8.87785	0.0748806	0.19356718	2.9597037	21	8 31.2	20.2
348976 2006 UJ_{116}	15.9	X	356.21578	75.77599	210.33145	12.42408	0.1147278	0.18378655	3.0637988	21	7 1.0	19.8
348977 2006 UF_{117}	16.2	X	268.97712	105.45994	208.09003	3.30842	0.1733987	0.17390469	3.1787901	21	3 28.2	20.9
348978 2006 UL_{117}	15.3	X	1.10054	79.01111	208.96416	21.01630	0.1824606	0.18627688	3.0364310	21	7 9.8	19.1
348979 2006 UM_{119}	17.3	X	144.61365	218.07095	185.83229	1.94662	0.1043839	0.23003975	2.6379555	21	3 12.5	21.1
348980 2006 UQ_{119}	16.8	X	176.76505	28.18638	54.49684	1.85395	0.1853157	0.17357358	3.1828314	21	6 7.9	22.0
348981 2006 UQ_{128}	17.0	X	245.68159	124.51259	224.44495	4.54460	0.2657651	0.17520888	3.1629960	21	4 9.7	22.3
348982 2006 UB_{139}	17.9	X	49.17423	146.08031	266.15748	4.70341	0.2034642	0.27853330	2.3221199	21	—	—
348983 2006 UF_{159}	16.6	X	47.83900	238.53571	82.77571	3.14810	0.0810830	0.19912005	2.9044198	21	11 6.2	20.4
348984 2006 UK_{160}	16.8	X	273.41115	153.37095	191.03709	10.33007	0.1154091	0.17864812	3.1222697	21	5 18.7	21.4
348985 2006 UM_{164}	15.9	X	195.81662	4.17712	43.22073	12.43268	0.1336001	0.17298041	3.1901035	21	5 12.5	21.0
348986 2006 UK_{170}	16.5	X	208.92096	66.16324	44.12946	14.44690	0.2611799	0.18080214	3.0974217	21	8 9.3	22.1
348987 2006 UY_{173}	16.1	X	259.55786	91.70109	321.83439	9.95770	0.1466136	0.18745543	3.0236908	21	7 24.8	20.6
348988 2006 UB_{180}	15.4	X	257.01371	337.35008	60.05563	19.29445	0.1918692	0.18164148	3.0878725	21	6 22.7	20.3
348989 2006 UB_{183}	17.8	X	250.24740	95.01809	202.07001	21.11675	0.1019237	0.36841192	1.9271415	21	1 21.1	20.9
348990 2006 UJ_{184}	17.4	X	170.51813	52.67353	330.62721	6.25330	0.1422849	0.29708714	2.2244030	21	3 8.5	20.4
348991 2006 UD_{185}	14.5	X	212.01767	212.70741	242.98220	29.70799	0.3673484	0.17742408	3.1366135	21	7 7.6	20.7
348992 2006 UP_{189}	15.7	X	321.00567	95.35470	260.96613	10.38714	0.1177229	0.18891814	3.0080631	21	8 4.2	19.5
348993 2006 UT_{189}	16.0	X	288.77563	97.50430	297.46965	7.57386	0.1273708	0.18816675	3.0160656	21	8 7.8	20.0
348994 2006 UM_{190}	15.1	X	290.12183	353.08898	352.13187	11.72918	0.0950636	0.18097299	3.0954719	21	6 9.9	19.6
348995 2006 UA_{191}	15.9	X	270.44812	92.55477	303.46954	7.89983	0.1620728	0.18468526	3.0538514	21	7 12.3	20.3
348996 2006 UR_{194}	16.7	X	156.01974	63.79322	55.57372	1.55752	0.1319536	0.17577390	3.1562141	21	7 2.4	21.7
348997 2006 UP_{197}	16.1	X	8.36546	25.07017	226.30310	9.44286	0.0243645	0.17399093	3.1777396	21	6 5.7	20.4
348998 2006 UV_{203}	15.7	X	210.85633	72.41841	351.97699	13.34778	0.2135101	0.17678165	3.1442079	21	6 12.6	21.3
348999 2006 UR_{220}	16.2	X	255.04020	42.63365	12.57340	10.57420	0.1367802	0.18512137	3.0490532	21	7 24.8	20.9
349000 2006 UU_{240}	17.6	X	24.36194	348.27661	111.94829	4.13594	0.1736876	0.27940493	2.3172879	21	—	—
349001 2006 UT_{246}	16.1	X	299.92575	91.73923	215.61942	9.36812	0.0631328	0.17549005	3.1596166	21	5 12.1	20.4
349002 2006 UY_{249}	16.6	X	228.89244	35.94053	40.54699	1.22876	0.1546836	0.18187656	3.0852112	21	7 18.5	21.4
349003 2006 UW_{267}	15.3	X	211.51090	123.30460	268.24071	12.16346	0.0838570	0.17111269	3.2132751	21	5 9.3	20.3
349004 2006 UU_{268}	16.1	X	286.77239	270.76091	45.41679	11.96833	0.0972615	0.17328741	3.1863346	21	5 1.5	20.6
349005 2006 UT_{270}	16.1	X	297.79670	334.89804	50.74503	10.87388	0.0943237	0.18545258	3.0454219	21	8 19.7	20.3
349006 2006 UZ_{273}	17.2	X	139.96290	60.18375	23.89772	4.65079	0.1785471	0.23189691	2.6238525	21	5 4.2	21.3
349007 2006 UA_{274}	15.9	X	264.06175	341.16793	33.29910	7.40254	0.1226092	0.17767667	3.1336401	21	6 11.3	20.6
349008 2006 UJ_{274}	15.4	X	135.60779	269.50348	245.63567	11.86796	0.2292062	0.17277924	3.1925792	21	7 28.6	20.9
349009 2006 UK_{274}	17.2	X	145.19026	28.77368	7.16595	2.76574	0.0441658	0.22603757	2.6690024	21	2 25.6	20.7
349010 2006 UO_{275}	16.9	X	8.29526	221.66873	215.80618	5.54119	0.0748129	0.21083010	2.7958528	21	—	—
349011 2006 UP_{277}	16.4	X	226.51257	121.34441	244.89037	3.98688	0.1912161	0.17275364	3.1928946	21	4 18.8	21.6
349012 2006 UG_{282}	16.1	X	112.08680	138.99399	56.82331	12.36684	0.0261980	0.18126177	3.0921834	21	8 14.8	20.7
349013 2006 UM_{285}	17.6	X	340.99016	236.65094	224.80012	0.75258	0.1424642	0.27360899	2.3498987	21	—	—
349014 2006 UC_{288}	16.1	X	42.43086	22.82659	211.99874	17.83042	0.1184980	0.17954255	3.1118916	21	7 7.5	20.4
349015 2006 UF_{289}	16.1	X	260.92623	162.42648	201.27820	9.95036	0.1419404	0.17843058	3.1248069	21	5 24.7	20.9
349016 2006 UV_{289}	15.7	X	315.70602	57.30979	238.75232	12.53571	0.1548255	0.17749724	3.1357515	21	5 4.7	19.9
349017 2006 UA_{331}	15.8	X	229.32542	275.25133	114.28481	11.82552	0.0883279	0.17554952	3.1589029	21	5 29.6	20.7
349018 2006 UD_{352}	16.4	X	270.82194	286.95057	39.85390	1.00037	0.1300946	0.17326971	3.1865516	21	4 20.9	21.1
349019 2006 UE_{358}	17.0	X	210.90291	17.74653	88.53489	2.41070	0.2098132	0.18232548	3.0801448	21	8 3.8	22.2
349020 2006 UJ_{361}	15.3	X	247.61147	259.76201	102.34107	18.88547	0.1565847	0.17558411	3.1584880	21	5 13.3	20.5
349021 2006 VB_{7}	16.3	X	265.45443	328.95140	61.10445	1.96780	0.1739067	0.18058827	3.0998667	21	6 26.7	20.7
349022 2006 VE_{9}	15.8	X	209.75832	40.08128	53.65059	11.36688	0.1275271	0.18001582	3.1064350	21	7 25.0	20.8
349023 2006 VD_{11}	15.9	X	158.09072	263.02563	230.76031	11.55579	0.1293280	0.17595707	3.1540234	21	7 18.8	21.1
349024 2006 VC_{13}	15.5	X	218.59612	101.11115	271.82867	24.27191	0.2862448	0.17334296	3.1856538	21	4 9.2	21.6
349025 2006 VP_{16}	16.2	X	182.59029	81.50837	40.06792	6.54423	0.1436609	0.17786565	3.1314200	21	8 1.3	21.3
349026 2006 VU_{17}	16.1	X	48.28533	172.65310	39.82380	9.73285	0.0260270	0.17359387	3.1825834	21	6 8.1	20.5
349027 2006 VG_{22}	16.0	X	154.93372	124.90755	56.86223	13.51329	0.0552250	0.18599345	3.0395150	21	9 21.4	20.7
349028 2006 VH_{24}	16.4	X	171.49881	42.69347	102.73167	2.16625	0.1058449	0.18020879	3.1042169	21	8 18.6	21.2
349029 2006 VN_{31}	16.1	X	276.73186	135.86425	203.77180	9.82456	0.0437536	0.17667538	3.1454686	21	5 26.5	20.6
349030 2006 VA_{32}	16.1	X	159.90591	295.00307	213.95633	13.07899	0.0792624	0.18330130	3.0692035	21	8 5.7	21.0
349031 2006 VR_{36}	16.5	X	160.46906	307.45295	85.01427	6.53006	0.2041893	0.23018879	2.6368167	21	3 26.6	20.9
349032 2006 VU_{37}	15.5	X	266.48747	303.00245	62.15627	27.58973	0.2069897	0.17921798	3.1156476	21	5 23.6	20.3
349033 2006 VT_{42}	15.8	X	228.14429	299.28115	93.11893	6.11936	0.2208615	0.17335827	3.1854662	21	5 21.4	21.1
349034 2006 VW_{48}	16.0	X	260.02764	328.61326	54.84118	12.32794	0.0669592	0.17616443	3.1515478	21	6 25.7	20.6
349035 2006 VD_{49}	16.2	X	214.94852	172.43776	258.21920	3.80195	0.1580475	0.17574141	3.1566031	21	6 27.3	21.2
349036 2006 VD_{54}	17.9	X	146.32032	115.83314	355.73986	3.33569	0.1373615	0.23746602	2.5826669	21	6 11.9	21.9
349037 2006 VA_{62}	17.1	X	232.20088	131.98660	239.47740	7.78012	0.1799313	0.23902482	2.5714261	21	4 26.4	21.1
349038 2006 VS_{62}	16.7	X	223.86876	25.28022	36.25858	1.09704	0.1633649	0.17611389	3.1521508	21	6 24.3	21.8
349039 2006 VS_{65}	17.0	X	144.57306	136.65288	237.88168	4.57455	0.1348804	0.22226311	2.6991340	21	2 6.9	21.0
349040 2006 VM_{74}	16.4	X	186.64100	355.35990	66.00754	14.16971	0.1705160	0.23650839	2.5896338	21	5 20.1	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349041 2006 VF_{84}	16.4	X	172.60141	211.96377	212.30435	5.58613	0.1100912	0.17011402	3.2258386	21	5 12.1	21.4
349042 2006 VN_{85}	16.0	X	234.86508	315.02538	39.90398	5.36181	0.1725858	0.17122155	3.2119129	21	4 15.6	21.3
349043 2006 VK_{101}	15.4	X	219.93486	325.41952	79.06270	20.28560	0.1562645	0.17188780	3.2036079	21	6 1.6	20.6
349044 2006 VC_{122}	16.1	X	206.91144	331.17679	60.31034	5.87647	0.0728257	0.16874226	3.2432977	21	5 7.4	20.9
349045 2006 VK_{126}	16.2	X	215.28262	132.44478	232.22234	5.67235	0.1647822	0.17092585	3.2156163	21	4 8.3	21.4
349046 2006 VD_{134}	15.5	X	276.72929	291.64689	65.75535	12.27191	0.1968133	0.17937315	3.1138505	21	5 26.4	19.8
349047 2006 VJ_{142}	16.0	X	305.03626	73.72765	228.06699	12.04836	0.1823833	0.17532175	3.1616383	21	4 22.7	20.3
349048 2006 VQ_{149}	16.0	X	206.09635	42.49736	46.81329	16.57586	0.1818443	0.17950192	3.1123611	21	7 12.4	21.4
349049 2006 VC_{170}	15.8	X	147.26990	101.56240	80.84001	12.39791	0.2144813	0.17824336	3.1269947	21	9 17.9	21.3
349050 2006 VH_{171}	15.8	X	253.52882	319.11320	70.82380	10.54006	0.0853633	0.17535309	3.1612615	21	6 23.9	20.5
349051 2006 WQ_{2}	15.5	X	239.19550	303.12639	78.12344	28.04048	0.2395029	0.17417045	3.1755557	21	5 20.8	20.9
349052 2006 WA_{11}	16.3	X	241.83494	54.56502	340.67098	3.30153	0.1830755	0.17665073	3.1457612	21	6 7.2	21.2
349053 2006 WB_{40}	15.7	X	140.31619	300.81385	208.42362	9.76292	0.0547297	0.17499762	3.1655411	21	7 15.9	20.5
349054 2006 WD_{52}	17.2	X	166.74764	77.84773	316.30210	1.48558	0.0711612	0.22831955	2.6511888	21	3 21.7	21.0
349055 2006 WK_{78}	15.8	X	329.38160	60.27920	238.06913	12.19907	0.1172180	0.17635161	3.1493174	21	6 4.1	19.8
349056 2006 WR_{83}	16.2	X	233.78844	196.20329	207.02783	4.75948	0.1238999	0.17491619	3.1665235	21	6 14.9	21.2
349057 2006 WL_{107}	16.2	X	253.69150	286.19181	110.51966	6.82399	0.2246486	0.17978818	3.1090565	21	6 17.0	21.0
349058 2006 WX_{133}	16.6	X	211.03413	73.84762	358.04973	4.45839	0.1883181	0.17729839	3.1380957	21	6 23.9	21.9
349059 2006 WQ_{142}	16.5	X	152.25235	150.16892	221.26066	13.29175	0.0789598	0.22275235	2.6951805	21	2 2.4	20.7
349060 2006 WQ_{156}	16.5	X	308.72290	260.78301	118.86467	6.46411	0.3402027	0.18801912	3.0176443	21	7 15.0	19.7
349061 2006 WR_{177}	16.1	X	302.09501	253.99366	105.37820	10.19517	0.1607311	0.18263410	3.0766739	21	7 6.8	19.9
349062 2006 WN_{191}	16.2	X	225.42954	59.72528	35.47589	1.51621	0.1606759	0.17995440	3.1071417	21	8 6.9	21.0
349063 2006 XA	17.3	X	142.65056	300.99919	252.81351	10.30889	0.5463698	0.30229857	2.1987642	21	9 29.5	22.3
349064 2006 XQ_{6}	17.1	X	218.18113	281.95019	127.32019	5.77579	0.2512465	0.24134305	2.5549330	21	5 30.1	21.5
349065 2006 XC_{11}	16.6	X	247.26641	348.83375	70.85146	6.37006	0.1431685	0.18147047	3.0898122	21	7 18.4	21.2
349066 2006 XF_{18}	17.0	X	253.89820	323.96086	71.96244	4.31247	0.2051269	0.24257229	2.5462942	21	6 16.8	20.7
349067 2006 XS_{63}	17.0	X	152.51961	264.28676	168.11531	5.22076	0.2120992	0.23107292	2.6300864	21	5 6.2	21.3
349068 2006 YT_{13}	18.3	X	147.61292	105.47468	116.71843	38.24473	0.4257905	0.64772059	1.3229525	21	12 18.1	20.3
349069 2006 YX_{19}	16.2	X	185.37272	2.82975	99.47592	7.13595	0.1496257	0.17443395	3.1723568	21	7 9.2	21.3
349070 2007 AW_{9}	15.8	X	336.43046	213.10222	343.08670	8.86055	0.0876649	0.21318042	2.7752653	21	2 1.7	19.4
349071 2007 AU_{19}	17.2	X	316.10096	316.44747	58.49358	2.19642	0.1028908	0.31387945	2.1443424	21	9 10.9	18.9
349072 2007 AN_{26}	16.4	X	216.36304	166.69555	123.38067	23.76293	0.0813563	0.27593125	2.3366955	21	—	—
349073 2007 AQ_{27}	17.2	X	51.44752	156.41453	91.71014	5.87077	0.1515118	0.30067278	2.2066831	21	8 28.2	19.5
349074 2007 BM_{8}	18.3	X	48.22180	179.27727	87.63586	27.63559	0.7207519	0.63436147	1.3414614	21	2 1.7*	19.2
349075 2007 BJ_{46}	17.4	X	180.09544	2.79040	120.86221	6.25263	0.0568902	0.30517982	2.1849031	21	8 4.9	19.9
349076 2007 BJ_{67}	17.6	X	335.31635	119.35816	140.59149	3.61112	0.1848901	0.28603192	2.2813559	21	3 30.4	19.7
349077 2007 BZ_{100}	17.0	X	176.52730	91.93671	293.51426	4.83546	0.0032040	0.21760605	2.7375080	21	3 16.9	20.9
349078 2007 CT_{14}	17.8	X	331.73722	52.14302	168.65762	2.09196	0.1631723	0.27963959	2.3159914	21	1 29.9	20.4
349079 2007 CP_{24}	17.3	X	210.53197	43.67320	151.86703	2.78857	0.1887684	0.25391426	2.4698922	21	11 27.9	21.0
349080 2007 CL_{49}	18.1	X	39.94370	74.25660	168.50345	7.02516	0.1796165	0.29652370	2.2272199	21	7 29.9	20.1
349081 2007 CB_{55}	15.5	X	18.28004	44.35743	302.64616	6.26559	0.0405020	0.18173252	3.0868412	21	10 18.3	19.8
349082 2007 DR_{3}	17.4	X	53.44346	289.23702	285.75128	4.31006	0.1136944	0.29407387	2.2395723	21	6 30.1	19.5
349083 2007 DT_{8}	17.6	X	48.34396	114.21041	89.29212	3.78790	0.0869499	0.29259001	2.2471379	21	5 29.5	19.6
349084 2007 DO_{9}	17.8	X	254.73145	23.45319	93.48080	1.94801	0.1700512	0.31718740	2.1294074	21	10 20.5	20.0
349085 2007 DK_{35}	17.8	X	23.08743	81.80106	159.14850	5.61808	0.1255730	0.29072593	2.2567331	21	6 14.5	19.8
349086 2007 DX_{52}	15.9	X	249.40558	308.77110	178.38283	11.23168	0.1573348	0.17992422	3.1074892	21	10 11.2	20.5
349087 2007 DD_{53}	17.4	X	317.04049	3.02706	265.89976	2.13096	0.1605219	0.28189750	2.3036080	21	3 16.0	20.2
349088 2007 DK_{67}	17.2	X	289.37703	149.07345	147.60502	7.93502	0.1739425	0.28325440	2.2962452	21	3 19.2	20.2
349089 2007 DZ_{89}	17.6	X	280.09444	52.38275	133.80208	2.94271	0.1481855	0.26332024	2.4107188	21	—	—
349090 2007 DO_{95}	17.9	X	207.35753	329.12681	131.29036	6.61411	0.0832827	0.30329806	2.1939310	21	8 4.1	20.4
349091 2007 ED_{48}	17.1	X	39.03022	10.11996	173.77668	5.30856	0.0984372	0.28205642	2.3027426	21	4 14.4	19.3
349092 2007 ER_{64}	17.2	X	267.12372	310.57568	11.20747	9.11416	0.1353632	0.28363459	2.2941928	21	3 30.1	20.2
349093 2007 EG_{67}	17.7	X	2.88111	93.54607	157.45214	6.61468	0.0899402	0.28811975	2.2703215	21	5 21.6	19.9
349094 2007 EM_{73}	17.8	X	299.19316	292.74949	38.25503	1.23560	0.0762046	0.29388460	2.2405338	21	6 2.8	20.3
349095 2007 ET_{78}	15.0	X	68.24557	291.94088	17.25251	15.64908	0.1310702	0.17458107	3.1705744	21	11 14.1	19.7
349096 2007 ED_{102}	17.7	X	127.97338	84.88168	74.83640	3.44789	0.0689258	0.29627516	2.2284654	21	7 21.2	20.5
349097 2007 ET_{154}	17.7	X	80.40665	290.79246	282.33049	1.89867	0.1159466	0.29500685	2.2348480	21	8 9.4	20.3
349098 2007 EN_{175}	17.3	X	237.89305	3.02600	1.12244	7.04553	0.1774158	0.28446758	2.2897120	21	4 18.6	20.8
349099 2007 ES_{212}	17.6	X	10.07618	235.59282	12.57069	4.30821	0.1907205	0.28801372	2.2708787	21	5 27.2	18.9
349100 2007 EQ_{220}	17.9	X	155.05039	300.38631	174.67979	2.65297	0.0867820	0.29477804	2.2360043	21	6 22.2	20.9
349101 2007 EN_{221}	17.1	X	321.08961	114.53096	149.31652	6.88544	0.0832538	0.27930999	2.3178131	21	3 31.8	19.7
349102 2007 FN_{12}	17.2	X	318.30563	41.99718	191.90285	6.72951	0.0691380	0.27300284	2.3533758	21	2 12.7	20.2
349103 2007 FH_{31}	17.4	X	341.55995	75.17519	188.02698	5.03538	0.1438525	0.28313771	2.2968761	21	4 22.9	19.5
349104 2007 FH_{33}	17.4	X	256.23326	167.03725	178.48038	5.80646	0.1409968	0.28854751	2.2680772	21	4 18.8	20.5
349105 2007 GQ_{8}	17.9	X	336.74830	268.93081	27.49036	5.22611	0.1852826	0.28650762	2.2788300	21	5 28.8	19.6
349106 2007 GT_{13}	17.8	X	319.05980	101.29865	178.05089	5.90701	0.0966640	0.28413290	2.2915097	21	4 16.3	20.2
349107 2007 GA_{18}	16.5	X	236.70227	140.01201	235.07468	8.28252	0.0961356	0.21491831	2.7602840	21	5 14.3	20.7
349108 2007 GD_{18}	17.9	X	179.27349	195.59911	263.71519	3.64000	0.0859312	0.29184744	2.2509480	21	6 28.9	20.9
349109 2007 GQ_{19}	17.0	X	355.56599	209.79564	27.96687	7.40238	0.0587854	0.27994243	2.3143208	21	4 18.6	19.3
349110 2007 GW_{23}	17.2	X	273.53782	37.17395	222.10025	1.56090	0.1539159	0.26604848	2.3942097	21	1 15.9	20.9
349111 2007 GH_{24}	17.4	X	189.66582	357.86074	317.41790	0.81446	0.1980048	0.25843921	2.4409775	21	1 10.9	21.3
349112 2007 GJ_{24}	17.6	X	335.00149	90.98522	119.93794	3.52452	0.1190372	0.27053127	2.3676876	21	1 30.9	20.3
349113 2007 GL_{25}	16.9	X	62.84506	310.06864	208.60855	23.24428	0.2276646	0.28356772	2.2945535	21	5 10.0	19.0
349114 2007 GT_{35}	17.0	X	274.51011	218.34876	49.59180	8.51318	0.0924609	0.27055492	2.3675497	21	2 5.5	20.4
349115 2007 GR_{36}	17.4	X	276.90017	139.13123	119.25301	2.24596	0.1442733	0.26828458	2.3808877	21	1 18.9	20.8
349116 2007 GS_{37}	18.1	X	18.71897	116.35745	98.26553	2.56569	0.0778565	0.28171723	2.3045906	21	4 23.8	20.4
349117 2007 GC_{71}	18.4	X	240.70994	19.01873	73.26706	1.46997	0.1099878	0.30558401	2.1829760	21	9 2.3	21.1
349118 2007 GK_{74}	16.1	X	137.77273	274.19767	329.98314	10.86495	0.2328335	0.23870177	2.5737456	21	11 17.5	20.8
349119 2007 HN_{2}	18.2	X	97.90955	315.45372	204.86907	3.91472	0.0835229	0.28778604	2.2720762	21	6 12.4	20.9
349120 2007 HS_{8}	18.1	X	102.58807	287.64374	219.06106	4.33304	0.0955423	0.28800921	2.2709024	21	6 1.2	20.8

* The additional opposition: 12 13.1, $V = 20.9$

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349121 2007 HB_{11}	17.4	X	293.58796	58.63060	185.61822	4.06838	0.1074745	0.26867285	2.3785933	21	1 22.2	20.7
349122 2007 HJ_{20}	17.6	X	192.10117	270.59287	47.53658	2.13814	0.1925422	0.26035702	2.4289758	21	1 16.3	21.4
349123 2007 HS_{22}	17.6	X	116.06257	27.64102	58.88900	7.83471	0.0790704	0.27528293	2.3403628	21	3 28.2	20.5
349124 2007 HW_{23}	17.3	X	218.15629	178.58108	212.19223	7.39974	0.1282227	0.28275917	2.2989256	21	5 9.2	20.6
349125 2007 HZ_{40}	17.5	X	324.53368	168.94743	72.37995	2.48435	0.1341883	0.27441526	2.3452935	21	2 24.5	20.3
349126 2007 HE_{50}	18.1	X	141.71813	80.47081	107.89212	4.68447	0.1047715	0.29960580	2.2119191	21	9 21.1	21.2
349127 2007 HA_{67}	15.7	X	50.02623	275.13042	66.12813	29.46224	0.3247389	0.23193313	2.6235793	21	—	—
349128 2007 HF_{71}	16.5	X	154.78942	66.80449	134.87421	5.83918	0.1124088	0.23707967	2.5854720	21	10 16.6	20.5
349129 2007 HH_{72}	17.7	X	334.04990	1.98146	230.13162	1.65736	0.1407929	0.27491712	2.3424385	21	2 22.4	20.4
349130 2007 HM_{73}	15.9	X	106.36153	160.61675	214.74292	9.26070	0.0856440	0.18773700	3.0206666	21	—	—
349131 2007 HR_{80}	18.0	X	210.90198	51.61858	33.80810	3.66024	0.1075178	0.29601218	2.2297850	21	7 16.8	21.0
349132 2007 HW_{81}	17.7	X	303.40384	92.23614	134.12209	6.66175	0.0828220	0.26696101	2.3887507	21	1 15.0	20.9
349133 2007 JB	15.4	X	101.78913	301.97146	274.91579	29.56531	0.2711553	0.23198351	2.6231994	21	9 4.6	20.4
349134 2007 JN_{1}	17.7	X	242.91664	63.50938	224.02826	0.74147	0.1704699	0.26395784	2.4068351	21	1 21.6	21.5
349135 2007 JT_{14}	18.2	X	89.53912	287.35527	229.57916	5.21000	0.0905556	0.28439277	2.2901136	21	5 27.4	20.6
349136 2007 JH_{17}	16.9	X	128.68979	238.49734	64.93701	11.02081	0.3260244	0.24128506	2.5553424	21	—	—
349137 2007 JS_{24}	17.1	X	84.86728	121.08754	169.33637	12.81825	0.1746766	0.23288700	2.6164105	21	11 29.3	21.3
349138 2007 JT_{27}	16.7	X	258.27176	266.88801	17.79030	8.14959	0.1633827	0.26786626	2.3833658	21	2 4.1	20.5
349139 2007 JX_{30}	17.4	X	94.00192	20.33424	147.81547	7.28600	0.0977924	0.28491899	2.2872929	21	6 20.9	20.2
349140 2007 JD_{34}	17.7	X	77.53782	91.53231	105.58106	4.53902	0.2024865	0.28948781	2.2631631	21	7 27.7	20.3
349141 2007 KX_{6}	16.3	X	78.48245	328.81254	252.67889	24.84091	0.2363082	0.29224396	2.2489115	21	8 23.0	20.1
349142 2007 KO_{9}	16.6	X	80.63823	226.66611	111.26059	2.72362	0.2280753	0.23900693	2.5715544	21	—	—
349143 2007 LC_{1}	17.6	X	277.03476	39.39388	204.78366	6.27021	0.0769711	0.26377030	2.4079758	21	1 7.3	21.0
349144 2007 LL_{7}	17.5	X	256.36908	90.40284	206.27232	6.31942	0.1140244	0.26806115	2.3822105	21	2 15.2	21.0
349145 2007 LP_{25}	16.9	X	32.40546	208.06421	217.02040	6.93709	0.1823154	0.23888137	2.5724554	21	—	—
349146 2007 MC_{3}	17.2	X	140.37141	122.49646	185.57688	0.91256	0.1169937	0.24084686	2.5584409	21	—	—
349147 2007 MU_{10}	17.2	X	159.32795	283.11015	285.10748	4.99598	0.2337602	0.30099219	2.2051217	21	10 29.4	21.0
349148 2007 ML_{12}	17.1	X	78.54229	110.77945	272.43083	2.68558	0.2366173	0.23780288	2.5802274	21	—	—
349149 2007 NY_{1}	16.5	X	7.58751	325.23510	285.93143	23.46384	0.1921099	0.27611123	2.3356800	21	5 28.1	18.6
349150 2007 NY_{5}	16.0	X	151.23753	271.76523	54.60866	15.59765	0.1167535	0.24576714	2.5241791	21	—	—
349151 2007 NH_{6}	16.4	X	184.93511	258.27500	8.29292	15.26323	0.1211650	0.24268596	2.5454991	21	—	—
349152 2007 OM_{2}	17.1	X	8.69492	117.07142	94.49963	7.75623	0.0541649	0.26624267	2.3930454	21	4 8.4	19.9
349153 2007 OS_{2}	16.3	X	86.16111	203.98802	120.90393	14.39724	0.1754946	0.23042581	2.6350082	21	—	—
349154 2007 OF_{6}	17.0	X	245.84014	255.26610	86.64873	4.70148	0.1537088	0.26343318	2.4100297	21	4 5.5	20.7
349155 2007 PS_{5}	16.1	X	91.05991	205.46841	133.98428	16.02977	0.1368710	0.23401952	2.6079624	21	—	—
349156 2007 PV_{9}	16.6	X	136.77418	358.40640	325.38693	12.57014	0.1641592	0.23985295	2.5655039	21	—	—
349157 2007 PJ_{12}	16.3	X	295.90812	320.76114	313.95941	22.71235	0.1763320	0.26473727	2.4021087	21	2 20.0	19.8
349158 2007 PS_{16}	16.3	X	10.20647	227.32684	155.42305	14.58845	0.2108556	0.21961056	2.7208247	21	12 24.5	19.7
349159 2007 PA_{28}	17.1	X	48.01146	328.86343	34.25774	7.12460	0.2054751	0.22585301	2.6704562	21	—	—
349160 2007 PB_{29}	16.5	X	38.71860	336.03121	31.43125	14.38240	0.2564085	0.22372651	2.6873512	21	—	—
349161 2007 PN_{37}	16.3	X	12.59137	207.89203	159.65768	13.72931	0.2050853	0.22038837	2.7144193	21	12 8.8	19.6
349162 2007 PX_{37}	16.5	X	77.12506	39.59243	316.88385	12.55460	0.1927020	0.23094221	2.6310787	21	—	—
349163 2007 PA_{40}	17.3	X	22.56893	294.17645	6.52121	5.57171	0.1978224	0.28577733	2.2827107	21	10 1.4	19.3
349164 2007 PL_{40}	16.6	X	41.76718	61.06111	321.60353	11.04509	0.1926216	0.22753743	2.6572606	21	—	—
349165 2007 PT_{44}	15.9	X	57.99198	256.99800	127.03770	29.58976	0.3183342	0.23193860	2.6235380	21	—	—
349166 2007 PP_{50}	16.8	X	342.77442	277.30847	179.68563	4.01091	0.0618587	0.23056808	2.6339241	21	—	—
349167 2007 QB_{6}	17.0	X	143.82231	52.54532	224.95739	1.78220	0.2043603	0.23458973	2.6037346	21	—	—
349168 2007 QW_{12}	17.0	X	349.96520	41.93426	330.53405	3.00236	0.1074939	0.21518000	2.7580457	21	10 21.5	20.2
349169 2007 QY_{16}	15.6	X	106.72000	230.66485	162.78674	26.80264	0.1768644	0.17238076	3.1974973	21	2 1.9	20.4
349170 2007 RT_{7}	16.7	X	350.70887	241.18745	143.98125	4.13202	0.2033913	0.21752794	2.7381633	21	11 20.0	19.3
349171 2007 RG_{8}	16.7	X	92.77497	80.71282	296.66179	6.20519	0.1700780	0.23269562	2.6178449	21	—	—
349172 2007 RX_{22}	16.4	X	356.75684	294.32771	172.52896	11.61844	0.0675193	0.23578855	2.5949017	21	—	—
349173 2007 RT_{38}	16.1	X	67.88537	0.43270	358.62117	13.81875	0.1811019	0.22786708	2.6546972	21	—	—
349174 2007 RV_{56}	16.5	X	214.56398	117.85906	261.97233	3.08008	0.2104625	0.18782879	3.0196824	21	4 23.3	21.7
349175 2007 RB_{57}	16.9	X	158.08374	348.02552	268.81184	3.02296	0.0564395	0.22545492	2.6735988	21	12 23.8	20.6
349176 2007 RD_{67}	17.1	X	29.48874	73.31746	291.79434	1.09713	0.0628798	0.22399468	2.6852058	21	12 8.5	20.6
349177 2007 RU_{71}	17.7	X	356.57707	184.69281	49.70715	3.41679	0.1793031	0.26548184	2.3976153	21	4 6.2	19.6
349178 2007 RX_{74}	17.7	X	35.55335	92.92320	359.36119	4.14015	0.1609592	0.23859901	2.5744846	21	—	—
349179 2007 RG_{94}	16.9	X	9.63961	224.16772	132.35725	2.86634	0.2281981	0.21483975	2.7609569	21	11 19.5	19.8
349180 2007 RA_{103}	16.2	X	54.67566	356.62318	358.16712	4.36967	0.1896685	0.22320421	2.6915418	21	—	—
349181 2007 RY_{105}	17.1	X	21.01567	292.07907	35.46443	2.09045	0.2080529	0.21364905	2.7712056	21	10 26.6	20.0
349182 2007 RT_{112}	17.2	X	355.64652	247.12272	159.90439	2.61266	0.1090151	0.22031216	2.7150452	21	12 19.1	20.4
349183 2007 RX_{112}	17.1	X	84.53262	17.99703	58.34382	1.01241	0.1027379	0.24316091	2.5421834	21	2 2.4	20.1
349184 2007 RR_{125}	16.3	X	328.30030	96.19063	329.55582	9.27793	0.1129178	0.21717257	2.7411495	21	11 25.8	19.6
349185 2007 RN_{130}	16.7	X	230.88453	169.77193	167.02361	1.61314	0.1987231	0.18420625	3.0591432	21	3 18.9	21.7
349186 2007 RX_{141}	16.1	X	62.82556	295.34056	19.16273	8.60367	0.2673736	0.22058555	2.7128014	21	12 11.7	20.4
349187 2007 RQ_{147}	16.8	X	292.22227	6.77553	14.28414	12.95790	0.1974057	0.20400599	2.8578588	21	7 19.5	20.7
349188 2007 RV_{149}	15.6	X	175.18392	258.34031	132.86329	17.21471	0.2465621	0.17852377	3.1237195	21	4 14.5	21.3
349189 2007 RQ_{157}	16.3	X	10.72012	306.49785	36.17469	9.42133	0.1917662	0.21496850	2.7598543	21	10 27.2	19.1
349190 2007 RC_{167}	17.1	X	45.09199	339.27773	15.06349	4.10537	0.1281353	0.22369693	2.6875880	21	12 24.7	20.7
349191 2007 RD_{172}	17.2	X	34.33753	260.60605	116.28267	3.50006	0.0943810	0.22495041	2.6775948	21	—	—
349192 2007 RL_{174}	17.7	X	252.04371	306.49150	54.49131	4.64063	0.1345759	0.26358132	2.4091266	21	5 6.5	20.9
349193 2007 RE_{178}	17.0	X	142.85951	234.69953	41.98198	7.03037	0.0377187	0.22579808	2.6708893	21	12 31.9	20.9
349194 2007 RJ_{181}	17.3	X	319.90045	284.71552	185.92780	11.50228	0.2006166	0.22323122	2.6913247	21	—	—
349195 2007 RF_{189}	17.5	X	351.26868	251.87057	128.99886	1.69309	0.0826604	0.21558737	2.7545702	21	11 4.9	20.7
349196 2007 RR_{204}	16.5	X	171.87750	357.87382	260.93418	3.58389	0.0693145	0.22823950	2.6518086	21	—	—
349197 2007 RH_{210}	17.1	X	335.10051	209.11321	42.47126	5.28823	0.2057803	0.26290141	2.4132784	21	3 18.9	19.5
349198 2007 RJ_{211}	15.8	X	320.25033	109.23782	350.46685	5.62554	0.2385697	0.21919695	2.7242463	21	12 31.1	18.1
349199 2007 RC_{228}	17.0	X	80.57022	196.51783	199.10560	3.35706	0.1909895	0.22960104	2.6413147	21	—	—
349200 2007 RT_{232}	18.1	X	152.32131	169.73109	166.03850	3.53446	0.1443053	0.31239761	2.1511181	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349201 2007 RZ_{239}	15.9	X	37.07620	243.47782	110.24648	10.12987	0.2357845	0.22051161	2.7134079	21	12 28.9	19.6
349202 2007 RZ_{245}	16.1	X	333.79449	340.27893	22.37438	7.43613	0.1260520	0.21044738	2.7992415	21	9 12.5	19.3
349203 2007 RQ_{247}	16.3	X	68.00731	78.26657	279.68885	11.27170	0.2794544	0.22742940	2.6581021	21	—	—
349204 2007 RA_{256}	17.0	X	351.58133	282.38861	67.09737	6.66910	0.1553616	0.28442609	2.2899347	21	10 12.4	18.9
349205 2007 RU_{257}	16.9	X	173.64993	78.34979	144.67692	6.14331	0.1378158	0.22605176	2.6688907	21	11 26.9	21.2
349206 2007 RZ_{269}	16.9	X	28.80478	95.58217	205.71861	12.17457	0.2177284	0.21126518	2.7920130	21	10 3.6	20.0
349207 2007 RM_{273}	16.6	X	303.27263	257.94054	199.34503	13.07105	0.0397754	0.21958438	2.7210410	21	12 5.2	20.3
349208 2007 RY_{278}	16.4	X	116.21635	285.43478	45.83491	15.38773	0.1386870	0.23639167	2.5904861	21	—	—
349209 2007 RK_{281}	16.0	X	128.35887	20.35838	315.64319	14.18109	0.1082229	0.23220581	2.6215250	21	—	—
349210 2007 RP_{288}	16.3	X	156.50936	341.52940	335.40623	11.99738	0.2481858	0.23655077	2.5893244	21	—	—
349211 2007 RF_{294}	17.2	X	17.66705	141.93009	198.45263	3.92014	0.0786072	0.21283844	2.7782373	21	10 21.1	20.7
349212 2007 RF_{302}	16.8	X	351.65994	179.13963	145.15136	2.39491	0.1147494	0.20021759	2.8937959	21	8 17.8	20.0
349213 2007 RB_{303}	16.5	X	183.23651	162.47963	224.76821	2.82626	0.0739767	0.17667931	3.1454220	21	4 5.6	21.4
349214 2007 RE_{308}	16.9	X	1.82039	172.78685	175.52112	3.38235	0.1205369	0.21481885	2.7611360	21	10 11.4	20.0
349215 2007 RG_{312}	16.8	X	37.92157	310.06753	43.58385	5.72040	0.1282084	0.22102328	2.7092185	21	12 13.6	20.3
349216 2007 RO_{312}	16.6	X	77.27446	38.73864	302.58535	12.06044	0.2789414	0.22720139	2.6598801	21	—	—
349217 2007 RD_{314}	16.5	X	169.95765	123.07139	149.90721	6.09552	0.1238836	0.23475373	2.6025218	21	—	—
349218 2007 RX_{315}	16.7	X	350.01471	104.43763	277.94540	2.92035	0.1525595	0.21484990	2.7608699	21	11 7.4	19.6
349219 2007 SV_{11}	18.2	X	18.61853	23.73680	292.23237	32.22204	0.4939267	0.43169286	1.7338817	21	—	—
349220 2007 SD_{13}	15.8	X	226.30205	77.82058	245.29709	4.58154	0.1442563	0.18086603	3.0966923	21	2 27.6	20.8
349221 2007 SO_{16}	17.5	X	56.52587	194.79752	118.06285	0.98227	0.1243535	0.21940603	2.7225154	21	11 15.6	21.1
349222 2007 TW_{4}	17.4	X	27.68984	177.60167	184.24029	3.17672	0.1187336	0.21933999	2.7230618	21	12 9.3	20.9
349223 2007 TB_{8}	18.1	X	63.60189	132.33750	297.17282	1.66678	0.1632034	0.23504444	2.6003755	21	—	—
349224 2007 TD_{10}	17.3	X	109.28149	189.20748	173.76598	4.07428	0.1870094	0.23487948	2.6015929	21	—	—
349225 2007 TL_{14}	17.4	X	5.35658	258.94246	136.12786	3.58859	0.0835607	0.22049060	2.7135802	21	12 15.6	20.7
349226 2007 TK_{22}	15.9	X	80.49461	284.16643	54.46415	11.93822	0.2028624	0.22221390	2.6995326	21	—	—
349227 2007 TW_{25}	16.8	X	342.61461	215.11380	204.40450	5.54960	0.0222980	0.21946923	2.7219927	21	12 10.0	20.4
349228 2007 TC_{28}	16.9	X	336.93117	180.03727	219.63667	3.74580	0.1989853	0.21204912	2.7851274	21	11 7.8	19.4
349229 2007 TH_{31}	15.8	X	191.81595	354.19067	39.04110	10.30600	0.0716807	0.18107089	3.0943561	21	4 22.8	20.5
349230 2007 TU_{31}	16.3	X	73.35982	271.93738	94.62537	13.66953	0.1864605	0.22943869	2.6425606	21	—	—
349231 2007 TB_{34}	16.1	X	92.56125	313.35995	37.06485	5.31143	0.1930545	0.22793263	2.6541882	21	—	—
349232 2007 TY_{34}	16.6	X	50.60456	275.15020	42.10470	7.24950	0.0364654	0.21045058	2.7992131	21	10 30.5	20.4
349233 2007 TL_{43}	16.6	X	20.96179	345.54182	51.93085	7.04212	0.0333697	0.21889568	2.7267454	21	—	—
349234 2007 TY_{44}	16.6	X	23.65329	349.61492	43.12949	5.49835	0.1806576	0.22140008	2.7061438	21	—	—
349235 2007 TC_{48}	16.5	X	225.47961	228.92540	13.30635	9.09628	0.0142014	0.23167490	2.6255284	21	—	—
349236 2007 TN_{48}	17.1	X	149.47783	18.87095	305.07620	2.19180	0.0965233	0.23450626	2.6043524	21	—	—
349237 2007 TH_{69}	16.9	X	7.71647	315.82731	52.99706	4.20428	0.1021244	0.21296505	2.7771360	21	11 14.9	20.1
349238 2007 TE_{77}	16.1	X	136.24637	201.65711	252.83979	4.02299	0.1364833	0.18081857	3.0972340	21	5 12.9	20.9
349239 2007 TX_{83}	16.7	X	45.50187	59.56292	298.53813	6.54126	0.3198381	0.22210404	2.7004226	21	—	—
349240 2007 TV_{86}	16.5	X	212.12373	57.48888	127.40307	3.28925	0.1083340	0.21411519	2.7671820	21	11 19.4	20.6
349241 2007 TQ_{87}	16.8	X	109.15321	228.69184	106.90337	3.33160	0.0539417	0.22606697	2.6687710	21	—	—
349242 2007 TE_{92}	15.8	X	38.24151	291.84376	52.71349	15.42930	0.1517141	0.21670199	2.7451165	21	12 3.8	19.4
349243 2007 TB_{105}	16.6	X	18.77881	14.34841	334.06853	3.08405	0.1057939	0.21395147	2.7685935	21	11 4.3	19.9
349244 2007 TV_{109}	16.2	X	6.95189	341.37095	55.39129	6.52081	0.1696668	0.21804740	2.7338128	21	12 30.7	19.4
349245 2007 TW_{111}	16.6	X	339.28882	139.20555	255.57138	6.77397	0.2069673	0.21284114	2.7782138	21	11 4.7	19.1
349246 2007 TA_{113}	16.9	X	335.91187	93.56384	298.61419	9.02509	0.2490391	0.21175630	2.7876944	21	10 19.5	19.4
349247 2007 TH_{113}	16.2	X	327.33412	353.25343	57.86375	8.93277	0.1722835	0.21313576	2.7756530	21	11 5.5	18.9
349248 2007 TF_{120}	16.6	X	69.17749	318.61660	79.08533	4.59854	0.2857399	0.23052612	2.6342437	21	—	—
349249 2007 TE_{121}	17.3	X	197.41792	227.61700	174.58292	6.42616	0.1149258	0.26146391	2.4221157	21	5 5.3	21.0
349250 2007 TT_{122}	16.7	X	93.26644	250.39136	42.11303	7.74380	0.1078411	0.21684882	2.7438772	21	11 28.4	20.8
349251 2007 TT_{127}	16.3	X	125.62384	197.02222	63.06701	4.76766	0.0512628	0.21439766	2.7647510	21	11 20.2	20.3
349252 2007 TJ_{130}	16.5	X	229.28608	331.10724	75.93273	2.65300	0.1513132	0.19185303	2.9773069	21	6 12.2	21.2
349253 2007 TX_{130}	17.9	X	68.70524	111.82522	290.27272	2.61005	0.1855061	0.30196587	2.2003789	21	—	—
349254 2007 TY_{138}	15.8	X	74.23246	14.76955	320.37206	14.40031	0.1794204	0.22370669	2.6875098	21	—	—
349255 2007 TK_{151}	16.0	X	348.42022	246.82396	193.25410	21.52654	0.0484918	0.22718211	2.6600306	21	—	—
349256 2007 TJ_{152}	16.4	X	340.79713	97.18533	355.41769	10.99249	0.1227866	0.22416437	2.6838505	21	—	—
349257 2007 TY_{152}	16.6	X	26.18078	151.09001	210.31195	12.53895	0.1165669	0.21808155	2.7335274	21	12 6.1	20.2
349258 2007 TB_{153}	15.9	X	207.57099	9.46677	337.03119	6.95751	0.1592304	0.18068951	3.0987088	21	3 11.2	21.0
349259 2007 TH_{168}	16.1	X	289.95140	269.53745	222.81019	12.62392	0.1964906	0.21851101	2.7299446	21	12 13.7	19.1
349260 2007 TS_{175}	16.4	X	274.19732	190.44605	217.20220	5.46230	0.1365340	0.19972702	2.8985324	21	8 2.8	20.5
349261 2007 TG_{180}	16.9	X	276.97321	172.56755	238.25212	1.04229	0.0615706	0.20265723	2.8705249	21	8 23.8	20.9
349262 2007 TD_{184}	16.0	X	328.54882	354.08350	64.27080	10.69876	0.1500035	0.21141958	2.7906535	21	11 17.6	18.9
349263 2007 TD_{188}	16.5	X	85.45262	256.80604	129.13379	5.78397	0.1809908	0.23163048	2.6258641	21	—	—
349264 2007 TW_{191}	16.5	X	38.75687	311.88717	41.36037	5.71310	0.1756209	0.22001399	2.7174977	21	12 21.2	20.2
349265 2007 TN_{200}	16.6	X	32.65739	234.59018	182.67298	14.47902	0.0901066	0.23266958	2.6180402	21	—	—
349266 2007 TF_{202}	17.2	X	331.78229	25.17729	82.09411	3.12637	0.0399029	0.22268277	2.6957419	21	—	—
349267 2007 TK_{208}	16.9	X	118.72172	171.16920	86.95446	3.69585	0.0967433	0.21533733	2.7567021	21	11 13.8	20.9
349268 2007 TS_{211}	16.7	X	323.59779	168.76763	306.48974	4.01508	0.1196008	0.22232030	2.6986712	21	—	—
349269 2007 TN_{219}	16.8	X	306.60237	243.47492	166.95284	4.64600	0.0659105	0.21280812	2.7785012	21	10 6.6	20.2
349270 2007 TS_{227}	17.3	X	12.68567	88.32585	315.50350	1.05923	0.0807513	0.21934610	2.7230113	21	—	—
349271 2007 TU_{233}	16.3	X	57.57217	323.72119	61.06094	7.23177	0.0369027	0.22322774	2.6913526	21	—	—
349272 2007 TJ_{266}	16.6	X	345.91322	173.61901	202.82705	9.52497	0.1313008	0.21014752	2.8019037	21	10 21.7	19.7
349273 2007 TH_{268}	17.9	X	319.38795	24.87644	31.77177	7.24645	0.1609456	0.28334835	2.2957377	21	11 13.7	19.5
349274 2007 TY_{289}	16.2	X	319.93838	7.56231	45.96128	10.32713	0.2787299	0.21127905	2.7918908	21	10 16.2	18.4
349275 2007 TY_{293}	16.1	X	128.87342	308.31361	229.28564	10.40179	0.0193506	0.19298636	2.9656392	21	8 2.9	20.6
349276 2007 TB_{311}	16.8	X	12.59028	297.82498	74.27338	5.17993	0.0860480	0.21539187	2.7562367	21	11 25.6	20.1
349277 2007 TH_{319}	17.0	X	288.50779	30.98382	70.60542	2.85768	0.1944425	0.20966505	2.8062005	21	10 29.5	20.2
349278 2007 TF_{324}	17.1	X	90.97638	53.51493	306.81086	4.86684	0.1353068	0.22876876	2.6477170	21	—	—
349279 2007 TK_{331}	17.8	X	144.86092	80.88787	328.00069	2.91612	0.1580973	0.24607250	2.5220905	21	3 22.2	21.5
349280 2007 TJ_{335}	16.9	X	201.62199	24.52481	32.21829	2.21497	0.1592791	0.18563981	3.0433739	21	5 28.8	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349281 2007 TV_{338}	17.3	X	337.09435	215.92010	157.95734	6.36542	0.1094411	0.21022520	2.8012134	21	10 3.6	20.4
349282 2007 TK_{358}	16.7	X	272.90627	243.63849	289.82116	4.94904	0.1282082	0.22955197	2.6416911	21	—	—
349283 2007 TF_{359}	16.7	X	306.62981	258.64507	194.47940	8.75817	0.2144371	0.21479122	2.7613728	21	11 19.9	19.4
349284 2007 TN_{365}	16.7	X	342.27036	286.48651	181.85005	12.82393	0.2287159	0.22644601	2.6657920	21	—	—
349285 2007 TG_{366}	16.4	X	109.08612	86.95376	262.30570	12.03186	0.1782361	0.23030698	2.6359145	21	—	—
349286 2007 TW_{371}	16.8	X	28.74214	24.87546	330.31327	4.22926	0.0869192	0.21806240	2.7336874	21	11 25.9	20.3
349287 2007 TX_{372}	16.3	X	83.28496	195.41777	153.98879	10.03086	0.1011228	0.23214588	2.6219761	21	—	—
349288 2007 TP_{377}	17.1	X	305.24275	96.50286	38.97534	5.76998	0.0686572	0.22076387	2.7113404	21	—	—
349289 2007 TY_{381}	16.4	X	286.15955	103.92553	50.86154	9.65227	0.1524443	0.22129754	2.7069797	21	—	—
349290 2007 TA_{386}	15.8	X	290.30564	310.95488	155.49389	14.23365	0.1475666	0.21445263	2.7642785	21	11 18.9	19.3
349291 2007 TV_{387}	17.4	X	298.78737	166.57928	34.99983	3.17310	0.0542836	0.23822354	2.5771890	21	—	—
349292 2007 TD_{408}	16.1	X	238.02705	126.42040	223.16075	8.76928	0.0974114	0.18053546	3.1004712	21	4 15.2	20.9
349293 2007 TN_{410}	15.6	X	145.87879	97.88444	283.04395	16.81938	0.2332967	0.17159506	3.2072504	21	2 25.0	21.1
349294 2007 TG_{425}	16.8	X	332.28529	236.06193	177.96064	5.18343	0.0497837	0.21571751	2.7534622	21	11 19.5	20.3
349295 2007 TZ_{426}	16.6	X	302.38347	88.97847	310.42170	4.83152	0.0637223	0.20290328	2.8682038	21	9 11.8	20.4
349296 2007 TH_{433}	16.6	X	40.80886	343.82995	33.07072	11.86668	0.0860312	0.22304540	2.6928192	21	—	—
349297 2007 TW_{447}	16.5	X	307.54112	94.14978	22.44889	12.98125	0.1460929	0.22118498	2.7078980	21	12 31.9	19.7
349298 2007 TX_{447}	16.1	X	305.35391	354.05970	79.02114	9.76583	0.1056514	0.21096129	2.7946936	21	11 2.2	19.5
349299 2007 TE_{448}	15.9	X	189.93435	32.64047	20.55344	9.53015	0.0678026	0.18474707	3.0531702	21	5 12.2	20.6
349300 2007 TQ_{448}	16.4	X	277.81102	326.82020	68.35652	8.43439	0.0638300	0.19817740	2.9136226	21	8 6.9	20.4
349301 2007 TX_{451}	16.9	X	342.69516	350.01515	75.25640	4.17028	0.1805439	0.21793084	2.7347875	21	12 27.3	19.6
349302 2007 UF_{9}	16.2	X	332.00573	4.15015	53.83846	6.97280	0.1181955	0.21581168	2.7526611	21	11 23.3	19.1
349303 2007 UB_{10}	15.9	X	15.87413	317.49949	56.11608	15.01240	0.1111048	0.21788044	2.7352092	21	12 4.3	19.2
349304 2007 UF_{18}	16.3	X	337.69876	353.91005	70.56461	8.84702	0.1928616	0.21597311	2.7512893	21	12 15.9	18.8
349305 2007 UN_{31}	16.4	X	330.16033	249.02086	177.59270	13.46080	0.1909243	0.21427820	2.7657784	21	12 4.4	19.3
349306 2007 UA_{41}	16.8	X	18.60529	341.00783	326.42127	1.24444	0.0520472	0.20270806	2.8700450	21	9 4.1	20.3
349307 2007 UT_{42}	15.1	X	134.60702	24.29879	109.98749	29.55637	0.1620368	0.17393141	3.1784645	21	7 2.9	20.2
349308 2007 UU_{45}	15.7	X	168.65055	136.50949	246.16615	8.21001	0.0880183	0.17513793	3.1638501	21	3 13.8	20.7
349309 2007 UO_{51}	16.6	X	327.45063	41.07689	43.13897	7.20468	0.1884611	0.21531342	2.7569061	21	12 21.9	19.4
349310 2007 UB_{54}	16.3	X	201.32537	220.52847	234.72910	5.53167	0.0792393	0.19259706	2.9696342	21	7 17.3	20.8
349311 2007 UW_{56}	16.5	X	344.92425	192.38255	220.45754	11.78128	0.1199434	0.21477081	2.7615477	21	12 8.9	19.7
349312 2007 UU_{58}	16.8	X	304.52561	16.57603	30.36788	2.30226	0.0516055	0.20550191	2.8439731	21	9 28.9	20.4
349313 2007 UL_{68}	16.1	X	0.04536	92.13861	224.09442	17.93694	0.2068767	0.20187495	2.8779358	21	8 17.3	19.4
349314 2007 UG_{81}	17.0	X	17.32790	179.32067	165.69246	4.69967	0.0772299	0.21260037	2.7803110	21	10 27.7	20.4
349315 2007 UP_{90}	17.0	X	252.99019	77.67482	36.54388	3.21715	0.1799218	0.20548586	2.8441211	21	9 28.5	21.0
349316 2007 UQ_{93}	16.3	X	331.46068	73.16832	35.16324	9.13582	0.0103914	0.22352546	2.6889623	21	—	—
349317 2007 UY_{100}	16.6	X	20.08718	255.99203	59.38897	2.94659	0.0603041	0.20035227	2.8924989	21	9 19.2	20.3
349318 2007 UV_{101}	17.4	X	88.28662	231.62758	80.62285	1.48777	0.2112884	0.29034766	2.2586928	21	—	—
349319 2007 UN_{103}	16.9	X	330.88702	54.33475	47.97065	6.03729	0.0383352	0.22018044	2.7161279	21	—	—
349320 2007 UO_{104}	16.4	X	13.08442	265.36547	111.65662	3.52644	0.0834771	0.21121129	2.7924879	21	12 1.7	20.0
349321 2007 UJ_{109}	16.9	X	334.47075	287.73531	71.78782	3.04547	0.0850332	0.20265887	2.8705094	21	9 9.2	20.4
349322 2007 UQ_{110}	16.7	X	211.35358	126.26916	41.44569	5.75977	0.1084687	0.21095150	2.7947801	21	10 27.6	20.8
349323 2007 UG_{123}	16.7	X	343.07112	39.79288	39.35129	9.71592	0.1365172	0.21734604	2.7396909	21	—	—
349324 2007 UQ_{129}	16.6	X	300.50789	300.65471	79.21954	7.17450	0.0902228	0.19715659	2.9236711	21	8 14.5	20.4
349325 2007 UW_{132}	16.9	X	298.71863	273.71413	119.60828	3.01995	0.0836662	0.19903444	2.9052525	21	8 29.2	20.6
349326 2007 UT_{133}	15.7	X	220.64020	319.63835	89.07548	18.82838	0.1906577	0.18033356	3.1027850	21	6 5.7	20.8
349327 2007 VJ	16.7	X	333.39553	19.47883	40.50699	9.11953	0.1236041	0.21613108	2.7499486	21	11 27.6	19.8
349328 2007 VJ_{1}	16.5	X	26.26803	286.29320	172.03091	12.60933	0.2436364	0.22935028	2.6432396	21	—	—
349329 2007 VS_{5}	16.8	X	155.61061	65.46366	329.10408	8.10637	0.2120367	0.24549924	2.5260151	21	3 18.1	20.8
349330 2007 VK_{7}	16.1	X	53.97227	246.74704	94.77774	15.46268	0.0416903	0.21881989	2.7273750	21	12 7.8	19.9
349331 2007 VP_{11}	16.0	X	180.33678	267.75682	60.56730	15.53568	0.1344793	0.23772043	2.5808240	21	1 19.7	20.2
349332 2007 VD_{28}	17.2	X	293.10591	274.36214	139.16272	2.75923	0.0555205	0.20357955	2.8618483	21	9 21.1	21.0
349333 2007 VJ_{43}	16.0	X	328.92238	237.74209	72.77667	9.93711	0.0165857	0.17998790	3.1067563	21	6 29.0	20.3
349334 2007 VS_{45}	16.5	X	264.37478	102.94423	346.58790	5.42809	0.1460656	0.20341263	2.8634138	21	9 14.3	20.2
349335 2007 VV_{49}	16.2	X	175.55515	266.32388	249.22946	9.97642	0.1299422	0.19730140	2.9222404	21	8 30.2	21.1
349336 2007 VT_{56}	15.8	X	153.08229	43.31281	74.73873	11.26271	0.0871812	0.18596085	3.0398702	21	6 25.0	20.4
349337 2007 VZ_{56}	16.9	X	114.74647	236.93789	89.27087	6.16246	0.2162200	0.22676499	2.6632915	21	—	—
349338 2007 VH_{59}	17.0	X	5.02800	97.76098	295.95174	3.21077	0.0774039	0.21336072	2.7737016	21	12 10.6	20.5
349339 2007 VW_{76}	16.8	X	95.27634	84.70409	161.97139	2.28638	0.0113198	0.20345859	2.8629825	21	9 22.8	20.8
349340 2007 VU_{80}	17.1	X	306.95556	196.23925	214.62191	3.83178	0.0682487	0.20947556	2.8078925	21	10 5.2	20.5
349341 2007 VE_{82}	16.8	X	28.75930	121.45362	220.63923	5.55285	0.0493377	0.21025289	2.8009675	21	11 3.7	20.3
349342 2007 VV_{87}	15.5	X	94.56694	183.49273	28.56686	17.15686	0.0203315	0.19421621	2.9531062	21	8 16.8	20.0
349343 2007 VU_{93}	15.6	X	239.63840	50.53091	37.74555	14.52124	0.2027688	0.19215809	2.9741550	21	8 14.7	20.5
349344 2007 VR_{95}	16.0	X	309.56821	126.82223	265.52984	13.89591	0.1490767	0.20224390	2.8744346	21	8 27.8	19.7
349345 2007 VP_{101}	16.2	X	302.78080	269.01277	60.64601	12.88039	0.1077239	0.18840751	3.0134957	21	6 5.2	20.1
349346 2007 VG_{108}	16.4	X	322.49524	290.17670	57.56038	3.94835	0.1839528	0.19923370	2.9033151	21	7 23.1	19.7
349347 2007 VQ_{108}	16.9	X	296.47578	220.36528	239.34019	3.85709	0.1300584	0.21100434	2.7943134	21	11 17.3	20.1
349348 2007 VZ_{117}	16.8	X	336.56712	21.89666	341.19806	1.38736	0.0832580	0.20281428	2.8690428	21	9 15.6	20.1
349349 2007 VG_{119}	14.7	X	98.86434	65.64096	96.33804	26.51334	0.1745107	0.17358085	3.1827426	21	6 30.6	19.4
349350 2007 VN_{119}	17.0	X	341.84545	271.37002	112.24283	1.74247	0.0835885	0.21233366	2.7826387	21	10 24.2	20.2
349351 2007 VD_{124}	17.2	X	256.96305	205.33207	212.91305	0.92052	0.1108641	0.19487115	2.9464858	21	7 31.1	21.4
349352 2007 VL_{124}	16.2	X	118.15823	249.07889	245.39158	9.87579	0.0390055	0.18160625	3.0882719	21	6 1.2	20.6
349353 2007 VP_{128}	17.2	X	31.46603	115.06481	201.60821	3.81556	0.0604087	0.20818892	2.8194495	21	10 6.3	20.8
349354 2007 VS_{136}	16.5	X	265.15204	95.98616	294.37995	4.27498	0.3028947	0.19001865	2.9964376	21	6 11.1	21.3
349355 2007 VM_{145}	16.2	X	316.25505	36.39030	7.40908	5.55150	0.0755972	0.20406355	2.8573214	21	10 8.7	19.7
349356 2007 VJ_{146}	17.1	X	315.94958	114.52754	337.62930	3.45288	0.0693936	0.21292753	2.7774623	21	12 12.8	20.4
349357 2007 VC_{170}	15.8	X	239.67180	312.02961	74.15389	10.93216	0.1125477	0.18797602	3.0181055	21	5 31.7	20.3
349358 2007 VV_{183}	15.6	X	76.68092	324.37427	295.34609	9.99453	0.0691122	0.18751396	3.0230615	21	9 16.9	20.0
349359 2007 VK_{190}	16.1	X	270.79485	90.80223	28.25435	9.37882	0.1107489	0.20943709	2.8082364	21	11 5.2	19.7
349360 2007 VL_{190}	16.5	X	82.40313	87.65117	250.17618	5.15541	0.0465582	0.21908188	2.7252002	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349361 2007 VQ_{191}	15.2	X	29.07288	303.27058	285.89061	17.66899	0.1388677	0.17245782	3.1965447	21	6 14.6	19.2
349362 2007 VC_{197}	16.5	X	150.17168	198.74902	291.86510	3.34346	0.2297152	0.17827795	3.1265902	21	7 14.9	21.9
349363 2007 VW_{206}	16.1	X	356.58489	356.24773	74.77965	11.70771	0.1089835	0.21900968	2.7257991	21	—	—
349364 2007 VM_{209}	16.9	X	272.15001	121.55565	277.17913	5.06930	0.2276616	0.19716820	2.9235563	21	7 8.0	21.0
349365 2007 VT_{223}	16.4	X	336.58468	329.04470	92.47641	6.28529	0.1647719	0.21404060	2.7678248	21	12 8.1	19.2
349366 2007 VB_{227}	17.1	X	73.48507	286.68583	84.51671	9.02147	0.2671886	0.29764951	2.2216004	21	—	—
349367 2007 VL_{235}	16.8	X	323.54097	176.51555	184.75151	1.85534	0.0965704	0.19813779	2.9140109	21	8 21.3	20.4
349368 2007 VS_{244}	17.1	X	71.62588	342.44034	70.17530	2.99900	0.2009930	0.23098541	2.6307507	21	—	—
349369 2007 VE_{272}	16.3	X	143.07656	7.03726	239.72545	7.35183	0.0835895	0.21456656	2.7632999	21	11 23.6	20.3
349370 2007 VW_{274}	16.4	X	318.42004	332.43839	110.86233	8.26710	0.1541587	0.21245633	2.7815675	21	12 3.7	19.3
349371 2007 VQ_{283}	16.6	X	303.31247	326.05637	59.22297	2.95129	0.0869387	0.19817034	2.9136918	21	8 25.4	20.2
349372 2007 VL_{301}	16.0	X	324.71720	310.93393	128.58449	14.29422	0.1361384	0.21244861	2.7816349	21	12 11.6	19.3
349373 2007 VW_{303}	15.9	X	35.20874	302.49504	102.78696	23.25925	0.0868842	0.22505264	2.6767839	21	—	—
349374 2007 VV_{309}	15.8	X	237.38683	88.91931	300.40613	7.90870	0.1085289	0.18108723	3.0941700	21	6 1.8	20.6
349375 2007 VY_{309}	16.5	X	229.33044	308.97671	109.09028	3.47577	0.1003401	0.18318256	3.0705297	21	6 30.5	21.1
349376 2007 VL_{310}	15.8	X	281.23421	83.76561	309.98451	9.31090	0.1678204	0.18664956	3.0323877	21	7 22.4	20.0
349377 2007 VC_{323}	16.3	X	330.84660	33.03800	17.97953	9.27197	0.1725640	0.20949482	2.8077204	21	11 7.8	19.2
349378 2007 VG_{326}	16.4	X	229.11660	176.44189	221.32311	5.92310	0.0172218	0.18469162	3.0537813	21	6 12.5	20.8
349379 2007 WR_{3}	15.9	X	2.80888	335.75420	108.94783	14.81130	0.2258019	0.22447913	2.6813411	21	—	—
349380 2007 WX_{5}	16.2	X	314.09643	94.88645	5.67444	9.48330	0.0997858	0.21462557	2.7627934	21	12 20.4	19.7
349381 2007 WX_{9}	17.1	X	32.03062	157.06768	180.51675	0.62185	0.0491016	0.21116629	2.7928846	21	11 2.6	20.5
349382 2007 WZ_{33}	16.2	X	28.00366	239.28246	45.70405	11.35404	0.0925369	0.19518326	2.9433438	21	8 29.1	20.1
349383 2007 WN_{39}	16.5	X	326.63260	352.47202	115.19927	4.91657	0.0669034	0.22035994	2.7146528	21	—	—
349384 2007 WF_{51}	17.1	X	275.07339	272.83112	165.31767	2.25259	0.0374244	0.20278741	2.8692962	21	9 30.5	21.0
349385 2007 WU_{55}	16.1	X	143.39917	247.95959	73.54199	14.10918	0.1947637	0.22914216	2.6448398	21	—	—
349386 Randywright	16.3	X	339.90938	268.00095	70.34666	13.34144	0.1466527	0.19809774	2.9144037	21	8 21.3	19.8
349387 2007 WR_{61}	16.0	X	314.59220	78.46490	331.57178	8.34093	0.1340562	0.20494353	2.8491364	21	10 6.4	19.4
349388 2007 WC_{62}	16.3	X	7.21865	154.22479	256.44127	10.87237	0.0976464	0.21709746	2.7417818	21	—	—
349389 2007 XU_{2}	16.0	X	185.63410	167.49424	293.72297	8.14336	0.0423173	0.18175392	3.0865989	21	7 9.7	20.5
349390 2007 XT_{15}	16.3	X	340.69088	93.81081	321.73621	5.13875	0.1158372	0.21065426	2.7974085	21	12 3.1	19.5
349391 2007 XG_{18}	15.8	X	287.58183	325.38123	65.54515	8.17043	0.1206393	0.19358562	2.9595158	21	8 5.9	19.8
349392 2007 XQ_{28}	16.7	X	171.66400	198.36612	335.24758	0.83030	0.1506838	0.19553895	2.9397734	21	9 21.8	21.5
349393 2007 XR_{39}	16.1	X	253.74846	120.77276	322.55099	5.77961	0.1373367	0.19332825	2.9621417	21	8 24.5	20.2
349394 2007 XN_{40}	15.7	X	293.24228	358.04232	67.43332	10.43378	0.0859010	0.19848063	2.9106543	21	10 7.0	19.6
349395 2007 XX_{40}	15.8	X	306.88901	308.26012	76.52029	12.09199	0.1673213	0.19916244	2.9040077	21	8 23.3	19.5
349396 2007 XW_{46}	15.8	X	217.70443	136.93237	282.04887	10.54306	0.1206584	0.18373025	3.0644246	21	6 18.1	20.5
349397 2007 XM_{52}	15.7	X	248.95497	269.68480	96.99878	12.23224	0.1200266	0.17770797	3.1332721	21	5 19.8	20.5
349398 2007 XZ_{54}	16.2	X	236.29949	289.89672	131.71597	2.39975	0.2740523	0.18884880	3.0087994	21	6 27.2	21.2
349399 2007 XD_{56}	15.3	X	185.96491	81.28753	293.10757	24.45650	0.2826002	0.17292060	3.1908390	21	3 14.9	21.5
349400 2007 YK_{3}	15.9	X	97.25109	115.53528	95.55433	10.76086	0.0525912	0.19003040	2.9963140	21	8 17.6	20.2
349401 2007 YK_{11}	16.4	X	225.90253	125.23663	322.35536	6.49379	0.1938123	0.18822484	3.0154451	21	7 26.7	21.2
349402 2007 YL_{12}	15.6	X	41.94210	139.02077	88.77247	18.04203	0.1583875	0.17436751	3.1731626	21	7 5.9	19.5
349403 2007 YP_{13}	17.8	X	50.61209	124.79894	91.77077	20.30237	0.1095814	0.39475102	1.8404352	21	6 24.6	18.7
349404 2007 YR_{13}	16.3	X	309.98913	103.43188	312.33411	11.08854	0.0402268	0.19876987	2.9078300	21	10 11.6	20.5
349405 2007 YF_{26}	15.3	X	101.68215	55.09969	93.50679	19.53012	0.0052771	0.17381749	3.1798532	21	5 28.8	19.9
349406 2007 YU_{27}	16.1	X	234.92591	302.36124	83.13232	10.85433	0.1141626	0.17874030	3.1211961	21	5 26.9	20.8
349407 2007 YY_{29}	15.5	X	130.70377	201.82900	284.44150	15.89761	0.1830680	0.17386090	3.1793239	21	6 20.7	20.6
349408 2007 YQ_{32}	16.1	X	159.65721	345.64322	250.32257	5.00996	0.0217235	0.20944556	2.8081606	21	11 28.1	20.0
349409 2007 YS_{41}	16.0	X	217.98973	301.38827	114.11802	12.84208	0.1362343	0.18022345	3.1040486	21	6 14.2	21.0
349410 2007 YD_{42}	16.5	X	147.16648	41.50015	77.91674	1.97933	0.1359449	0.17564020	3.1578156	21	6 23.9	21.5
349411 2007 YT_{48}	15.8	X	293.64138	343.77607	101.47153	13.57477	0.0269717	0.20189838	2.8777131	21	11 9.2	19.9
349412 2007 YC_{49}	15.7	X	162.73269	4.93277	103.88669	13.12806	0.0560429	0.17881019	3.1203828	21	6 23.3	20.4
349413 2007 YT_{54}	15.5	X	105.06706	96.79454	78.27083	17.28636	0.2061336	0.17528348	3.1620985	21	7 29.7	20.6
349414 2007 YA_{66}	16.0	X	286.38670	319.41637	117.76074	11.90553	0.0774027	0.19682320	2.9269717	21	10 13.8	20.1
349415 2007 YH_{68}	15.5	X	297.83353	276.76986	115.30242	13.26289	0.1361996	0.19186816	2.9771505	21	8 19.6	19.3
349416 2008 AL_{5}	16.2	X	227.89705	233.80471	238.56960	10.40750	0.0815437	0.20008149	2.8951081	21	9 3.4	20.6
349417 2008 AF_{7}	16.8	X	43.14006	294.37259	110.60449	4.42422	0.1155866	0.22240131	2.6980158	21	—	—
349418 2008 AB_{10}	15.9	X	341.06092	69.04073	288.06878	9.06916	0.1236589	0.19253212	2.9703018	21	9 7.9	19.5
349419 2008 AO_{19}	16.7	X	189.27017	165.24787	342.20489	3.69036	0.0509439	0.18729936	3.0253702	21	9 9.8	21.2
349420 2008 AX_{19}	15.5	X	95.99106	58.10725	131.38684	17.27008	0.1628189	0.17571262	3.1569479	21	7 30.5	20.2
349421 2008 AJ_{22}	15.9	X	193.20944	328.89986	114.25113	6.50921	0.1330461	0.17670491	3.1451182	21	6 23.4	21.0
349422 2008 AG_{29}	15.6	X	183.20099	307.22243	150.56476	17.91244	0.2476242	0.18008210	3.1056727	21	7 1.7	21.3
349423 2008 AK_{37}	16.7	X	151.63116	197.93202	304.18250	2.36465	0.2087610	0.17836035	3.1256271	21	7 29.0	21.9
349424 2008 AE_{42}	17.7	X	131.83675	118.03733	286.89979	17.44827	0.0978406	0.37998413	1.8878135	21	1 24.0	19.3
349425 2008 AD_{46}	16.6	X	348.58307	306.80815	82.40283	3.25936	0.0759629	0.20658650	2.8340103	21	11 9.8	20.1
349426 2008 AJ_{46}	17.0	X	280.26406	35.91480	79.01978	0.45421	0.0361974	0.20851988	2.8164653	21	11 23.9	20.6
349427 2008 AJ_{57}	16.5	X	114.96369	6.33123	125.32347	2.81870	0.1484014	0.17120397	3.2121328	21	6 7.9	21.3
349428 2008 AZ_{67}	15.9	X	118.31519	203.46285	309.10553	8.63181	0.0473850	0.17423475	3.1747744	21	6 26.2	20.5
349429 2008 AO_{69}	18.6	X	302.88898	250.71328	323.64667	2.14326	0.1266864	0.36829920	1.9275347	21	—	—
349430 2008 AT_{84}	15.8	X	222.24113	228.98327	294.33446	10.00121	0.2032166	0.19886469	2.9069056	21	10 17.6	20.6
349431 2008 AN_{85}	15.9	X	223.71579	262.60995	310.88251	7.04648	0.1526668	0.20656750	2.8341841	21	12 29.7	20.1
349432 2008 AV_{109}	17.6	X	216.54675	36.55175	180.56540	3.61472	0.1563916	0.27869932	2.3211976	21	—	—
349433 2008 AW_{109}	15.9	X	144.17820	354.32306	142.60115	11.02880	0.0607320	0.17712873	3.1400992	21	7 7.2	20.6
349434 2008 AL_{134}	16.1	X	251.70537	112.42238	336.25488	9.68003	0.0819433	0.19271279	2.9684451	21	9 5.2	20.2
349435 2008 AJ_{135}	15.7	X	89.47912	194.60397	21.59689	12.83073	0.1228761	0.18019379	3.1043893	21	8 26.7	20.4
349436 2008 AL_{135}	16.3	X	173.62258	114.21422	43.79944	8.29001	0.1406678	0.18624863	3.0367380	21	9 8.5	21.3
349437 2008 BP	15.3	X	143.76150	24.40035	75.04842	12.01052	0.0474500	0.17257379	3.1951125	21	5 21.3	20.0
349438 2008 BA_{1}	16.4	X	225.06934	71.86434	68.96744	9.98086	0.0825988	0.19707728	2.9244555	21	10 14.8	20.7
349439 2008 BF_{1}	15.1	X	187.87970	331.30256	98.72631	23.46957	0.0666244	0.17621448	3.1509510	21	6 6.3	20.0
349440 2008 BQ_{2}	17.6	X	160.98314	274.46651	110.30019	23.39410	0.1166777	0.38118546	1.8838450	21	2 16.3	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349441 2008 BB_4	17.6	X	214.59220	267.10482	328.38665	5.46025	0.1898542	0.28217076	2.3021204	21	—	—
349442 2008 BK_{22}	16.2	X	144.66650	201.89799	320.71448	3.49351	0.0816880	0.17807505	3.1289648	21	8 10.7	20.9
349443 2008 BT_{36}	17.7	X	97.60899	109.02281	338.53438	17.60377	0.1075292	0.37575430	1.9019543	21	2 12.4	19.0
349444 2008 BM_{39}	16.2	X	237.53356	113.57855	346.36778	9.80917	0.1323867	0.19008572	2.9957327	21	8 29.2	20.6
349445 2008 BH_{50}	16.9	X	235.86002	277.53428	144.61597	2.24849	0.1615939	0.18660382	3.0328832	21	7 6.6	21.5
349446 2008 CA_2	15.5	X	178.77265	242.84191	297.75578	8.79113	0.1870831	0.18921282	3.0049391	21	9 30.8	20.7
349447 2008 CM_8	15.3	X	229.98111	348.32626	112.41369	20.16006	0.0654892	0.18550379	3.0448614	21	9 1.6	20.0
349448 2008 CJ_{54}	16.3	X	217.80392	278.26857	148.37472	18.06395	0.3515990	0.18425379	3.0586170	21	6 17.6	22.2
349449 2008 CS_{59}	15.6	X	176.82547	300.11190	152.69808	15.31912	0.1572249	0.17497710	3.1657885	21	6 20.9	21.0
349450 2008 CF_{69}	16.1	X	144.93602	229.74176	306.07670	8.22191	0.0184410	0.18147503	3.0897603	21	8 22.1	20.6
349451 2008 CH_{69}	15.5	X	120.80512	231.52733	327.42535	8.81208	0.1492912	0.18025288	3.1037108	21	9 3.5	20.3
349452 2008 CK_{71}	15.4	X	215.16121	335.43753	92.52376	12.66858	0.0692346	0.17840570	3.1250974	21	6 29.8	20.0
349453 2008 CD_{76}	15.7	X	193.02636	316.55370	156.95835	17.19375	0.1782240	0.17821041	3.1273801	21	7 27.7	21.0
349454 2008 CK_{79}	16.8	X	204.83531	11.64248	120.08867	6.28673	0.2230417	0.18645207	3.0345287	21	8 29.8	21.9
349455 2008 CL_{85}	15.7	X	324.92209	152.74796	165.71898	9.43301	0.0611021	0.17255492	3.1953455	21	6 29.7	20.1
349456 2008 CZ_{93}	16.1	X	155.41648	59.16860	112.38437	6.09962	0.0876147	0.18089292	3.0963854	21	9 4.5	20.8
349457 2008 CT_{114}	16.1	X	52.29592	57.09905	209.20975	4.62265	0.1222482	0.18156489	3.0887409	21	9 4.4	20.2
349458 2008 CP_{117}	17.2	X	225.31590	241.51921	196.16271	1.43928	0.2839032	0.18479103	3.0526859	21	7 7.1	22.4
349459 2008 CH_{118}	16.0	X	219.80430	97.29806	327.12261	8.09107	0.1789592	0.18092036	3.0960723	21	6 23.5	21.2
349460 2008 CH_{128}	17.8	X	149.31617	109.42493	151.47459	6.86633	0.0896240	0.27210510	2.3585491	21	12 26.9	21.2
349461 2008 CQ_{134}	16.0	X	225.65929	305.17461	150.66808	11.45919	0.2294271	0.18615161	3.0377930	21	8 1.2	21.1
349462 2008 CS_{136}	15.7	X	190.42365	105.09089	304.83088	4.63803	0.0982775	0.16970542	3.2310145	21	5 10.2	20.8
349463 2008 CB_{137}	15.8	X	269.02915	64.30378	318.68414	16.00325	0.3278008	0.18527947	3.0473185	21	6 1.7	21.0
349464 2008 CN_{137}	15.9	X	201.49584	103.07897	344.30813	14.65354	0.0745544	0.17580756	3.1558113	21	7 12.2	20.9
349465 2008 CT_{149}	16.2	X	173.07523	129.80992	327.15126	15.81467	0.2005364	0.17391702	3.1786398	21	6 23.7	21.8
349466 2008 CO_{163}	15.4	X	139.86215	0.61343	146.93554	11.50720	0.1546602	0.17558523	3.1584747	21	7 21.8	20.5
349467 2008 CE_{168}	16.5	X	292.30818	238.03468	0.04671	4.68449	0.1052897	0.21826162	2.7320237	21	1 25.0	20.5
349468 2008 CV_{175}	16.0	X	168.98138	112.70893	351.97645	17.34604	0.2131204	0.17468864	3.1692726	21	6 30.5	21.7
349469 2008 CW_{175}	15.6	X	154.61895	146.87463	3.65008	11.45473	0.2354025	0.17710559	3.1403727	21	8 15.2	21.1
349470 2008 CT_{181}	15.0	X	122.09501	299.93321	249.54246	25.08427	0.1867647	0.17457158	3.1706893	21	8 16.2	20.6
349471 2008 CP_{188}	15.1	X	150.06050	2.59772	103.25343	20.96642	0.0722958	0.17033766	3.2230145	21	6 9.2	20.1
349472 2008 CD_{212}	15.6	X	205.03413	165.27397	309.54280	7.15701	0.0167766	0.18210741	3.0826033	21	8 19.2	20.0
349473 2008 CF_{214}	16.2	X	125.60513	220.36677	277.78226	2.29388	0.1107286	0.17066784	3.2188563	21	6 23.0	21.1
349474 2008 DE_3	16.1	X	164.07943	201.04561	325.07511	9.05136	0.0311166	0.18485081	3.0520278	21	9 2.9	20.6
349475 2008 DA_9	15.8	X	7.98536	324.62201	319.36274	9.76297	0.0362454	0.17713535	3.1400210	21	7 19.1	20.0
349476 2008 DX_{23}	15.7	X	17.39501	289.94836	343.94950	8.37937	0.0551426	0.17343169	3.1845671	21	7 20.7	20.0
349477 2008 DA_{24}	16.1	X	190.14335	123.65070	2.01947	12.07013	0.2979490	0.17913171	3.1166479	21	8 11.5	21.8
349478 2008 DK_{25}	15.8	X	204.83593	43.82448	26.73443	8.80521	0.0226538	0.17251290	3.1958643	21	6 23.9	20.6
349479 2008 DW_{42}	17.0	X	240.58076	339.52088	89.60342	3.15434	0.1023172	0.18347735	3.0672399	21	7 27.3	21.4
349480 2008 DS_{72}	14.8	X	203.77567	63.30735	144.31842	9.81892	0.1005456	0.12395092	3.9838492	21	11 26.7	20.9
349481 2008 DO_{73}	15.7	X	101.64759	317.16131	322.05523	7.99305	0.0655818	0.19123130	2.9837566	21	11 11.6	20.3
349482 2008 DV_{73}	16.6	X	162.61042	180.24603	327.10789	2.41720	0.1627105	0.17668179	3.1453925	21	8 12.5	21.8
349483 2008 DC_{88}	16.0	X	197.18351	64.42646	12.85259	13.69507	0.0794653	0.17278473	3.1925115	21	6 20.9	21.1
349484 2008 EW_9	17.7	X	37.37072	185.64376	267.62304	1.64853	0.1526612	0.22083033	2.7107964	21	—	—
349485 2008 EQ_{92}	17.4	X	85.32577	109.82780	35.93109	22.02091	0.1074169	0.38223035	1.8804102	21	4 25.9	18.7
349486 2008 EW_{143}	15.6	X	0.89963	1.59754	276.35206	7.59769	0.0397668	0.17059297	3.2197980	21	6 29.8	19.9
349487 2008 EZ_{163}	16.0	X	0.35131	271.66280	197.11863	12.66767	0.1125491	0.21344961	2.7729315	21	—	—
349488 2008 FV_{14}	16.0	X	110.52429	122.49563	70.93521	2.14527	0.0983958	0.17302932	3.1895023	21	8 13.8	20.8
349489 2008 FC_{131}	16.3	X	186.61491	102.06092	7.32156	3.77865	0.0678141	0.17435502	3.1733142	21	7 21.3	21.1
349490 2008 GG_{22}	18.3	X	325.03444	248.94444	34.19919	7.27550	0.1724136	0.30228429	2.1988334	21	4 15.8	20.5
349491 2008 GB_{29}	15.4	X	156.52561	85.90615	82.79058	25.92573	0.2605067	0.17708188	3.1406530	21	9 15.9	21.4
349492 2008 GB_{30}	17.7	X	323.14195	134.46361	65.35722	22.48738	0.0598077	0.36497274	1.9392290	21	—	—
349493 2008 GN_{39}	16.6	X	191.93555	286.62353	164.30932	10.57859	0.2641277	0.17738596	3.1370628	21	6 29.1	22.3
349494 2008 GK_{121}	16.1	X	309.72298	183.82853	36.52073	14.36639	0.1441247	0.21540800	2.7560991	21	1 21.2	20.2
349495 2008 JH_{35}	15.1	X	128.65068	257.22794	296.65392	14.97516	0.2341985	0.17489421	3.1667887	21	9 4.2	20.6
349496 2008 KZ_{34}	13.3	X	324.21666	241.02857	78.61039	31.39572	0.0791836	0.08341262	5.1877801	21	6 26.8	20.0
349497 2008 NK	17.7	X	261.08543	181.65992	132.25558	6.25657	0.1667098	0.28469208	2.2885081	21	3 11.9	21.0
349498 2008 ND_3	18.0	X	300.64654	2.19174	298.98332	2.23864	0.1784736	0.29086777	2.2559994	21	4 3.6	20.9
349499 2008 OX_5	17.6	X	266.98528	43.32246	299.32471	2.96746	0.1538304	0.28889756	2.2662447	21	4 22.9	20.8
349500 2008 OH_8	17.3	X	289.01802	21.04580	283.92242	4.68547	0.0850375	0.28883130	2.2665913	21	4 6.6	20.1
349501 2008 OT_{19}	18.5	X	174.89503	174.41710	204.92826	0.69905	0.1944306	0.27354424	2.3502695	21	3 14.9	22.3
349502 2008 OR_{24}	17.9	X	228.89789	190.11970	158.13281	6.00256	0.1962572	0.28190818	2.3035497	21	3 23.5	21.6
349503 2008 PW_2	17.6	X	227.29828	154.05209	194.33604	5.92270	0.2291468	0.28189121	2.3036422	21	3 19.5	21.4
349504 2008 PQ_{11}	17.8	X	245.24056	241.38349	119.73212	2.22206	0.2631769	0.28667860	2.2779238	21	4 18.8	21.5
349505 2008 PE_{14}	17.9	X	269.91220	198.45342	159.75609	1.54207	0.1903204	0.29220958	2.2490879	21	5 15.0	21.0
349506 2008 PT_{17}	17.8	X	164.86194	126.03299	233.76301	1.64528	0.2191840	0.26827256	2.3809588	21	2 11.5	21.6
349507 2008 QY	18.6	X	120.89166	254.82666	1.94987	13.57756	0.5814266	0.78166149	1.1671417	21	—	—
349508 2008 QJ_5	16.8	X	306.90160	269.87627	173.25109	6.92258	0.3597216	0.22818452	2.6522346	21	10 17.5	18.6
349509 2008 QR_5	17.5	X	217.81983	160.43979	152.70716	2.73789	0.2001150	0.27068923	2.3667664	21	1 29.8	21.3
349510 2008 QP_{12}	17.7	X	190.85695	338.82188	341.27917	2.27538	0.2427947	0.26703231	2.3883254	21	1 19.1	21.6
349511 2008 QR_{12}	18.3	X	229.96074	178.96400	143.42140	1.94205	0.2054997	0.27756252	2.3275312	21	2 19.5	22.1
349512 2008 QM_{46}	17.7	X	179.50114	58.14423	302.32865	4.46696	0.1633707	0.27009409	2.3702418	21	2 21.1	21.4
349513 2008 RS	17.2	X	257.50431	216.36710	108.33035	7.87484	0.1471157	0.28270901	2.2991975	21	3 26.3	20.7
349514 2008 RM_8	17.7	X	134.90163	256.34670	197.11606	6.16465	0.0420270	0.27945815	2.3169937	21	4 22.9	20.6
349515 2008 RE_{14}	17.5	X	172.30191	171.55323	325.95533	7.26354	0.0450807	0.29671042	2.2262855	21	8 14.6	20.0
349516 2008 RY_{14}	17.6	X	298.49804	80.55017	204.61071	6.45198	0.1127388	0.28190686	2.3035569	21	3 20.6	20.4
349517 2008 RM_{23}	16.8	X	197.13040	18.25877	357.59703	9.67247	0.2308824	0.27379766	2.3488190	21	3 29.4	20.7
349518 2008 RL_{30}	17.6	X	198.74332	346.31937	345.79484	0.96343	0.1999145	0.26986567	2.3715792	21	2 6.5	21.3
349519 2008 RW_{30}	17.8	X	139.99051	283.57194	175.40823	4.79511	0.1142906	0.28077520	2.3097424	21	5 16.7	20.9
349520 2008 RU_{40}	17.6	X	253.58045	319.45036	354.59839	2.70206	0.0691042	0.27630657	2.3345790	21	3 11.5	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349521 2008 RA_{62}	17.7	X	173.26708	106.73579	336.59334	6.80092	0.2266772	0.28320000	2.2965393	21	6 2.8	21.7
349522 2008 RF_{68}	17.7	X	209.69958	197.54922	106.08035	3.01762	0.1759490	0.26643655	2.3918844	21	1 12.1	21.5
349523 2008 RY_{73}	17.7	X	219.48413	110.69653	218.50632	1.08457	0.2309331	0.27488444	2.3426241	21	2 18.9	21.6
349524 2008 RG_{74}	17.5	X	293.69856	329.56745	4.42700	3.65587	0.2383946	0.29128452	2.2538471	21	5 1.7	20.4
349525 2008 RL_{95}	17.4	X	176.64864	119.06660	312.75251	5.46957	0.1550009	0.28366047	2.2940533	21	5 19.5	20.9
349526 2008 RH_{96}	17.1	X	180.07865	352.20877	342.65771	2.55057	0.2444008	0.26507691	2.4000564	21	1 28.6	21.0
349527 2008 RS_{113}	17.3	X	340.11115	217.29443	1.19544	5.56004	0.0327116	0.27485678	2.3427813	21	3 2.9	20.0
349528 2008 RN_{130}	17.8	X	121.12839	10.76966	24.11040	2.66459	0.1653903	0.25913071	2.4366330	21	2 6.0	20.8
349529 2008 RX_{135}	17.6	X	251.60016	98.21883	210.43812	3.47398	0.1675753	0.27882364	2.3205075	21	2 21.5	21.2
349530 2008 RY_{138}	17.1	X	132.79524	335.79985	44.81157	7.38212	0.1340321	0.26250358	2.4157161	21	1 29.3	20.3
349531 2008 SQ_{2}	17.3	X	227.97888	218.05159	86.63770	6.29413	0.2293250	0.27265582	2.3553722	21	1 28.9	21.3
349532 2008 SF_{3}	17.4	X	172.49832	230.68173	123.25503	3.05854	0.2364072	0.26734714	2.3864501	21	2 13.5	21.3
349533 2008 SO_{5}	17.4	X	211.97522	317.37069	62.63930	6.20302	0.1858475	0.27895591	2.3197740	21	4 18.9	21.1
349534 2008 ST_{8}	18.0	X	259.36287	79.70646	273.65696	1.30929	0.2134953	0.28691901	2.2766512	21	4 23.8	21.5
349535 2008 SZ_{13}	17.6	X	253.37357	154.66134	167.00160	5.09061	0.1707257	0.28254726	2.3000749	21	3 12.5	21.0
349536 2008 ST_{18}	18.0	X	222.39401	85.68468	353.83424	3.59490	0.1417512	0.29597904	2.2299515	21	7 18.9	21.1
349537 2008 SG_{24}	17.6	X	94.66117	306.43996	168.76844	2.94823	0.0705910	0.27619728	2.3351948	21	4 1.9	20.2
349538 2008 SC_{27}	17.7	X	128.37558	116.63706	335.87812	2.18220	0.1343750	0.27444266	2.3451374	21	4 24.6	20.9
349539 2008 SM_{32}	16.9	X	227.74028	141.66351	242.72093	5.18075	0.0841994	0.28324274	2.2963083	21	5 12.9	20.0
349540 2008 SG_{41}	17.6	X	254.40569	255.89107	64.06352	2.48371	0.1757340	0.28010056	2.3134497	21	3 12.4	21.1
349541 2008 SS_{52}	17.4	X	288.34286	282.77463	12.51869	4.49560	0.1494331	0.28066812	2.3103299	21	3 18.5	20.3
349542 2008 SW_{53}	17.6	X	143.32289	17.80009	23.81327	1.45844	0.1840370	0.26679679	2.3897308	21	3 13.1	21.0
349543 2008 SM_{67}	17.5	X	166.05177	55.24913	17.16562	9.44241	0.0656220	0.27636123	2.3342712	21	5 3.7	20.8
349544 2008 SM_{78}	17.6	X	349.06350	17.20745	217.92922	4.12478	0.1561181	0.28205378	2.3027570	21	3 20.1	19.7
349545 2008 SX_{87}	17.1	X	56.52046	227.21018	15.24883	6.99914	0.0593591	0.29231664	2.2485386	21	8 11.2	19.7
349546 2008 SU_{98}	17.5	X	261.47917	239.45285	57.54300	5.30553	0.1113301	0.27218887	2.3580652	21	2 25.7	20.9
349547 2008 SO_{106}	17.1	X	323.54400	251.53992	150.90271	1.64377	0.0968766	0.22649597	2.6654000	21	10 22.2	20.2
349548 2008 SY_{110}	16.9	X	79.95859	252.59363	257.21528	5.91256	0.0690356	0.27708963	2.3301785	21	4 27.0	19.5
349549 2008 SE_{111}	17.6	X	146.49487	257.86275	94.83846	2.61504	0.1982735	0.25975980	2.4326974	21	1 16.0	20.9
349550 2008 ST_{120}	18.3	X	81.38564	61.32555	359.44375	2.17846	0.1589305	0.25542369	2.4601519	21	1 10.9	20.7
349551 2008 SA_{122}	17.5	X	275.88825	290.35735	350.60505	1.00878	0.1664686	0.27307205	2.3529781	21	2 12.7	21.0
349552 2008 SD_{126}	17.0	X	335.71838	349.29754	359.27091	2.19274	0.2138325	0.22153214	2.7050682	21	8 20.0	19.3
349553 2008 SE_{128}	17.7	X	200.99179	85.10155	246.65458	4.07051	0.1259537	0.26558289	2.3970071	21	2 4.5	21.5
349554 2008 SU_{141}	16.5	X	162.85034	324.99195	55.57212	7.41402	0.2037138	0.26427280	2.4049224	21	3 11.2	20.3
349555 2008 SX_{142}	17.8	X	214.53688	245.19828	60.30318	3.17983	0.2041864	0.26427335	2.4049191	21	1 19.9	21.7
349556 2008 SL_{143}	17.7	X	178.84674	129.20738	194.50021	6.48050	0.1728089	0.25915048	2.4365091	21	1 8.6	21.5
349557 2008 SJ_{145}	17.7	X	87.87656	221.22278	254.65916	1.64971	0.1658266	0.26642030	2.3919817	21	4 8.2	20.3
349558 2008 SB_{147}	17.5	X	212.50735	22.30221	278.53623	4.15454	0.2428907	0.26796618	2.3827733	21	1 12.1	21.6
349559 2008 SX_{157}	17.7	X	278.85931	99.92540	186.29665	5.75287	0.1683116	0.27888315	2.3201774	21	2 19.9	21.1
349560 2008 SN_{158}	17.4	X	213.87467	330.55010	325.36569	3.08902	0.2538287	0.26777987	2.3838784	21	1 8.1	21.4
349561 2008 SS_{159}	17.8	X	211.53384	149.50037	186.61626	1.90502	0.2172749	0.27244453	2.3565898	21	2 21.2	21.8
349562 2008 SD_{163}	17.3	X	211.71305	157.38331	168.50248	5.34078	0.1664107	0.27022330	2.3694862	21	2 8.2	21.0
349563 2008 SY_{165}	17.7	X	227.84978	176.61747	143.63338	1.72935	0.2006581	0.27304210	2.3531501	21	2 15.7	21.3
349564 2008 SE_{172}	17.2	X	276.64225	76.79710	318.89624	5.81076	0.1822081	0.29608876	2.2294005	21	7 18.7	19.7
349565 2008 SX_{175}	17.1	X	199.39212	63.98638	339.31331	6.51447	0.1076014	0.27825810	2.3236507	21	5 3.4	20.6
349566 2008 SC_{182}	17.3	X	166.37667	251.82692	50.20410	6.04799	0.2171675	0.25385896	2.4702508	21	—	—
349567 2008 SP_{184}	17.3	X	176.89692	126.35948	270.83741	4.96121	0.1183416	0.27200440	2.3591312	21	4 2.1	20.9
349568 2008 SQ_{185}	17.4	X	236.97613	128.89367	209.14667	7.39683	0.1337364	0.27962798	2.3160555	21	3 17.8	20.8
349569 2008 SN_{199}	17.4	X	144.22161	113.02257	275.25499	1.49943	0.2247702	0.26383753	2.4075667	21	2 28.6	20.9
349570 2008 SP_{203}	17.5	X	156.33927	203.11405	120.99049	3.14788	0.2074503	0.25564429	2.4587365	21	—	—
349571 2008 SH_{235}	17.6	X	223.59073	182.67736	123.83517	2.35447	0.1972086	0.27042618	2.3683010	21	1 26.9	21.3
349572 2008 SZ_{235}	17.5	X	107.87230	49.28521	34.42328	5.46380	0.1720216	0.26089348	2.4256450	21	3 27.3	20.5
349573 2008 SR_{240}	17.3	X	98.87184	312.08347	84.34115	4.55252	0.1917549	0.25492716	2.4633454	21	1 11.7	19.9
349574 2008 SH_{241}	17.6	X	144.61906	284.76641	57.35475	3.02099	0.2134951	0.25905012	2.4371383	21	1 2.8	21.0
349575 2008 SD_{243}	15.6	X	358.84850	107.38783	54.43727	9.31804	0.0488844	0.18051344	3.1007233	21	2 1.5	19.9
349576 2008 SR_{259}	18.1	X	203.45974	241.40245	69.30652	3.13836	0.2211607	0.26636213	2.3923299	21	1 17.2	22.0
349577 2008 SJ_{263}	17.9	X	125.78718	107.93714	33.60584	5.23686	0.1275079	0.28168082	2.3047892	21	6 28.5	21.1
349578 2008 SC_{265}	15.7	X	172.84258	81.14287	222.24956	8.63797	0.0674829	0.17428095	3.1742133	21	—	—
349579 2008 SM_{268}	17.4	X	223.04508	218.38795	82.05663	3.67088	0.1810252	0.26478747	2.4018051	21	1 20.5	21.2
349580 2008 ST_{269}	16.5	X	250.48444	63.74087	209.10340	6.42216	0.0374911	0.25777666	2.4451584	21	1 16.8	19.9
349581 2008 SO_{279}	17.8	X	241.89329	126.27590	126.07519	2.42273	0.1490836	0.25733073	2.4479823	21	—	—
349582 2008 SL_{280}	16.9	X	139.50256	328.28078	69.42889	7.35999	0.1167511	0.26550351	2.3974848	21	2 27.2	20.2
349583 2008 SD_{281}	17.2	X	354.99476	227.69177	136.54663	2.85540	0.1156715	0.22383844	2.6864552	21	10 23.7	20.1
349584 2008 SO_{285}	17.5	X	205.03516	128.24658	181.62987	6.35534	0.1428656	0.26801937	2.3824580	21	1 13.1	21.3
349585 2008 SU_{294}	17.4	X	238.41674	280.65189	66.17288	9.50590	0.2444562	0.27970200	2.3156469	21	3 31.6	21.4
349586 2008 TQ_{5}	17.1	X	180.92425	191.34167	191.94068	6.48547	0.0569173	0.27219588	2.3580247	21	3 17.4	20.1
349587 2008 TT_{7}	17.5	X	174.66820	45.04767	14.14232	7.09229	0.1030076	0.27790260	2.3256319	21	4 28.6	20.8
349588 2008 TZ_{9}	16.9	X	305.29881	237.27725	171.32055	8.71636	0.2482376	0.22335799	2.6903062	21	9 7.3	19.5
349589 2008 TW_{10}	16.1	X	165.06207	131.80036	184.04733	7.38623	0.1580750	0.18101264	3.0950199	21	—	—
349590 2008 TL_{18}	17.9	X	114.69935	189.37103	272.72796	0.42566	0.1540207	0.26786445	2.3833766	21	4 24.9	21.1
349591 2008 TH_{26}	17.2	X	178.60174	185.62167	210.94306	21.52088	0.0734974	0.35348850	1.9810063	21	3 20.4	19.8
349592 2008 TJ_{48}	13.5	X	273.83652	337.16617	123.70376	5.47848	0.0578358	0.08381299	5.1712455	21	10 11.9	20.4
349593 2008 TG_{61}	17.6	X	96.67216	174.43134	13.69961	6.69931	0.0580972	0.28797007	2.2711082	21	7 19.6	20.4
349594 2008 TX_{69}	17.2	X	334.97969	345.73377	71.51065	4.47119	0.1375212	0.23151075	2.6267694	21	12 2.6	19.6
349595 2008 TA_{70}	17.7	X	85.71013	3.25437	82.79950	3.57754	0.1598888	0.25998107	2.4313169	21	2 23.8	20.3
349596 2008 TE_{93}	17.1	X	33.03954	159.24055	30.77169	7.36388	0.0568215	0.27680586	2.3317708	21	4 11.3	19.5
349597 2008 TF_{95}	17.5	X	174.25097	250.60716	158.81268	8.14722	0.2006350	0.27821794	2.3238743	21	4 24.1	21.3
349598 2008 TT_{113}	17.1	X	263.63584	190.53729	101.63660	2.74444	0.1845456	0.27285842	2.3542060	21	2 13.9	20.8
349599 2008 TS_{117}	16.9	X	31.91576	223.08090	12.65338	4.25715	0.1140078	0.28365638	2.2940753	21	6 22.8	19.1
349600 2008 TJ_{131}	17.0	X	164.68644	187.46956	219.05468	13.04523	0.0570778	0.27163481	2.3612706	21	3 26.7	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349601 2008 TY_{140}	17.7	X	103.67975	316.57546	188.11730	3.89833	0.1716154	0.27910068	2.3189717	21	6 11.8	20.7
349602 2008 TB_{187}	17.7	X	133.26088	151.69456	36.53382	4.86731	0.1110362	0.29500484	2.2348581	21	9 11.2	20.8
349603 2008 TH_{189}	17.2	X	131.38354	121.62311	5.65507	6.94756	0.0688732	0.27930763	2.3178261	21	6 7.2	20.3
349604 2008 UL_{1}	16.7	X	118.70413	349.23094	76.66259	11.96742	0.2363925	0.26200855	2.4187579	21	3 31.2	20.3
349605 2008 UZ_{3}	17.5	X	93.31939	358.16351	56.77004	2.23631	0.1713803	0.25540576	2.4602671	21	1 25.4	20.2
349606 Fleurance	17.1	X	76.98227	356.56005	86.98144	3.46804	0.1618768	0.25565089	2.4586941	21	2 5.6	19.4
349607 2008 US_{15}	17.5	X	141.19477	148.77201	344.00099	4.36771	0.0720942	0.28550981	2.2841363	21	6 29.5	20.5
349608 2008 UU_{22}	17.5	X	60.92589	121.27960	40.36254	4.16987	0.1914010	0.27037756	2.3685849	21	5 4.5	19.7
349609 2008 UF_{23}	16.9	X	215.84618	240.77590	198.99977	3.13642	0.0689630	0.21329838	2.7742421	21	7 15.3	20.9
349610 2008 UK_{42}	17.9	X	89.22088	249.38004	221.53417	2.36256	0.1817863	0.26216654	2.4177861	21	4 6.7	20.5
349611 2008 UV_{51}	17.1	X	69.51727	345.78100	45.56568	4.18240	0.1401992	0.24443415	2.5333477	21	—	—
349612 2008 UH_{56}	17.0	X	75.37288	291.42451	201.36571	9.75183	0.0688822	0.27180624	2.3602777	21	3 27.2	19.5
349613 2008 UA_{66}	16.8	X	57.66617	115.41412	241.27378	12.70516	0.1676189	0.23736719	2.5833837	21	—	—
349614 2008 UB_{67}	16.9	X	67.88584	250.96779	254.02482	5.77929	0.0800830	0.26690609	2.3890784	21	4 2.5	19.7
349615 2008 UX_{74}	17.1	X	95.59022	185.86916	278.55900	3.81985	0.1276361	0.26244348	2.4160849	21	3 27.3	19.9
349616 2008 UH_{82}	17.5	X	300.88100	217.20408	110.11755	3.97209	0.1692475	0.28871890	2.2671795	21	5 16.2	19.9
349617 2008 UD_{98}	17.5	X	201.71074	258.95839	102.65493	3.39580	0.2341416	0.27080922	2.3660673	21	3 18.8	21.5
349618 2008 UY_{101}	16.8	X	262.68733	291.80081	13.22777	6.22051	0.1327621	0.27406540	2.3472891	21	3 6.3	20.3
349619 2008 UK_{112}	16.9	X	302.59766	1.00130	246.26964	5.88318	0.0809645	0.26661405	2.3908227	21	2 8.6	20.1
349620 2008 UY_{116}	16.8	X	288.24674	162.33916	340.51994	4.63836	0.0462177	0.23811536	2.5779695	21	—	—
349621 2008 UU_{132}	16.8	X	229.00452	333.54984	231.23743	7.56433	0.1158324	0.23845986	2.5754860	21	—	—
349622 2008 UH_{141}	16.8	X	13.20282	198.46494	49.22026	7.03941	0.0883298	0.28004300	2.3137667	21	6 2.8	19.1
349623 2008 UX_{143}	17.7	X	94.65612	293.25993	147.89797	0.86162	0.1170067	0.25981676	2.4323418	21	2 22.6	20.5
349624 2008 UQ_{148}	16.8	X	327.02295	317.01079	237.27906	5.23144	0.0609886	0.25539810	2.4603163	21	1 8.8	19.9
349625 2008 UA_{151}	17.3	X	102.68132	82.04547	46.96569	7.38939	0.0558540	0.27107989	2.3644920	21	5 1.3	20.1
349626 2008 UD_{151}	16.9	X	285.33316	13.80565	231.56043	5.98261	0.0967238	0.25945017	2.4346325	21	1 16.6	20.3
349627 2008 UY_{153}	17.6	X	123.14675	292.57292	146.65263	0.36090	0.1835496	0.26432195	2.4046243	21	4 8.9	20.8
349628 2008 UK_{156}	17.7	X	126.26132	353.36996	45.59654	2.29649	0.1787433	0.26218996	2.4176421	21	2 19.2	20.8
349629 2008 UN_{160}	16.9	X	106.45388	6.56641	47.58379	10.57489	0.1789165	0.25575341	2.4580371	21	2 19.2	20.1
349630 2008 UH_{163}	17.4	X	118.46024	78.90438	225.53516	14.25135	0.1457286	0.24239970	2.5475028	21	—	—
349631 2008 UV_{169}	17.1	X	139.96869	145.91195	266.66806	5.80022	0.0982679	0.26796882	2.3827576	21	3 9.4	20.3
349632 2008 UQ_{178}	17.7	X	223.27943	62.49822	237.28909	6.03135	0.1388075	0.26421549	2.4052702	21	1 17.9	21.4
349633 2008 UG_{182}	17.8	X	62.55604	317.11394	150.52993	2.12531	0.1412551	0.25889491	2.4381123	21	2 9.2	20.0
349634 2008 UU_{185}	17.6	X	12.93212	272.32717	181.03271	1.41198	0.1376610	0.24223581	2.5486517	21	—	—
349635 2008 UJ_{192}	17.3	X	100.07812	229.57872	174.14827	2.68377	0.2043124	0.25401534	2.4692369	21	1 25.0	20.1
349636 2008 UG_{198}	16.8	X	170.68851	315.68318	38.43842	15.74858	0.2202765	0.26449952	2.4035480	21	2 18.8	21.0
349637 2008 UF_{210}	18.0	X	98.76151	111.01813	229.06028	3.57169	0.2362703	0.24637184	2.5200472	21	—	—
349638 2008 UP_{216}	16.2	X	61.15526	100.62690	287.85847	10.46984	0.2053626	0.23397328	2.6083060	21	—	—
349639 2008 UO_{225}	17.2	X	60.93296	200.95280	280.33579	4.42419	0.1787929	0.25715935	2.4490698	21	2 28.8	19.4
349640 2008 UA_{248}	18.0	X	133.62746	319.30268	92.21982	1.64245	0.1707381	0.26144736	2.4222179	21	3 14.9	21.4
349641 2008 UB_{248}	17.4	X	128.77837	339.78380	82.64491	3.07952	0.1600601	0.26204353	2.4185427	21	3 23.0	20.7
349642 2008 US_{250}	17.7	X	70.73342	85.59141	17.48505	1.57502	0.1491425	0.25852644	2.4404284	21	2 19.7	20.0
349643 2008 UW_{256}	17.5	X	76.30384	1.19102	75.67820	3.62507	0.1588675	0.25446684	2.4663153	21	1 25.5	20.0
349644 2008 UG_{260}	17.3	X	354.75982	11.79371	180.30125	6.35794	0.0983497	0.26252181	2.4156042	21	2 7.2	20.0
349645 2008 UJ_{270}	17.0	X	137.83894	151.65486	176.15824	3.28041	0.0100683	0.24653619	2.5189271	21	—	—
349646 2008 UW_{281}	17.3	X	325.99778	244.66205	251.76145	1.83015	0.0404794	0.24178293	2.5518333	21	—	—
349647 2008 UT_{294}	17.1	X	101.94719	117.79193	22.68020	6.30762	0.0760315	0.27374593	2.3491149	21	5 17.9	19.9
349648 2008 US_{303}	17.2	X	57.22110	139.23328	248.24596	3.34723	0.1113434	0.24052353	2.5607332	21	—	—
349649 2008 UF_{305}	16.4	X	356.40978	174.77869	299.51663	11.18243	0.1195714	0.23061940	2.6335333	21	—	—
349650 2008 UN_{315}	15.8	X	25.72494	243.42911	244.80791	8.86220	0.0224049	0.18092659	3.0960011	21	1 22.2	20.2
349651 2008 UT_{331}	16.0	X	159.27110	237.24168	54.43941	15.26242	0.0796971	0.24139364	2.5545761	21	—	—
349652 2008 UR_{335}	17.0	X	264.83491	235.57243	48.16424	8.29597	0.1056836	0.26779667	2.3837787	21	2 14.7	20.5
349653 2008 UZ_{346}	16.3	X	351.42856	18.40087	106.32269	8.13786	0.0991888	0.23338513	2.6126862	21	—	—
349654 2008 UB_{353}	17.1	X	29.72421	292.48548	259.52031	6.24997	0.0714080	0.26767170	2.3845206	21	4 6.4	19.7
349655 2008 VD_{7}	18.0	X	46.85132	118.22789	259.34372	4.45196	0.3210247	0.23948583	2.5681251	21	—	—
349656 2008 VD_{9}	17.2	X	10.72429	25.27154	119.47487	5.54197	0.1383105	0.25306801	2.4753952	21	—	—
349657 2008 VD_{21}	18.0	X	98.47048	31.31577	98.30654	3.37114	0.1538766	0.26860133	2.3790155	21	5 12.9	20.9
349658 2008 VR_{33}	17.1	X	187.19953	168.27636	125.95107	3.76371	0.1637755	0.25247113	2.4792952	21	—	—
349659 2008 VK_{47}	16.5	X	62.02440	283.23615	111.18480	10.14442	0.1102721	0.24250058	2.5467962	21	—	—
349660 2008 VO_{48}	16.6	X	98.19600	235.72570	64.41615	11.19358	0.1786070	0.23203103	2.6228412	21	12 20.9	20.9
349661 2008 VS_{48}	17.9	X	7.79518	251.58652	204.40295	0.87591	0.1423976	0.24095311	2.5576887	21	—	—
349662 2008 VL_{57}	16.9	X	88.95101	24.49989	59.60854	6.07932	0.1866640	0.25774224	2.4453760	21	3 5.0	19.6
349663 2008 VZ_{68}	16.8	X	285.06891	304.38473	150.64228	4.89812	0.0731188	0.21509847	2.7587426	21	11 3.5	20.3
349664 2008 VR_{70}	17.0	X	119.84478	340.68921	117.08137	5.60765	0.1581892	0.26066263	2.4270769	21	4 29.3	20.3
349665 2008 VL_{74}	16.5	X	1.72781	142.28992	272.65129	11.71369	0.1499861	0.22796473	2.6539390	21	—	—
349666 2008 VC_{80}	15.7	X	138.53101	52.26170	307.47404	12.85363	0.1751180	0.23775041	2.5806070	21	1 18.1	19.3
349667 2008 WN_{10}	17.4	X	129.39010	11.82163	43.36691	4.02521	0.1712855	0.26193334	2.4192209	21	3 15.8	20.8
349668 2008 WH_{11}	16.7	X	67.07752	30.16585	64.36787	8.54088	0.1041029	0.25571124	2.4583073	21	1 29.6	19.4
349669 2008 WA_{32}	18.0	X	86.18820	52.58594	39.97638	2.93660	0.1781994	0.25641530	2.4538052	21	3 9.2	20.5
349670 2008 WF_{59}	17.3	X	43.48244	328.77554	154.86473	3.40283	0.1521630	0.25460074	2.4654505	21	1 27.6	19.4
349671 2008 WY_{66}	17.6	X	102.86930	18.11683	87.26722	3.45700	0.1713301	0.26328936	2.4109073	21	4 18.9	20.5
349672 2008 WR_{68}	17.0	X	14.45367	153.03185	79.97278	7.42094	0.0835755	0.27187813	2.3598616	21	5 15.9	19.5
349673 2008 WB_{74}	16.4	X	305.17131	70.09967	91.26250	11.70761	0.1848364	0.23363926	2.6107914	21	—	—
349674 2008 WH_{76}	17.6	X	259.58994	29.29181	124.79708	3.13153	0.1396996	0.22897388	2.6461355	21	12 6.0	20.9
349675 2008 WD_{77}	16.4	X	91.95293	289.24415	82.08637	10.05729	0.0327136	0.24344819	2.5401831	21	—	—
349676 2008 WZ_{79}	16.5	X	330.07812	38.66350	110.28279	6.69760	0.0607034	0.24420892	2.5349051	21	—	—
349677 2008 WF_{82}	16.7	X	116.64316	179.54334	135.79201	5.38881	0.1151640	0.23790614	2.5794807	21	—	—
349678 2008 WO_{83}	17.4	X	102.35112	21.25763	111.13289	6.12180	0.1740628	0.26651085	2.3914398	21	5 25.8	20.6
349679 2008 WE_{88}	16.7	X	282.96359	298.25860	230.66933	27.45166	0.1149953	0.23966385	2.5668532	21	—	—
349680 2008 WU_{88}	17.8	X	151.52930	126.18021	330.68122	1.16202	0.1519524	0.27275078	2.3548254	21	5 28.9	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349681 2008 WE_{89}	16.2	X	52.18996	265.27847	98.90578	13.23245	0.2794246	0.23165057	2.6257123	21	—	—
349682 2008 WC_{90}	16.7	X	307.37380	28.51836	99.58016	15.36720	0.1446388	0.22736798	2.6585807	21	—	—
349683 2008 WP_{90}	15.9	X	317.25637	162.33285	291.46289	14.17637	0.1605803	0.22320868	2.6915058	21	12 18.5	18.7
349684 2008 WY_{98}	16.1	X	67.36492	148.03099	235.39776	8.36443	0.0651508	0.24027445	2.5625027	21	—	—
349685 2008 WA_{108}	16.4	X	12.91704	27.39639	82.89768	12.13926	0.1419259	0.23910515	2.5708501	21	—	—
349686 2008 WS_{110}	16.9	X	351.11840	196.10511	70.87316	7.60231	0.1191708	0.27706294	2.3303282	21	5 21.6	19.0
349687 2008 WD_{113}	17.7	X	335.29775	27.30712	77.44792	3.16045	0.1548742	0.23500028	2.6007013	21	—	—
349688 2008 WN_{115}	17.1	X	60.05832	190.22576	267.39971	1.27394	0.1252270	0.25184395	2.4834097	21	1 21.6	19.5
349689 2008 WP_{118}	16.0	X	154.13996	50.10157	262.75113	7.02335	0.1549309	0.24597869	2.5227317	21	—	—
349690 2008 WG_{127}	17.0	X	236.29799	262.83981	70.36799	7.87119	0.1385424	0.27065813	2.3669477	21	3 17.9	20.7
349691 2008 WC_{136}	16.3	X	104.68681	155.10267	226.80867	4.23215	0.1353906	0.24727668	2.5138958	21	—	—
349692 2008 WX_{139}	16.0	X	98.38899	179.75563	108.60908	8.34306	0.1013176	0.21698121	2.7427610	21	11 30.6	20.2
349693 2008 XS_{2}	16.1	X	13.20577	2.23293	81.06994	35.81567	0.2208757	0.23339500	2.6126126	21	—	—
349694 2008 XF_{3}	16.4	X	51.75300	253.64278	112.06527	29.25750	0.4048083	0.23390561	2.6088090	21	—	—
349695 2008 XA_{4}	16.1	X	51.19455	330.47626	83.45248	14.30397	0.1801992	0.24018856	2.5631135	21	—	—
349696 2008 XS_{4}	15.8	X	70.31902	334.37565	74.40256	15.75169	0.0828755	0.24301173	2.5432237	21	—	—
349697 2008 XC_{11}	17.1	X	68.00385	270.89747	137.63496	4.91222	0.2507037	0.24663421	2.5182596	21	—	—
349698 2008 XV_{21}	16.1	X	106.42518	124.46608	248.54738	4.11803	0.1698843	0.24489730	2.5301526	21	—	—
349699 2008 XW_{22}	16.9	X	340.11929	90.59258	100.49012	5.74521	0.1286647	0.25464651	2.4651550	21	1 13.6	19.9
349700 2008 XG_{34}	17.2	X	210.73573	338.15090	291.26587	4.72725	0.1224270	0.24633396	2.5203055	21	—	—
349701 2008 XR_{37}	17.0	X	1.66934	4.85840	60.68485	8.75486	0.1745616	0.23419930	2.6066276	21	—	—
349702 2008 XJ_{46}	16.8	X	79.35971	299.59310	121.59756	6.01041	0.1892128	0.24158463	2.5532295	21	1 15.8	19.4
349703 2008 XW_{50}	17.2	X	112.59212	328.51953	104.51260	2.21534	0.1589299	0.25618111	2.4553005	21	3 17.2	20.2
349704 2008 XH_{51}	16.8	X	71.41377	348.11217	63.61505	8.59080	0.2614349	0.24499212	2.5294997	21	—	—
349705 2008 XX_{51}	15.9	X	87.92209	297.33193	59.95409	13.93537	0.2775424	0.24055304	2.5605238	21	—	—
349706 2008 XF_{52}	16.0	X	122.47843	286.96851	79.29045	28.22432	0.1319889	0.24314017	2.5423279	21	—	—
349707 2008 YU_{2}	16.4	X	106.24406	19.92516	349.92778	2.18548	0.2025797	0.24495129	2.5297808	21	—	—
349708 2008 YY_{2}	16.3	X	91.39689	166.37175	201.14173	13.81225	0.2123557	0.24482605	2.5306434	21	—	—
349709 2008 YY_{3}	17.2	X	45.45348	298.52180	45.55262	6.46745	0.1314730	0.22081297	2.7109385	21	12 11.5	20.9
349710 2008 YP_{5}	15.7	X	131.18581	224.71838	99.25457	12.29724	0.1881933	0.24113918	2.5563728	21	—	—
349711 2008 YM_{8}	17.5	X	91.82303	260.78031	220.10539	0.64649	0.1381831	0.25899397	2.4374906	21	4 18.4	20.2
349712 2008 YP_{8}	17.5	X	91.75177	333.38419	109.06181	3.23094	0.1604030	0.25579354	2.4577800	21	2 28.9	20.2
349713 2008 YQ_{9}	17.1	X	54.70079	327.40974	102.76908	9.97890	0.2757372	0.24242924	2.5472958	21	—	—
349714 2008 YF_{11}	17.0	X	246.60551	90.96109	88.39475	4.18881	0.0121716	0.23261856	2.6184230	21	—	—
349715 2008 YT_{16}	16.6	X	84.69635	99.52184	289.24021	3.58698	0.2244225	0.24155211	2.5534586	21	—	—
349716 2008 YO_{26}	16.5	X	76.77764	149.13711	259.10428	7.00594	0.2076314	0.24390991	2.5369764	21	—	—
349717 2008 YS_{28}	17.5	X	59.50459	201.11216	301.77058	1.37991	0.1474632	0.25593718	2.4568603	21	3 28.5	19.8
349718 2008 YF_{37}	15.9	X	102.62926	196.06599	115.42531	16.43250	0.0507735	0.22217726	2.6998294	21	12 29.1	19.9
349719 2008 YB_{40}	17.1	X	33.34789	95.75495	87.58821	2.43817	0.1171488	0.25696805	2.4502851	21	4 7.8	19.4
349720 2008 YB_{44}	17.0	X	133.93261	284.70606	319.23960	2.48220	0.0502595	0.21591257	2.7518036	21	11 8.7	21.0
349721 2008 YJ_{45}	16.2	X	1.81368	345.56204	95.87457	8.05451	0.0569131	0.23150761	2.6267931	21	—	—
349722 2008 YE_{50}	16.3	X	216.24013	285.84139	313.95540	13.72396	0.0065792	0.23054291	2.6341158	21	—	—
349723 2008 YR_{52}	17.0	X	273.79957	65.55979	75.86176	3.46273	0.1023012	0.22162753	2.7042920	21	12 13.2	20.1
349724 2008 YP_{62}	17.1	X	34.39443	239.83260	137.15672	6.87628	0.0679036	0.22459927	2.6803849	21	12 30.9	20.7
349725 2008 YK_{65}	16.2	X	81.71148	267.72650	104.36458	14.84559	0.2086726	0.23556520	2.5965417	21	—	—
349726 2008 YH_{68}	16.6	X	64.13402	312.81397	112.63879	12.56393	0.2727275	0.24259131	2.5461611	21	—	—
349727 2008 YM_{69}	17.5	X	332.69304	16.63785	82.26064	2.24862	0.0998002	0.22934320	2.6432940	21	—	—
349728 2008 YF_{70}	15.9	X	2.97506	163.23001	299.37915	21.41249	0.0486314	0.23523346	2.5989823	21	—	—
349729 2008 YF_{80}	16.8	X	212.10314	10.80049	152.44199	4.57736	0.0406248	0.21174920	2.7877567	21	10 31.5	20.8
349730 2008 YV_{80}	17.4	X	127.32649	98.60534	333.93271	3.42611	0.1623525	0.25804869	2.4434396	21	4 1.4	20.8
349731 2008 YS_{86}	17.8	X	337.00754	236.09728	216.12982	1.50106	0.1778330	0.23060432	2.6336482	21	—	—
349732 2008 YB_{93}	17.2	X	111.05953	81.41942	291.86676	13.87040	0.1695779	0.24391357	2.5369510	21	—	—
349733 2008 YW_{97}	16.9	X	280.27158	20.41785	99.80609	6.27290	0.0650959	0.21892092	2.7265358	21	11 30.2	20.4
349734 2008 YH_{104}	16.8	X	141.12773	116.14977	305.26219	5.24535	0.1288688	0.25798665	2.4438314	21	3 27.9	20.3
349735 2008 YU_{105}	17.1	X	336.44808	154.82711	284.07410	1.68784	0.1226864	0.22469107	2.6796548	21	—	—
349736 2008 YF_{109}	16.9	X	92.69718	29.91249	313.82982	10.89474	0.2036586	0.22962974	2.6410946	21	—	—
349737 2008 YU_{109}	17.0	X	88.11477	75.76272	262.02601	10.59991	0.0743172	0.23520706	2.5991767	21	—	—
349738 2008 YB_{110}	16.8	X	242.62104	355.94197	117.75392	5.48447	0.0259986	0.21109253	2.7935352	21	10 9.2	20.7
349739 2008 YJ_{117}	16.7	X	26.30077	256.87772	106.91172	7.32146	0.0376369	0.21831278	2.7315969	21	11 29.4	20.4
349740 2008 YJ_{126}	16.1	X	313.90729	52.26726	111.38687	29.77088	0.1427199	0.23479570	2.6022117	21	—	—
349741 2008 YM_{130}	17.1	X	295.80969	325.81152	80.75026	3.30662	0.0643265	0.21026992	2.8008162	21	9 16.3	20.6
349742 2008 YV_{131}	17.3	X	42.81251	11.75268	0.92481	1.72601	0.1125141	0.22774948	2.6556109	21	—	—
349743 2008 YB_{134}	17.8	X	333.47649	51.86014	77.15509	3.87067	0.1086658	0.23940567	2.5686983	21	—	—
349744 2008 YH_{134}	17.6	X	72.66834	238.38395	236.77455	0.55415	0.1385897	0.25780325	2.4449902	21	3 10.4	20.0
349745 2008 YG_{140}	16.6	X	89.40851	184.83086	206.66776	2.70756	0.2469545	0.24333815	2.5409488	21	—	—
349746 2008 YG_{145}	16.4	X	67.97449	249.36763	134.29509	6.06432	0.3422554	0.23852081	2.5750472	21	—	—
349747 2008 YL_{146}	16.5	X	297.69074	21.57442	123.20492	14.63365	0.1897657	0.22648705	2.6654700	21	—	—
349748 2008 YD_{151}	16.8	X	121.18497	112.50444	147.67071	3.95519	0.0428854	0.21514252	2.7583659	21	11 15.9	20.7
349749 2008 YJ_{155}	17.0	X	277.27928	300.62914	127.76594	1.38794	0.0501179	0.20781375	2.8228418	21	9 19.7	20.7
349750 2008 YZ_{155}	16.1	X	12.96682	82.57987	31.04831	14.67060	0.0889440	0.23962693	2.5671168	21	—	—
349751 2008 YQ_{156}	16.5	X	357.36953	310.23079	129.20226	14.72410	0.0816530	0.22869997	2.6482480	21	—	—
349752 2008 YP_{157}	16.6	X	100.87532	149.77364	115.28379	4.39154	0.0525188	0.21106809	2.7937507	21	10 30.5	20.6
349753 2008 YD_{167}	17.3	X	149.93708	205.59303	234.40807	1.73986	0.1391790	0.26813737	2.3817590	21	5 4.1	20.8
349754 2008 YP_{171}	16.7	X	2.08183	90.12238	313.51584	11.27351	0.2074858	0.22671279	2.6637003	21	—	—
349755 2009 AE_{2}	16.5	X	85.49410	334.67072	123.05082	7.02922	0.0965937	0.25679812	2.4513660	21	3 3.2	19.3
349756 2009 AV_{7}	16.5	X	49.94831	334.95811	67.88287	5.87264	0.1656631	0.23691917	2.5866396	21	—	—
349757 2009 AA_{13}	17.0	X	33.47770	151.25833	241.99062	3.17981	0.0863121	0.22939555	2.6428918	21	—	—
349758 2009 AM_{13}	16.1	X	95.55349	156.40168	123.31896	9.25177	0.1604637	0.21494281	2.7600743	21	11 23.3	20.5
349759 2009 AR_{17}	16.6	X	313.18214	123.15037	98.95623	6.86619	0.2165764	0.24675568	2.5174331	21	1 7.7	20.0
349760 2009 AY_{19}	16.8	X	26.94938	257.64267	99.01033	5.09283	0.1324781	0.21949999	2.7217384	21	12 3.8	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349761 2009 AR_{22}	16.4	X	293.06514	349.95575	126.37281	5.90225	0.0136213	0.22345205	2.6895513	21	12 17.9	20.0
349762 2009 AL_{25}	17.2	X	12.58852	269.34404	305.06367	0.60094	0.1331148	0.25816730	2.4426912	21	4 12.3	19.5
349763 2009 AS_{27}	16.6	X	337.29999	149.64720	306.73474	12.05144	0.1130027	0.22747748	2.6577275	21	—	—
349764 2009 AY_{28}	16.8	X	47.46035	319.36991	119.73873	13.04365	0.1514039	0.24034869	2.5619750	21	—	—
349765 2009 AR_{37}	17.0	X	273.63792	6.66305	130.75709	3.78770	0.0531733	0.22208467	2.7005796	21	12 14.6	20.4
349766 2009 AH_{43}	16.8	X	49.72775	126.02416	309.12999	3.67579	0.1975397	0.23976960	2.5660984	21	—	—
349767 2009 BD_{1}	16.9	X	224.55056	38.22223	132.98063	6.15350	0.0056421	0.21946222	2.7220507	21	12 1.2	20.7
349768 2009 BL_{1}	16.7	X	70.01639	255.27425	279.22956	6.85647	0.1751760	0.26167482	2.4208140	21	6 7.5	19.3
349769 2009 BJ_{6}	16.7	X	127.45646	334.78415	120.21187	11.25370	0.1116075	0.26531952	2.3985931	21	4 30.8	20.2
349770 2009 BW_{7}	16.9	X	357.21010	270.40828	157.90199	11.73795	0.2890899	0.22933416	2.6433635	21	—	—
349771 2009 BF_{8}	16.6	X	62.28984	93.65208	286.49473	10.22834	0.3182941	0.23808289	2.5782039	21	—	—
349772 2009 BW_{8}	16.6	X	301.68368	12.81753	124.80680	11.36063	0.1439805	0.22729050	2.6591849	21	—	—
349773 2009 BP_{9}	16.2	X	309.37354	196.91167	309.59045	6.95722	0.1489447	0.22758404	2.6568978	21	—	—
349774 2009 BG_{10}	16.9	X	270.85590	233.07674	329.52281	12.85121	0.1411364	0.22927324	2.6438317	21	—	—
349775 2009 BW_{14}	16.2	X	342.89419	154.96302	307.92308	13.60190	0.2140508	0.23097861	2.6308022	21	—	—
349776 2009 BV_{15}	16.6	X	20.87823	261.35516	131.79906	6.12533	0.0633533	0.22544863	2.6736485	21	—	—
349777 2009 BS_{17}	16.9	X	13.39094	178.38832	76.58644	6.95625	0.0978392	0.28108511	2.3080444	21	6 15.9	18.8
349778 2009 BQ_{30}	16.8	X	3.39745	63.10272	328.55073	4.13077	0.1261440	0.22023203	2.7157037	21	12 12.6	19.9
349779 2009 BK_{34}	17.1	X	70.85698	18.79651	12.68943	2.40051	0.0964994	0.23361342	2.6109839	21	—	—
349780 2009 BZ_{35}	16.8	X	46.47821	198.67649	106.44830	7.28121	0.0489270	0.20598434	2.8395308	21	10 14.1	20.7
349781 2009 BX_{42}	17.5	X	32.92329	304.08131	104.45708	1.78911	0.2268672	0.23099797	2.6306553	21	—	—
349782 2009 BN_{45}	17.0	X	289.77804	277.20742	168.93959	4.57554	0.0401194	0.21094711	2.7948188	21	11 1.3	20.7
349783 2009 BR_{49}	16.9	X	325.26376	287.08268	121.78356	4.42989	0.0903489	0.21424295	2.7660818	21	11 2.0	20.1
349784 2009 BA_{54}	16.1	X	48.84242	281.05612	329.74044	8.71610	0.0443168	0.19340294	2.9613790	21	8 2.9	20.1
349785 Hsiaotejen	16.1	X	99.32069	49.78429	321.32909	14.49403	0.0076068	0.23327306	2.6135230	21	—	—
349786 2009 BP_{60}	16.1	X	332.13111	122.53388	318.92773	12.34554	0.1360024	0.22390627	2.6859126	21	12 30.5	19.2
349787 2009 BB_{62}	17.2	X	255.65715	180.27277	304.73248	3.02172	0.0528466	0.21267210	2.7796858	21	11 1.6	21.1
349788 2009 BZ_{62}	16.6	X	27.31758	17.37391	48.32585	12.44817	0.1719031	0.23456471	2.6039198	21	—	—
349789 2009 BA_{64}	16.4	X	317.47016	140.67805	75.25389	6.87257	0.1412523	0.24601229	2.5225019	21	1 16.3	19.7
349790 2009 BM_{68}	17.2	X	298.83054	82.52361	52.32031	2.82661	0.1516666	0.22622307	2.6675431	21	—	—
349791 2009 BO_{69}	16.3	X	315.41657	91.38112	312.20682	10.91864	0.1416692	0.21400449	2.7681362	21	9 27.2	19.6
349792 2009 BO_{70}	16.7	X	297.26109	2.44515	117.22623	11.54386	0.1523148	0.22278761	2.6948961	21	12 17.4	19.7
349793 2009 BX_{73}	16.8	X	69.69339	122.93226	279.00276	3.71633	0.1851802	0.23885562	2.5726403	21	—	—
349794 2009 BD_{74}	16.8	X	357.26511	114.08616	323.58424	12.10649	0.2424556	0.23028405	2.6360894	21	—	—
349795 2009 BV_{76}	16.3	X	21.07925	309.67995	113.67056	13.64643	0.2387422	0.22974612	2.6402026	21	—	—
349796 2009 BK_{80}	16.8	X	349.87784	80.43228	53.29516	5.25317	0.1738242	0.23598332	2.5934737	21	—	—
349797 2009 BK_{82}	17.1	X	321.43268	51.41256	68.00320	8.46470	0.2109553	0.22802030	2.6535078	21	—	—
349798 2009 BQ_{87}	16.4	X	261.35204	348.32216	119.25916	4.47058	0.0584742	0.21071905	2.7968350	21	10 20.1	20.2
349799 2009 BD_{88}	16.6	X	332.92339	102.76051	328.93511	4.43677	0.1044854	0.22013115	2.7165334	21	12 14.3	19.7
349800 2009 BN_{89}	16.4	X	319.04539	296.43067	135.01523	14.66461	0.0501984	0.21648612	2.7469411	21	11 26.3	20.2
349801 2009 BL_{94}	17.6	X	344.56031	272.57427	149.95947	3.34190	0.1921046	0.22201659	2.7011317	21	12 29.6	20.3
349802 2009 BJ_{95}	16.7	X	352.20365	98.17300	324.33093	4.74282	0.0451677	0.22417458	2.6837691	21	12 29.5	20.2
349803 2009 BL_{99}	16.3	X	294.95005	5.09302	129.89751	14.05766	0.0772280	0.22495055	2.6775937	21	—	—
349804 2009 BM_{99}	17.6	X	308.84722	288.16542	130.45085	5.39743	0.1547213	0.29419221	2.2389717	21	10 31.6	19.4
349805 2009 BR_{106}	16.6	X	306.30857	160.57206	344.46593	7.55972	0.1797452	0.22545923	2.6735647	21	—	—
349806 2009 BE_{110}	16.4	X	28.84575	195.50031	71.48709	2.83772	0.0546540	0.18821331	3.0155682	21	7 27.3	20.2
349807 2009 BQ_{110}	15.9	X	253.07100	240.69600	140.92522	11.24191	0.1995158	0.18856852	3.0117801	21	6 2.1	20.8
349808 2009 BS_{116}	17.2	X	22.56362	87.63952	19.11108	11.53116	0.2590601	0.23953522	2.5677720	21	—	—
349809 2009 BB_{122}	16.8	X	217.74793	108.31210	148.57605	8.39121	0.2059894	0.22644110	2.6658306	21	—	—
349810 2009 BR_{131}	16.4	X	226.30184	68.38565	101.76566	9.46383	0.1388427	0.21506566	2.7590231	21	11 15.4	20.5
349811 2009 BT_{131}	16.3	X	260.83265	348.32613	166.14307	13.93461	0.1350375	0.21962974	2.7206664	21	12 8.4	20.1
349812 2009 BA_{141}	16.5	X	70.13114	214.98792	84.85696	5.40032	0.0887752	0.21240137	2.7820473	21	11 10.8	20.4
349813 2009 BH_{145}	17.1	X	301.55731	90.96488	346.32472	3.68655	0.0789766	0.21319311	2.7751552	21	10 31.1	20.6
349814 2009 BL_{157}	17.0	X	353.67847	74.51429	338.96616	7.96280	0.2598716	0.22092023	2.7100609	21	—	—
349815 2009 BF_{158}	16.6	X	321.37672	267.09343	150.01001	9.79049	0.2223617	0.21305585	2.7763470	21	11 1.2	19.3
349816 2009 BR_{163}	17.1	X	334.29263	97.17049	340.18178	10.40330	0.2414947	0.22388281	2.6861003	21	—	—
349817 2009 BY_{165}	17.4	X	21.46515	149.62669	293.11232	1.55429	0.1298299	0.23222299	2.6213957	21	—	—
349818 2009 BC_{170}	16.9	X	45.29254	92.66495	276.67794	1.13367	0.0913915	0.21915162	2.7246220	21	—	—
349819 2009 BU_{174}	16.8	X	306.95759	241.54113	166.43668	2.28862	0.0635451	0.20403092	2.8576260	21	10 2.4	20.5
349820 2009 BA_{176}	16.2	X	314.82404	51.90495	99.17149	9.97264	0.1390694	0.22983047	2.6395566	21	—	—
349821 2009 BG_{180}	16.3	X	199.76399	284.63826	267.93143	3.58512	0.0946436	0.21266663	2.7797334	21	11 15.2	20.4
349822 2009 BU_{181}	16.4	X	26.75224	0.80511	60.61592	16.22122	0.2510698	0.23242707	2.6198609	21	—	—
349823 2009 BM_{184}	16.9	X	39.33149	93.35270	338.77537	2.56249	0.1840683	0.23731508	2.5837619	21	—	—
349824 2009 BJ_{186}	16.7	X	283.07764	31.02639	57.99578	5.41986	0.0889611	0.21419034	2.7665347	21	10 21.2	20.2
349825 2009 BO_{186}	16.0	X	67.35210	172.39377	82.81090	4.47883	0.1701206	0.19300744	2.9654232	21	9 22.4	20.2
349826 2009 CU_{6}	16.9	X	300.16021	287.35845	114.11909	3.24161	0.0700509	0.20360116	2.8616458	21	9 14.0	20.5
349827 2009 CM_{7}	17.0	X	7.58301	87.22100	0.13660	10.60373	0.1728181	0.22999350	2.6383091	21	—	—
349828 2009 CU_{11}	17.0	X	304.60980	275.70960	277.28856	3.30713	0.2136236	0.23304437	2.6152325	21	—	—
349829 2009 CY_{14}	16.8	X	77.42559	29.95778	4.92956	4.46094	0.1152228	0.23816882	2.5775837	21	—	—
349830 2009 CO_{15}	16.9	X	295.00766	258.18253	190.76939	4.41176	0.0327828	0.21339158	2.7734342	21	11 12.7	20.4
349831 2009 CW_{18}	16.6	X	305.37801	195.00636	318.88761	10.94796	0.1331164	0.22702351	2.6612693	21	—	—
349832 2009 CV_{19}	16.6	X	322.74157	118.35472	304.26554	10.61970	0.2276816	0.21921664	2.7240832	21	11 5.4	19.2
349833 2009 CJ_{22}	16.6	X	339.94510	249.51787	147.12884	7.50651	0.0527937	0.21273090	2.7791735	21	11 8.9	20.2
349834 2009 CB_{23}	16.5	X	349.46447	262.67716	153.01777	7.28279	0.1269827	0.22121298	2.7076695	21	12 22.8	19.6
349835 2009 CY_{25}	17.4	X	332.87100	40.75271	18.27764	3.35974	0.1851809	0.21739454	2.7392834	21	11 27.5	20.0
349836 2009 CF_{26}	17.6	X	334.80612	16.84878	71.17335	2.82064	0.2329424	0.22463630	2.6800903	21	—	—
349837 2009 CU_{33}	16.6	X	226.17317	102.90290	118.25225	4.77819	0.0497764	0.22398465	2.6852860	21	—	—
349838 2009 CX_{36}	16.5	X	85.40926	118.93020	145.11733	2.71175	0.0198370	0.20250776	2.8719372	21	10 4.2	20.3
349839 2009 CS_{37}	15.8	X	133.23357	110.88559	340.31291	9.69757	0.1041293	0.17629936	3.1499396	21	4 29.3	20.7
349840 2009 CF_{43}	16.7	X	200.17416	79.36976	111.66578	8.63324	0.1559547	0.21133439	2.7914034	21	11 12.0	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349841 2009 CX_{48}	17.1	X	20.10123	116.36752	315.39550	12.34761	0.1791880	0.23346253	2.6121088	21	—	—
349842 2009 CV_{49}	17.7	X	7.79580	89.07185	21.45829	4.56415	0.2545605	0.23439679	2.6051633	21	—	—
349843 2009 CE_{52}	16.9	X	14.31635	199.43124	139.69111	2.58623	0.0154474	0.20601490	2.8392499	21	10 8.3	20.7
349844 2009 CC_{55}	16.6	X	341.58651	339.27740	106.30140	8.28594	0.1265427	0.22398711	2.6852663	21	—	—
349845 2009 CY_{55}	16.6	X	37.98713	106.36136	303.41457	8.12667	0.1727761	0.22959519	2.6413596	21	—	—
349846 2009 CO_{59}	15.9	X	255.46371	50.40538	92.33012	14.34306	0.1354583	0.21178758	2.7874199	21	11 17.0	19.8
349847 2009 CS_{61}	15.8	X	43.60505	84.35779	115.76853	15.41911	0.0957899	0.17735753	3.1373981	21	5 28.9	20.0
349848 2009 CT_{62}	16.9	X	52.95655	250.82648	113.00579	5.44307	0.1036255	0.21720489	2.7408777	21	—	—
349849 2009 CF_{63}	16.3	X	265.93083	101.66159	73.90138	12.74738	0.0495633	0.22286454	2.6942759	21	—	—
349850 2009 CR_{65}	16.5	X	256.32773	349.70201	152.51124	6.85428	0.0669013	0.21583184	2.7524897	21	11 25.8	20.2
349851 2009 DA_{2}	15.8	X	280.11901	344.03325	331.51970	3.71692	0.1165051	0.17741786	3.1366869	21	4 17.5	20.3
349852 2009 DN_{7}	16.0	X	63.06285	7.97240	157.08676	11.26715	0.0634959	0.17345334	3.1843022	21	5 7.4	20.5
349853 2009 DX_{15}	16.9	X	340.56044	134.62944	349.61917	1.69444	0.1586056	0.23015356	2.6370857	21	—	—
349854 2009 DX_{18}	16.3	X	124.03906	7.80274	153.96587	6.25491	0.0781540	0.18632854	3.0358697	21	7 16.9	20.8
349855 2009 DU_{19}	16.2	X	268.40073	92.23052	93.73003	13.72657	0.1312386	0.22301699	2.6930479	21	—	—
349856 2009 DW_{19}	16.4	X	265.34278	97.32816	95.62848	15.03005	0.1036638	0.22340982	2.6898902	21	—	—
349857 2009 DE_{21}	16.4	X	96.43109	170.29286	95.89661	5.98684	0.0261453	0.20894314	2.8126605	21	10 24.1	20.3
349858 2009 DJ_{26}	16.1	X	273.93819	304.64057	171.11261	9.51740	0.1268498	0.21297370	2.7770608	21	11 7.3	19.7
349859 2009 DJ_{35}	15.7	X	11.06970	107.49451	180.55272	14.42834	0.0756426	0.18353537	3.0665934	21	7 26.6	19.8
349860 2009 DY_{35}	15.9	X	85.85596	59.55103	176.57387	11.66348	0.0331564	0.18901530	3.0070321	21	8 28.1	20.1
349861 2009 DW_{41}	17.0	X	317.51485	307.80000	161.90371	13.63208	0.2233453	0.22318804	2.6916718	21	—	—
349862 2009 DX_{43}	16.8	X	312.89948	17.95573	44.78949	9.65578	0.1030259	0.21262573	2.7800899	21	10 29.5	20.0
349863 2009 DS_{47}	15.8	X	261.60008	317.90613	155.58138	17.31929	0.2025336	0.21013763	2.8019916	21	10 8.2	19.8
349864 2009 DQ_{50}	15.8	X	67.46865	278.16504	355.52432	10.91057	0.0925525	0.19320606	2.9633905	21	9 30.7	20.0
349865 2009 DG_{53}	17.0	X	264.90044	191.51992	8.53294	5.41621	0.0475542	0.22749256	2.6576100	21	—	—
349866 2009 DU_{56}	15.7	X	19.18224	146.11771	147.43038	10.40949	0.0572329	0.19040785	2.9923529	21	8 16.9	19.5
349867 2009 DY_{57}	16.3	X	48.41569	164.04693	77.96412	2.34111	0.0927482	0.18475766	3.0530535	21	7 26.9	20.1
349868 2009 DX_{59}	16.7	X	162.81883	73.09497	96.26265	3.86627	0.0193647	0.19549903	2.9401737	21	9 9.6	20.9
349869 2009 DD_{62}	15.6	X	267.47248	156.62168	145.69303	7.94370	0.0331175	0.16751855	3.2590731	21	4 2.5	20.3
349870 2009 DB_{63}	16.3	X	218.47156	21.55677	32.09583	5.52926	0.0744067	0.18352166	3.0667462	21	6 14.7	21.0
349871 2009 DO_{65}	16.4	X	260.27756	113.96735	41.04928	14.26076	0.1505314	0.21791052	2.7349575	21	12 1.4	20.1
349872 2009 DZ_{68}	16.7	X	1.02586	32.98234	101.21788	8.76638	0.1944938	0.24368488	2.5385380	21	—	—
349873 2009 DC_{71}	17.1	X	307.45854	195.63323	331.74131	3.08612	0.0678312	0.23086985	2.6316284	21	—	—
349874 2009 DA_{74}	16.4	X	144.01863	338.18425	163.96556	5.33044	0.0647793	0.18838538	3.0137316	21	7 13.7	21.0
349875 2009 DR_{76}	16.7	X	217.78553	44.31974	129.31484	7.34542	0.0576630	0.21391465	2.7689112	21	11 19.1	20.7
349876 2009 DN_{78}	16.5	X	239.87791	4.48180	104.82193	5.72882	0.1217651	0.20459373	2.8523830	21	9 16.5	20.6
349877 2009 DC_{81}	16.0	X	309.38841	179.87341	168.48272	17.05758	0.0859317	0.18550097	3.0448922	21	7 12.6	20.3
349878 2009 DG_{81}	17.1	X	167.63304	84.29688	54.05899	2.87987	0.1276567	0.18934707	3.0035186	21	8 6.9	21.8
349879 2009 DK_{81}	16.9	X	180.74965	38.60091	72.83591	2.87652	0.0386169	0.18545583	3.0453863	21	7 17.2	21.2
349880 2009 DD_{84}	15.9	X	292.84866	220.49071	141.30906	5.96710	0.0555864	0.18736598	3.0246529	21	7 12.1	20.1
349881 2009 DS_{84}	16.8	X	241.51449	90.65115	62.78822	3.28545	0.1578630	0.21082377	2.7959087	21	11 6.4	20.7
349882 2009 DZ_{84}	16.1	X	357.91470	218.00914	41.67775	7.57557	0.0995716	0.17569915	3.1571092	21	5 30.1	20.0
349883 2009 DJ_{87}	16.5	X	282.98060	26.45888	89.89092	4.13454	0.0333553	0.21432729	2.7653561	21	12 1.1	20.2
349884 2009 DM_{109}	16.5	X	227.17907	296.01814	218.11417	7.73817	0.1473293	0.21133060	2.7914368	21	10 22.9	20.8
349885 2009 DT_{118}	16.7	X	88.88551	16.52721	173.95202	1.27153	0.0995260	0.18345131	3.0675302	21	7 14.8	21.1
349886 2009 DA_{125}	16.6	X	210.28882	295.95838	133.71377	2.25154	0.0741497	0.18417323	3.0595088	21	6 26.2	21.1
349887 2009 DP_{125}	15.9	X	159.70087	116.24683	9.30540	10.33208	0.0166283	0.18270560	3.0758711	21	7 10.8	20.4
349888 2009 DM_{126}	16.8	X	359.60433	73.74128	330.04847	4.51673	0.0728289	0.21214054	2.7843272	21	12 14.9	20.3
349889 2009 DL_{129}	16.5	X	273.97283	254.43815	170.77805	11.30387	0.0848035	0.19719524	2.9232891	21	9 3.6	20.3
349890 2009 DZ_{130}	16.9	X	15.74201	28.73449	69.50046	15.57917	0.2101754	0.23347677	2.6120026	21	—	—
349891 2009 DE_{133}	16.7	X	137.57059	284.03806	214.86672	4.95201	0.0838613	0.18567178	3.0430245	21	7 3.8	21.4
349892 2009 DM_{134}	16.3	X	40.17712	51.94620	147.20618	1.68757	0.1267645	0.17129044	3.2110517	21	5 22.4	20.2
349893 2009 DP_{136}	16.2	X	173.27140	235.70644	178.37272	10.96487	0.0716275	0.17289753	3.1911229	21	4 30.6	21.1
349894 2009 EN_{12}	15.9	X	131.84393	81.43478	57.50220	9.77647	0.0908078	0.18354314	3.0665069	21	6 28.6	20.5
349895 2009 ED_{30}	15.7	X	189.30076	57.38192	54.16077	9.17090	0.0574351	0.18851025	3.0124007	21	7 29.1	20.3
349896 2009 FB_{23}	15.9	X	2.28431	155.76418	112.73890	6.17745	0.0900206	0.17812741	3.1283515	21	6 19.4	19.8
349897 2009 FM_{24}	15.6	X	146.87128	9.69067	152.74432	9.61695	0.0302908	0.18888477	3.0084174	21	8 9.6	19.9
349898 2009 FA_{28}	15.9	X	91.82168	107.73405	72.88578	10.12999	0.1859680	0.18107227	3.0943404	21	7 19.0	20.5
349899 2009 FE_{32}	15.3	X	200.85268	158.29112	292.04945	14.98418	0.0682542	0.17571041	3.1569743	21	7 12.3	20.1
349900 2009 FM_{34}	16.2	X	55.24756	272.35408	52.50536	6.51402	0.0779048	0.20311969	2.8661661	21	11 19.2	20.1
349901 2009 FX_{35}	16.1	X	215.84138	63.71650	22.17404	11.76743	0.0762783	0.18836401	3.0139596	21	7 26.7	20.8
349902 2009 FU_{38}	16.3	X	192.52982	92.69126	46.00641	2.69544	0.0652503	0.19480821	2.9471204	21	9 3.8	20.6
349903 2009 FS_{43}	16.3	X	266.71806	208.24404	299.13572	14.37937	0.2319341	0.21525583	2.7573979	21	11 16.6	20.1
349904 2009 FZ_{43}	16.3	X	216.22046	188.36053	25.63632	13.76039	0.1025556	0.21486550	2.7607363	21	12 29.6	20.5
349905 2009 FP_{47}	15.4	X	186.47590	96.23478	44.77832	11.36610	0.0762389	0.19251429	2.9704852	21	9 4.1	20.1
349906 2009 FD_{48}	16.5	X	122.98890	213.50042	67.04739	5.34074	0.0324846	0.20979153	2.8050724	21	12 10.2	20.5
349907 2009 FV_{68}	15.9	X	120.85173	95.63069	61.02665	16.64993	0.1765473	0.17731975	3.1378437	21	7 19.1	21.1
349908 2009 FN_{74}	15.5	X	17.28864	124.02319	96.62966	10.38452	0.0545549	0.17255165	3.1953858	21	5 13.1	19.8
349909 2009 HD_{8}	15.6	X	99.92771	119.83435	57.44240	16.91248	0.0617592	0.17674191	3.1446792	21	7 6.6	20.3
349910 2009 HQ_{9}	15.3	X	223.89560	354.90289	64.78386	29.19059	0.0997249	0.17743231	3.1365165	21	6 22.9	20.3
349911 2009 HT_{79}	16.1	X	142.71565	73.79196	60.11144	2.89208	0.0462377	0.17701792	3.1414096	21	7 1.0	20.7
349912 2009 HN_{90}	16.4	X	169.52170	96.09472	59.21764	2.43395	0.0983748	0.18938789	3.0030870	21	8 29.8	21.0
349913 2009 KX_{8}	15.8	X	47.89761	52.23745	152.35024	6.10267	0.1011106	0.16836784	3.2481042	21	6 8.2	20.0
349914 2009 KX_{13}	16.4	X	181.23712	168.09153	57.07879	3.88599	0.0181094	0.21066288	2.7973322	21	12 10.7	20.4
349915 2009 QA_{30}	17.2	X	193.33277	352.91703	345.55062	21.76722	0.1779313	0.37749201	1.8961129	21	2 1.1	20.0
349916 2009 QE_{59}	13.1	X	264.03231	88.49319	12.04962	12.43071	0.0413465	0.08366505	5.1773397	21	10 1.0	20.0
349917 2009 RB_{14}	15.6	X	131.83916	282.88018	11.76285	14.30755	0.0297611	0.18047518	3.1011616	21	—	—
349918 2009 SU_{154}	13.9	X	330.12224	14.71245	20.87651	3.58962	0.0797627	0.08417996	5.1562059	21	10 3.1	20.2
349919 2009 SZ_{166}	13.8	X	258.65873	195.92324	279.55818	6.03984	0.0544099	0.08495655	5.1247356	21	10 6.8	20.7
349920 2009 SC_{211}	13.3	X	207.54543	152.55394	20.92837	8.02929	0.0557232	0.08275496	5.2152285	21	10 19.4	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
349921 2009 SB_{280}	16.2	X	351.40928	18.19568	68.31994	4.30300	0.1675983	0.17831717	3.1261317	21	—	—
349922 2009 TW_{42}	17.9	X	9.05787	229.86461	233.67324	18.90309	0.1056995	0.35326047	1.9818587	21	—	—
349923 2009 UF_{8}	13.5	X	301.21114	0.75168	66.68885	5.52839	0.0196803	0.08232382	5.2334216	21	10 10.2	20.4
349924 2009 UW_{91}	16.8	X	52.60836	227.27284	256.94421	19.99105	0.0675418	0.37045161	1.9200612	21	1 5.6	18.5
349925 2009 WC_{26}	17.3	X	180.35576	350.91133	203.04479	12.00943	0.6972535	0.30810281	2.1710623	21	10 15.4	22.3
349926 2009 WV_{41}	18.1	X	181.29201	64.31284	59.24948	6.20895	0.0188365	0.30854836	2.1689717	21	8 10.1	20.7
349927 2009 WB_{50}	18.0	X	136.48956	49.50617	67.56086	4.49789	0.1960177	0.28690437	2.2767286	21	6 12.8	21.4
349928 2009 WD_{106}	18.5	X	137.96653	16.70558	294.55793	10.98376	0.7765800	0.36649700	1.9338485	21	1 5.6	21.8
349929 2009 WT_{202}	17.4	X	175.37305	269.29085	56.80234	22.47328	0.0816900	0.36060704	1.9548491	21	—	—
349930 2009 XH_{17}	18.0	X	282.63327	72.55478	297.00077	2.02107	0.2669213	0.30778021	2.1725790	21	6 3.2	20.8
349931 2009 XE_{18}	17.5	X	270.20044	283.08235	92.64450	6.83924	0.1579814	0.30297780	2.1954768	21	6 13.2	20.3
349932 2009 XO_{18}	16.1	X	240.20672	276.23167	116.11023	5.44327	0.0815337	0.21139773	2.7908457	21	6 11.8	20.2
349933 2009 YF_{7}	10.9	X	24.33492	89.62136	97.48224	30.98951	0.4615580	0.02344640	12.0897845	21	6 6.1	19.8
349934 2010 AX_{5}	16.3	X	236.62869	203.64285	125.70579	23.06788	0.1950054	0.27758881	2.3273842	21	3 11.0	20.4
349935 2010 AD_{9}	17.8	X	247.07575	241.54337	142.02127	5.53752	0.1648295	0.29755847	2.2220534	21	5 27.8	20.9
349936 2010 AC_{12}	17.5	X	135.94683	193.97333	304.76262	6.15526	0.0488750	0.29200740	2.2501259	21	6 28.8	20.2
349937 2010 AN_{15}	17.3	X	310.73618	206.73008	68.98811	7.50498	0.0882426	0.28559588	2.2836774	21	4 2.5	20.0
349938 2010 AP_{29}	17.3	X	261.35481	355.16979	62.62576	4.12266	0.0904867	0.30791864	2.1719278	21	8 16.0	19.7
349939 2010 AH_{50}	17.8	X	28.66348	310.91101	235.71343	3.58606	0.1692407	0.27504016	2.3417398	21	3 28.6	19.5
349940 2010 AK_{53}	16.8	X	69.17891	273.54008	298.81090	20.94454	0.1467394	0.28976446	2.2617224	21	7 26.9	19.2
349941 2010 CY_{2}	17.7	X	25.16799	80.17650	115.60320	2.33656	0.1317529	0.27458704	2.3443153	21	4 7.9	19.6
349942 2010 CR_{22}	17.6	X	213.30890	139.04600	338.38394	7.31657	0.1195976	0.30351291	2.1928955	21	9 1.2	20.6
349943 2010 CO_{29}	16.7	X	319.68520	266.23288	157.68255	6.32165	0.0199090	0.22679156	2.6630835	21	11 17.9	20.2
349944 2010 CH_{32}	17.6	X	65.07809	20.63368	160.76263	10.45914	0.1633925	0.27773925	2.3265437	21	6 8.6	20.3
349945 2010 CD_{52}	16.1	X	344.31614	80.43379	209.88038	13.58190	0.0543023	0.18616812	3.0376134	21	6 20.6	20.3
349946 2010 CE_{62}	17.9	X	197.61268	53.15726	110.75984	3.45067	0.1883980	0.30865304	2.1684813	21	10 13.5	21.0
349947 2010 CP_{63}	17.7	X	359.76467	164.88751	39.36635	1.79034	0.1253926	0.26831148	2.3807286	21	3 2.9	20.0
349948 2010 CC_{69}	17.8	X	124.86865	218.83785	341.13218	5.41938	0.1485705	0.29676031	2.2260359	21	9 17.2	21.0
349949 2010 CN_{69}	17.3	X	275.42232	130.93587	129.79075	6.97306	0.0994442	0.26953171	2.3735377	21	1 24.2	20.7
349950 2010 CL_{85}	17.3	X	299.94539	82.49776	154.90449	5.16090	0.1429040	0.26127818	2.4232634	21	1 18.1	20.6
349951 2010 CR_{107}	18.0	X	94.50669	356.56055	155.02622	6.38261	0.1267563	0.27989399	2.3145878	21	6 3.2	20.9
349952 2010 CY_{107}	17.7	X	215.40480	297.62678	150.27354	4.62088	0.1131216	0.29530267	2.2333552	21	7 23.7	20.8
349953 2010 CK_{119}	17.7	X	3.16121	57.08770	136.12629	3.39321	0.1221500	0.26802148	2.3824456	21	2 20.8	20.0
349954 2010 CR_{123}	17.4	X	245.78144	272.74794	32.75867	1.44606	0.1897967	0.26304212	2.4124178	21	2 15.0	21.1
349955 2010 CO_{127}	17.2	X	95.64833	233.84661	334.13013	7.57905	0.1554613	0.28947831	2.2632126	21	8 27.9	20.1
349956 2010 CS_{146}	17.4	X	26.87646	356.42164	187.69912	4.80624	0.1622708	0.26991351	2.3712989	21	3 22.9	19.2
349957 2010 CM_{166}	16.7	X	169.39457	34.34087	301.68862	1.81195	0.2185486	0.25196609	2.4826070	21	1 20.6	20.6
349958 2010 CK_{182}	18.1	X	105.80706	325.28642	167.96067	6.07152	0.0302366	0.28052052	2.3111402	21	5 8.4	20.9
349959 2010 CC_{222}	17.3	X	80.92471	20.78657	73.36504	7.62128	0.0808471	0.25421384	2.4679513	21	2 19.1	20.3
349960 2010 DK_{20}	16.1	X	111.68726	211.10980	113.27269	8.82446	0.0941835	0.24041037	2.5615367	21	—	—
349961 2010 DO_{30}	17.2	X	149.65313	6.06310	213.09375	9.10380	0.1368620	0.21009190	2.8023982	21	10 27.9	21.6
349962 2010 DP_{31}	15.9	X	308.90373	214.04641	83.83922	11.69280	0.1979928	0.17545695	3.1600139	21	4 26.5	20.2
349963 2010 DV_{31}	15.5	X	238.56857	133.14266	77.16884	30.58372	0.2201402	0.23190748	2.6237727	21	—	—
349964 2010 DO_{46}	18.2	X	25.70022	322.00290	206.41689	1.85323	0.1158406	0.26662615	2.3907503	21	2 25.3	20.3
349965 2010 DP_{65}	15.7	X	343.18825	268.62084	245.71609	25.24120	0.1361194	0.24357819	2.5392792	21	—	—
349966 2010 ER_{7}	15.6	X	287.64886	104.12663	207.77106	16.35219	0.1651000	0.17116658	3.2126006	21	4 17.3	20.0
349967 2010 ET_{7}	16.6	X	267.40711	332.98604	229.23389	12.72029	0.1952641	0.23465827	2.6032276	21	—	—
349968 2010 ES_{21}	17.4	X	23.49206	1.85956	175.28075	3.87418	0.1913067	0.26654206	2.3912531	21	3 3.3	19.2
349969 2010 EG_{29}	16.4	X	216.41145	210.55426	1.12302	14.60300	0.0676226	0.23312209	2.6146512	21	—	—
349970 2010 EA_{35}	17.4	X	12.43103	78.58508	127.13583	5.06001	0.1361675	0.27109039	2.3644309	21	3 29.9	19.5
349971 2010 EE_{40}	16.6	X	300.50364	271.93675	175.95810	14.50519	0.0805163	0.22931088	2.6435424	21	11 19.8	20.0
349972 2010 EW_{66}	16.1	X	67.06632	357.11881	4.40111	11.80505	0.2763518	0.23790550	2.5794853	21	—	—
349973 2010 EE_{67}	16.8	X	193.46363	210.44590	47.05364	4.90000	0.1442071	0.23763465	2.5814450	21	—	—
349974 2010 ES_{77}	17.0	X	46.05180	242.19534	323.87731	6.17924	0.0741574	0.27936519	2.3175077	21	5 26.8	19.5
349975 2010 EX_{85}	17.4	X	293.46087	129.92674	152.39398	10.26886	0.1194681	0.27593306	2.3366853	21	3 12.9	20.4
349976 2010 EC_{86}	16.0	X	93.68888	180.80111	207.79352	7.89108	0.0963749	0.24483888	2.5305551	21	—	—
349977 2010 EG_{90}	16.3	X	131.67643	328.32473	339.23328	13.11739	0.1580934	0.23954393	2.5677098	21	—	—
349978 2010 EP_{103}	16.7	X	79.41290	4.50157	347.35938	2.86240	0.1425851	0.23462483	2.6034749	21	—	—
349979 2010 EO_{108}	17.6	X	131.65146	319.70432	176.70597	1.33540	0.1496586	0.28187521	2.3037294	21	6 30.0	20.8
349980 2010 EH_{110}	18.0	X	158.89488	149.84127	352.10704	1.91474	0.0991190	0.29168381	2.2517897	21	8 4.8	20.9
349981 2010 EQ_{113}	15.9	X	127.92377	230.73496	103.29255	9.02466	0.1615121	0.24412533	2.5354837	21	—	—
349982 2010 ED_{121}	17.3	X	38.59408	16.52995	158.75315	8.06425	0.0586143	0.26967996	2.3726678	21	4 1.3	19.9
349983 2010 EL_{123}	16.8	X	272.03875	194.25561	82.58973	4.90355	0.0936835	0.25636227	2.4541436	21	2 14.9	20.3
349984 2010 EG_{124}	17.7	X	56.32878	67.69617	74.57392	3.24074	0.1355979	0.27029689	2.3690561	21	3 20.2	19.8
349985 2010 ER_{127}	17.2	X	96.87049	133.95135	36.62232	6.69666	0.1071650	0.28360804	2.2943360	21	6 30.1	20.1
349986 2010 ES_{131}	16.8	X	178.02327	210.84345	9.44029	3.39607	0.1401399	0.22288967	2.6940733	21	11 25.0	21.0
349987 2010 EK_{134}	17.3	X	45.25062	229.54249	197.13854	7.59159	0.1729501	0.24678391	2.5172412	21	—	—
349988 2010 EW_{140}	17.2	X	344.19387	266.10720	168.91920	3.77288	0.0112500	0.23135779	2.6279270	21	—	—
349989 2010 EO_{171}	16.5	X	217.20032	235.93154	91.05796	7.64165	0.1235769	0.26099115	2.4250397	21	2 19.3	20.2
349990 2010 EY_{171}	16.4	X	93.27560	205.21161	102.72623	10.19506	0.0879682	0.22611336	2.6684060	21	12 18.3	20.3
349991 2010 FM_{20}	16.7	X	32.71792	233.01590	134.51455	4.20827	0.1219703	0.22850400	2.6497619	21	12 25.6	20.1
349992 2010 FD_{29}	16.2	X	93.96877	218.81911	35.03154	9.79014	0.0832520	0.21299524	2.7768736	21	10 12.0	20.2
349993 2010 FE_{85}	16.9	X	232.26957	78.93287	131.23402	5.75080	0.1702102	0.23352916	2.6116119	21	—	—
349994 2010 FS_{88}	17.9	X	20.78902	336.87674	192.73016	2.03342	0.1458988	0.26303611	2.4124545	21	2 16.9	19.9
349995 2010 FE_{92}	16.3	X	165.30293	142.39366	103.52866	14.93362	0.2187365	0.22325345	2.6911460	21	12 13.2	20.9
349996 2010 FU_{92}	15.5	X	332.83856	159.48154	85.51193	12.60564	0.1913996	0.17608248	3.1525256	21	3 28.8	19.6
349997 2010 FY_{98}	16.6	X	59.47495	226.23899	72.82902	6.60242	0.0676217	0.20960349	2.8067499	21	10 25.2	20.4
349998 2010 GP_{27}	17.3	X	57.81947	102.67707	79.63129	6.00144	0.1491041	0.27081261	2.3660475	21	5 24.7	19.7
349999 2010 GC_{28}	16.5	X	236.07359	135.04824	85.29998	8.57327	0.1630813	0.23343371	2.6123237	21	—	—
350000 2010 GM_{28}	16.6	X	354.23305	76.05201	118.51635	6.84620	0.0923075	0.25603052	2.4562631	21	2 15.0	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350001 2010 GX_{98}	17.6	X	160.27774	145.91089	128.11676	2.82774	0.0432486	0.23139495	2.6276456	21	—	—
350002 2010 GA_{101}	16.9	X	98.95952	180.64336	166.66850	2.58917	0.0917285	0.23900278	2.5715842	21	—	—
350003 2010 GH_{104}	16.6	X	356.14091	230.26985	110.81247	3.17317	0.0823296	0.20531914	2.8456606	21	9 19.2	20.0
350004 2010 GJ_{127}	16.0	X	1.70429	243.30339	133.40459	6.87847	0.0388933	0.21345721	2.7728656	21	11 13.1	19.7
350005 2010 GU_{135}	17.6	X	82.15843	63.64380	66.52573	5.66496	0.1767255	0.26848483	2.3797037	21	4 24.2	20.2
350006 2010 GR_{147}	13.6	X	8.25043	192.79109	62.81620	26.80901	0.0694656	0.08333208	5.1911220	21	6 11.1	20.2
350007 2010 GG_{156}	16.2	X	26.60306	4.45096	53.48555	14.82241	0.0608145	0.23331608	2.6132017	21	—	—
350008 2010 GW_{157}	16.3	X	195.98326	15.94205	225.25314	9.96720	0.0717271	0.22988805	2.6391158	21	—	—
350009 2010 HX_{23}	12.7	X	42.89272	339.05755	252.58981	18.15093	0.0874020	0.08449639	5.1433246	21	7 1.7	19.3
350010 2010 HP_{68}	15.3	X	47.01095	311.19939	290.58703	18.28528	0.2731050	0.18257793	3.0773049	21	8 14.2	19.3
350011 2010 HJ_{74}	14.9	X	321.39333	24.59873	294.83833	27.35689	0.1804386	0.17273369	3.1931404	21	6 14.2	19.2
350012 2010 HX_{77}	16.3	X	26.69453	164.33055	221.96419	13.73909	0.0681150	0.22404598	2.6847959	21	12 30.7	20.1
350013 2010 HQ_{107}	16.3	X	145.37681	163.11952	76.98279	8.73274	0.1872989	0.21508614	2.7588480	21	11 20.0	21.0
350014 2010 JX_{14}	16.0	X	231.09337	128.60297	85.12691	14.07264	0.1991857	0.23204747	2.6227173	21	—	—
350015 2010 JG_{31}	16.5	X	203.55744	33.40334	222.52082	4.51227	0.1352395	0.23248207	2.6194477	21	—	—
350016 2010 JA_{38}	17.1	X	307.30178	15.92334	163.24250	3.31796	0.1389752	0.24145807	2.5541216	21	—	—
350017 2010 JD_{40}	16.3	X	272.95650	304.57883	230.89031	12.00838	0.1215586	0.23309288	2.6148696	21	—	—
350018 2010 JL_{40}	16.9	X	240.24937	63.86961	135.90484	3.14221	0.1301493	0.22963948	2.6410200	21	—	—
350019 2010 JZ_{40}	15.8	X	260.03380	245.78381	107.10387	19.03047	0.1798312	0.17709738	3.1404698	21	5 12.4	20.9
350020 2010 JO_{74}	16.9	X	157.61082	22.11867	60.84230	6.30064	0.0823722	0.26865304	2.3787102	21	5 12.6	20.2
350021 2010 JW_{75}	16.4	X	16.97869	238.89683	203.03870	14.06068	0.1570380	0.23625152	2.5915105	21	—	—
350022 2010 JN_{77}	15.6	X	261.71693	217.31979	90.33387	6.28399	0.1053810	0.16870600	3.2437624	21	3 25.4	20.5
350023 2010 JW_{82}	16.1	X	295.23924	43.50651	129.51996	12.10663	0.0917334	0.23807573	2.5782556	21	—	—
350024 2010 JO_{112}	16.2	X	7.79118	142.74684	190.66603	17.27312	0.1171083	0.20030342	2.8929691	21	9 27.2	19.6
350025 2010 JX_{115}	16.6	X	112.89793	14.89062	235.40756	7.38682	0.1674035	0.21053548	2.7984605	21	11 1.3	21.2
350026 2010 JG_{116}	17.2	X	292.50358	307.87457	260.25165	7.93963	0.1674586	0.24501884	2.5293158	21	—	—
350027 2010 JH_{121}	15.8	X	288.75231	271.06835	126.84062	11.16977	0.1555064	0.19617582	2.9334075	21	8 9.4	19.6
350028 2010 JP_{146}	15.4	X	275.84503	49.71394	268.90217	9.02266	0.0867447	0.19164816	2.9794284	21	4 17.1	19.8
350029 2010 JR_{147}	16.4	X	267.56934	327.60854	216.48809	13.01812	0.0623147	0.23220661	2.6215189	21	—	—
350030 2010 JN_{150}	16.3	X	209.84963	77.38931	79.35640	12.03601	0.1332505	0.21402459	2.7679629	21	10 16.1	20.7
350031 2010 JU_{150}	15.8	X	262.13945	239.31174	86.38692	10.52064	0.0672207	0.17403164	3.1772441	21	4 21.9	20.5
350032 2010 JH_{151}	16.1	X	178.56450	321.07460	241.76268	10.67226	0.1316977	0.21455017	2.7634407	21	11 3.7	20.4
350033 2010 JP_{153}	16.6	X	219.90811	98.35384	68.18018	13.88353	0.1014199	0.21714915	2.7413467	21	11 8.6	20.6
350034 2010 JQ_{163}	16.7	X	112.08387	46.21044	219.25458	13.09415	0.0561087	0.21384402	2.7695209	21	11 12.2	20.6
350035 2010 JW_{169}	16.7	X	279.33216	122.60958	67.97305	17.18376	0.1429297	0.23875193	2.5733851	21	—	—
350036 2010 JV_{173}	17.2	X	92.83901	116.68281	139.98425	1.82713	0.0532603	0.20646270	2.8351431	21	10 8.7	21.2
350037 2010 JR_{177}	15.9	X	330.18264	163.43313	347.79875	9.16777	0.0850821	0.24404066	2.5360701	21	—	—
350038 2010 KW_{14}	15.9	X	195.66122	321.73279	265.78358	8.38788	0.1602581	0.21089998	2.7952352	21	12 17.7	20.3
350039 2010 KQ_{40}	15.8	X	13.83791	156.99950	153.61575	11.54777	0.0643918	0.19293828	2.9661318	21	9 2.1	19.6
350040 2010 KK_{62}	17.3	X	329.55533	201.41112	26.76843	1.83766	0.1368580	0.25600160	2.4564481	21	2 16.4	20.0
350041 2010 KN_{117}	16.1	X	153.35612	208.72620	92.06775	15.31508	0.0606153	0.22763802	2.6564778	21	—	—
350042 2010 KP_{121}	16.6	X	256.15478	104.34175	72.30322	9.92412	0.1206402	0.23819844	2.5773700	21	—	—
350043 2010 KK_{129}	17.3	X	66.32225	102.75876	109.89723	7.41147	0.0542016	0.28358205	2.2944762	21	7 7.8	19.7
350044 2010 LV_{44}	15.5	X	102.78713	294.86410	296.24528	16.34899	0.1250577	0.18301911	3.0723575	21	9 14.5	20.4
350045 2010 LT_{106}	16.3	X	205.48376	4.80187	239.48491	12.74871	0.1170978	0.23110811	2.6298194	21	—	—
350046 2010 NV_{117}	15.2	X	355.50192	330.67038	307.24135	31.15016	0.1183535	0.17230774	3.1984006	21	6 27.1	19.5
350047 2010 OA_{7}	15.5	X	40.81891	194.46068	237.49667	28.68022	0.1035979	0.24126640	2.5554741	21	—	—
350048 2010 OG_{30}	16.3	X	212.20896	3.91493	323.70646	6.65219	0.3428641	0.22968641	2.6406602	21	2 16.4	21.2
350049 2010 OE_{91}	15.9	X	305.80003	235.65208	93.55758	8.06331	0.1513896	0.18551065	3.0447863	21	6 4.2	19.9
350050 2010 PP_{5}	16.9	X	336.19227	293.98892	143.14038	5.90711	0.0302271	0.22279897	2.6948045	21	12 24.7	20.4
350051 2010 PH_{25}	13.4	X	266.90042	19.26874	89.20560	8.69869	0.0862628	0.08437248	5.1483590	21	10 10.8	20.3
350052 2010 PQ_{38}	13.1	X	277.93470	44.88777	37.94405	8.99329	0.0685974	0.08205607	5.2447997	21	9 25.7	20.0
350053 2010 PE_{49}	13.9	X	279.08658	65.50386	29.31455	7.70849	0.0803716	0.08391984	5.1668550	21	10 7.2	20.6
350054 2010 RN_{37}	15.1	X	151.39460	325.75918	4.25643	2.64256	0.2267853	0.12498659	3.9618110	21	1 17.6	21.4
350055 2010 RE_{38}	13.0	X	99.01968	11.44024	279.25251	17.58294	0.0178307	0.08461112	5.1386741	21	10 31.2	20.1
350056 2010 RU_{39}	15.2	X	13.27212	41.36521	286.10851	10.45635	0.0829268	0.18071953	3.0983655	21	9 17.2	19.4
350057 2010 RZ_{179}	18.1	X	54.58211	212.97899	181.37636	22.20628	0.0972409	0.38528530	1.8704571	21	—	—
350058 2010 SZ_{6}	16.4	X	78.14896	278.22634	344.14341	0.55157	0.2119177	0.18613649	3.0379576	21	10 15.6	20.9
350059 2010 TA_{143}	13.8	X	288.84484	88.91505	358.13703	9.67480	0.0360348	0.08622520	5.0743442	21	10 12.3	20.6
350060 2010 VV_{114}	13.3	X	330.21717	159.46167	266.89870	12.56390	0.0411413	0.08460250	5.1390232	21	11 6.0	20.0
350061 2010 VX_{141}	13.4	X	290.89077	332.10132	106.03725	6.93065	0.0319836	0.08208355	5.2436291	21	10 9.9	20.3
350062 2011 AN_{10}	15.8	X	24.95535	131.35137	290.52468	8.09586	0.0418856	0.18215547	3.0820610	21	—	—
350063 2011 EA_{74}	17.3	X	300.91291	145.50693	44.62591	22.99707	0.0699702	0.37032462	1.9205000	21	—	—
350064 2011 FS_{106}	17.6	X	269.06720	358.40526	303.93276	5.25370	0.1027717	0.29174532	2.2514732	21	3 6.4	20.8
350065 2011 GT_{9}	17.6	X	359.10775	152.20517	165.86862	4.69029	0.1702616	0.31476538	2.1403169	21	9 8.9	18.7
350066 2011 GF_{12}	18.1	X	339.64439	289.90746	358.01885	4.17772	0.1911117	0.30158786	2.2022172	21	5 17.7	19.6
350067 2011 GP_{85}	18.1	X	175.49530	25.92912	48.01084	21.29075	0.0909393	0.39515184	1.8391905	21	5 12.4	20.0
350068 2011 HQ_{2}	16.3	X	189.04976	227.28618	128.53189	24.50322	0.1743979	0.27125438	2.3634779	21	3 1.0	20.2
350069 2011 HJ_{23}	18.0	X	17.24352	79.69389	40.64857	21.43709	0.0941230	0.36816931	1.9279880	21	—	—
350070 2011 HP_{39}	17.5	X	327.93520	152.36132	144.74789	6.33943	0.2312908	0.29724061	2.2236373	21	5 5.2	19.6
350071 2011 HQ_{75}	17.7	X	293.02346	243.42618	66.93583	5.83261	0.1626475	0.29188903	2.2507341	21	4 12.6	20.5
350072 2011 HX_{75}	17.0	X	250.49079	225.91514	90.90175	10.03236	0.2149983	0.27832412	2.3232832	21	3 5.9	20.9
350073 2011 HX_{76}	17.5	X	130.68974	105.51410	187.93605	4.46688	0.2384049	0.24234689	2.5478729	21	—	—
350074 2011 HM_{80}	16.6	X	115.37445	208.37461	127.14948	10.97656	0.2636684	0.24383678	2.5374836	21	—	—
350075 2011 HW_{95}	17.3	X	151.30531	286.16568	45.65859	3.04551	0.1816634	0.26367312	2.4085675	21	—	—
350076 2011 JO_{3}	17.9	X	340.51182	78.08446	61.81605	23.76674	0.0733348	0.35990147	1.9574032	21	—	—
350077 2011 JQ_{3}	17.3	X	212.81432	202.52183	82.28114	23.31795	0.0569824	0.36070559	1.9544931	21	—	—
350078 2011 JX_{9}	13.2	X	319.33647	70.67661	227.45260	20.22137	0.0782307	0.08241156	5.2297061	21	5 29.2	19.9
350079 2011 JL_{15}	17.3	X	70.72612	44.63978	82.44817	21.23862	0.0644131	0.37903580	1.8909609	21	3 1.2	19.4
350080 2011 JU_{28}	17.7	X	238.46629	224.72465	86.10187	2.43315	0.1937022	0.27253744	2.3560541	21	2 14.2	21.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350081 2011 JR_{29}	17.6	X	354.83791	259.35898	226.06340	20.34560	0.0862138	0.36110160	1.9530639	21	—	—
350082 2011 KU_{1}	15.6	X	195.08811	233.32118	124.50206	17.77300	0.2267790	0.17505122	3.1648949	21	3 20.9	21.3
350083 2011 KH_{2}	17.0	X	177.06813	221.90154	84.28794	7.26396	0.1304747	0.25725504	2.4484625	21	—	—
350084 2011 KS_{3}	17.7	X	263.09842	245.59345	66.33231	23.02480	0.2016816	0.28105724	2.3081969	21	3 21.5	21.8
350085 2011 KF_{15}	17.1	X	111.63064	120.54843	197.92709	4.76630	0.1857847	0.24078787	2.5588588	21	—	—
350086 2011 KL_{21}	17.6	X	271.76485	210.83444	98.52595	3.44416	0.1384081	0.28313203	2.2969068	21	3 20.3	20.7
350087 2011 KW_{23}	17.6	X	353.52295	109.71158	174.13815	6.17498	0.1868633	0.29805793	2.2195704	21	6 18.4	19.0
350088 2011 KJ_{24}	16.6	X	116.20188	212.32453	82.68061	15.12131	0.2546880	0.23435770	2.6054529	21	—	—
350089 2011 KZ_{26}	16.5	X	196.65386	262.64475	105.06053	23.01290	0.1511561	0.27603397	2.3361157	21	3 29.7	20.7
350090 2011 KN_{34}	16.0	X	109.70387	156.67062	183.43395	5.57443	0.2662298	0.24197840	2.5504588	21	—	—
350091 2011 LC_{14}	17.4	X	290.01877	129.46554	150.07558	4.87213	0.2347587	0.27874325	2.3209537	21	2 17.1	20.7
350092 2011 MC_{1}	16.5	X	48.58405	226.26762	116.97338	6.86970	0.0523752	0.22226634	2.6991079	21	12 4.9	20.1
350093 2011 MK_{1}	16.5	X	108.60548	57.64953	254.70558	8.66520	0.1281282	0.22891819	2.6465647	21	—	—
350094 2011 MG_{9}	17.2	X	103.51609	50.16621	250.54022	3.41943	0.1377360	0.22764273	2.6564411	21	12 23.6	21.2
350095 2011 NG_{1}	17.3	X	317.01968	205.09744	135.90990	7.89902	0.0884839	0.29444810	2.2376743	21	7 16.8	19.4
350096 2011 NT_{1}	15.4	X	55.27226	95.52113	173.88560	12.08260	0.0197513	0.18688868	3.0298007	21	8 29.5	19.6
350097 2011 OQ_{1}	15.6	X	207.29878	253.86616	166.16615	20.65829	0.1242668	0.17868615	3.1218267	21	6 10.9	20.9
350098 2011 OY_{15}	17.1	X	72.71744	316.55459	299.68051	6.18747	0.0923868	0.30300127	2.1953634	21	9 24.5	19.8
350099 2011 OG_{16}	16.7	X	86.19524	32.85969	336.79740	7.40075	0.0385356	0.23894677	2.5719861	21	—	—
350100 2011 OA_{22}	15.9	X	237.89101	60.45843	306.58064	25.02514	0.2135865	0.17395260	3.1782064	21	4 16.7	21.7
350101 2011 OB_{22}	16.6	X	189.53648	45.80444	291.40229	7.03746	0.1472323	0.25455176	2.4657667	21	2 3.0	20.5
350102 2011 OU_{25}	17.4	X	345.14382	290.75580	334.76578	5.81301	0.1569386	0.28592428	2.2819285	21	4 27.4	19.4
350103 2011 OZ_{37}	17.0	X	192.02969	200.90124	65.78497	5.69354	0.0646415	0.24200767	2.5502532	21	—	—
350104 2011 OA_{44}	17.3	X	52.78123	290.77588	67.20008	2.73333	0.0862938	0.22541665	2.6739014	21	—	—
350105 2011 OY_{48}	16.6	X	303.75847	185.31363	167.16074	10.69716	0.1325916	0.19017448	2.9948004	21	7 3.7	20.7
350106 2011 PS_{8}	16.2	X	344.85890	355.29768	279.12716	1.98197	0.1391835	0.18104303	3.0946736	21	5 25.9	19.9
350107 2011 PE_{10}	15.5	X	272.18794	41.41851	314.19334	16.48289	0.2236321	0.18267498	3.0762149	21	5 10.3	20.5
350108 2011 PX_{14}	15.7	X	311.95718	232.88390	253.11906	21.26032	0.0636887	0.22975483	2.6401359	21	—	—
350109 2011 PB_{15}	12.8	X	314.79763	211.34516	111.61510	26.74415	0.0706121	0.08177842	5.2566644	21	6 24.1	19.6
350110 2011 QJ_{1}	15.8	X	251.64561	135.87020	281.53599	8.78712	0.0953087	0.18959583	3.0008908	21	7 24.6	20.3
350111 2011 QC_{7}	16.8	X	116.26204	50.57567	221.74337	3.97556	0.0951585	0.22006150	2.7171066	21	11 28.6	20.9
350112 2011 QM_{8}	15.3	X	256.04699	186.71031	152.38743	28.90343	0.1678625	0.17310415	3.1885831	21	4 22.5	20.7
350113 2011 QM_{9}	16.1	X	40.28682	357.38606	347.42682	13.77937	0.2016226	0.21196279	2.7858836	21	12 14.1	20.1
350114 2011 QM_{10}	16.6	X	346.43540	81.65638	201.16563	4.86212	0.1240223	0.18338827	3.0682330	21	6 10.9	20.3
350115 2011 QE_{12}	16.3	X	352.79103	321.23141	324.50665	2.30579	0.0681714	0.18388884	3.0626625	21	6 27.8	20.1
350116 2011 QQ_{22}	17.4	X	347.07009	344.62198	245.91343	5.42120	0.1829100	0.27334024	2.3514388	21	3 5.1	19.9
350117 2011 QA_{25}	17.8	X	144.95493	252.35581	308.84538	4.55004	0.0565805	0.30096348	2.2052620	21	10 6.6	20.7
350118 2011 QW_{40}	15.6	X	145.22598	278.54048	230.70831	10.18471	0.0555536	0.18415895	3.0596670	21	7 21.2	20.3
350119 2011 QN_{55}	15.7	X	31.90345	76.16800	202.74179	9.57739	0.0701855	0.19025037	2.9940040	21	8 14.4	19.7
350120 2011 QE_{59}	16.2	X	35.94327	190.31552	163.41452	13.47543	0.0524919	0.21419390	2.7665041	21	12 1.6	20.2
350121 2011 QM_{59}	15.8	X	206.89995	274.87333	165.26977	6.58640	0.1013554	0.18275462	3.0753211	21	7 3.8	20.7
350122 2011 QR_{63}	15.9	X	277.89614	82.75826	276.59715	11.92649	0.2262029	0.17880268	3.1204701	21	5 25.5	20.7
350123 2011 QJ_{64}	16.7	X	262.02533	135.71720	210.27327	8.63783	0.0890830	0.17522358	3.1628190	21	5 10.2	21.3
350124 2011 QR_{68}	16.3	X	32.39371	81.84519	297.19687	15.26018	0.1167582	0.21749692	2.7384237	21	—	—
350125 2011 QN_{77}	16.1	X	281.24889	43.87881	342.72622	16.03704	0.1390656	0.18659403	3.0329893	21	7 21.5	20.5
350126 2011 QM_{91}	16.8	X	352.45989	260.71748	212.04595	3.70962	0.0414459	0.23048379	2.6345662	21	—	—
350127 2011 QO_{94}	16.0	X	344.48952	358.65443	302.61323	6.12058	0.1479106	0.18549565	3.0449505	21	7 1.7	19.5
350128 2011 QV_{96}	16.8	X	13.18236	77.57817	185.31671	3.37673	0.1009099	0.18412792	3.0600108	21	6 29.5	20.5
350129 2011 QX_{96}	17.5	X	306.22300	239.31361	41.57722	1.95919	0.1679452	0.26957996	2.3732545	21	3 20.4	20.3
350130 2011 RH_{2}	16.6	X	237.20357	89.36870	343.04537	11.91663	0.1642742	0.18388404	3.0627157	21	7 23.8	21.5
350131 2011 RK_{3}	15.8	X	195.15977	345.98774	133.74469	14.26583	0.2296919	0.17377014	3.1804308	21	8 5.6	21.1
350132 2011 RC_{6}	17.3	X	125.67754	286.49956	334.61835	5.46828	0.1243524	0.21543904	2.7558343	21	11 23.6	21.6
350133 2011 RB_{7}	16.6	X	206.19659	294.37170	193.52075	5.66897	0.1597274	0.19161731	2.9797481	21	8 27.1	21.4
350134 2011 RD_{18}	17.4	X	354.46623	307.48468	332.93598	1.84037	0.1678113	0.28172689	2.3045379	21	6 16.2	18.9
350135 2011 SP_{1}	17.3	X	132.28587	351.17476	341.01878	8.90572	0.0488017	0.23274238	2.6174943	21	—	—
350136 2011 SB_{43}	16.3	X	61.83896	40.78962	178.55562	4.96139	0.0713725	0.18122569	3.0925937	21	7 11.8	20.5
350137 2011 SX_{43}	17.0	X	340.66943	271.33149	343.85181	6.38262	0.1000280	0.27156557	2.3616720	21	4 13.1	19.6
350138 2011 ST_{46}	16.2	X	20.87396	103.31072	191.02152	10.21950	0.0715706	0.19226328	2.9730701	21	8 19.3	20.1
350139 2011 SN_{51}	16.3	X	31.50802	286.31515	145.46294	11.92661	0.0488383	0.22426887	2.6830168	21	—	—
350140 2011 SR_{59}	16.5	X	167.47304	296.39519	219.74837	3.93454	0.1373383	0.19042193	2.9922055	21	8 26.1	21.3
350141 2011 SE_{61}	15.6	X	356.55456	58.23134	246.31814	13.95625	0.0195710	0.18681089	3.0306417	21	7 24.2	20.0
350142 2011 SP_{61}	16.3	X	300.01577	157.13925	232.70863	7.16766	0.0796719	0.19500036	2.9451840	21	8 22.4	20.3
350143 2011 SW_{63}	15.5	X	26.73490	144.58179	105.77187	13.11404	0.1781040	0.17681656	3.1437940	21	7 12.8	19.1
350144 2011 SE_{64}	15.6	X	283.06576	131.03751	180.72796	17.69196	0.1023026	0.16874961	3.2432035	21	4 23.1	20.3
350145 2011 SH_{72}	16.5	X	2.00435	60.61673	343.25428	5.80133	0.0737709	0.21294960	2.7772704	21	12 18.9	20.1
350146 2011 SD_{79}	16.2	X	163.44179	297.51170	184.32417	10.53202	0.0391005	0.17912638	3.1167097	21	7 8.2	20.9
350147 2011 SO_{80}	16.8	X	110.01944	51.83611	209.72766	2.60654	0.1771089	0.21071457	2.7968747	21	11 13.7	21.2
350148 2011 SN_{83}	16.4	X	182.81941	225.67824	6.41295	3.57307	0.0402531	0.21331038	2.7741380	21	12 19.9	20.4
350149 2011 SQ_{86}	15.9	X	314.35742	22.09438	349.64508	7.07412	0.0152886	0.18780165	3.0199734	21	8 29.8	20.0
350150 2011 SG_{88}	15.7	X	331.33974	341.60045	1.40958	9.52854	0.0443693	0.18344333	3.0676191	21	8 15.5	19.8
350151 2011 SJ_{101}	16.8	X	277.62358	50.65921	45.38980	1.48401	0.0946035	0.20184728	2.8781988	21	10 18.7	20.5
350152 2011 SD_{104}	15.6	X	51.64351	310.58666	341.80488	9.73160	0.0882680	0.19266611	2.9689245	21	10 1.8	19.7
350153 2011 SH_{114}	15.9	X	309.41752	258.71968	90.07018	14.05371	0.2032877	0.18532977	3.0467671	21	6 27.1	19.5
350154 2011 SJ_{136}	16.0	X	254.08381	62.90198	324.99654	3.08873	0.1766713	0.17612674	3.1519974	21	6 11.2	20.9
350155 2011 SZ_{137}	14.4	X	66.08900	200.05896	195.03587	8.56883	0.1348227	0.12476019	3.9666026	21	—	—
350156 2011 SU_{180}	15.3	X	301.10871	306.57973	21.59835	15.96714	0.1140261	0.17254543	3.1954626	21	5 28.6	19.8
350157 2011 SU_{182}	16.6	X	64.35082	351.61750	8.12790	5.97469	0.0295240	0.21273143	2.7791689	21	—	—
350158 2011 SH_{195}	16.8	X	73.15574	71.95059	209.32042	4.51783	0.0885558	0.20450088	2.8532463	21	10 19.6	20.8
350159 2011 ST_{202}	15.8	X	329.30400	39.76226	257.51147	7.85856	0.0305638	0.17929940	3.1147043	21	6 11.2	20.0
350160 2011 SP_{206}	16.2	X	273.57431	199.12609	169.59483	3.77450	0.1071540	0.18327305	3.0695189	21	6 18.5	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350161 2011 SZ_{221}	15.7	X	335.10828	4.60992	12.28476	15.09336	0.1660479	0.18782505	3.0197225	21	9 28.9	18.9
350162 2011 SE_{236}	17.6	X	40.41033	17.55518	220.90407	2.99702	0.1294568	0.28440118	2.2900684	21	7 15.3	19.7
350163 2011 SV_{261}	15.1	X	202.12731	178.53111	250.83924	27.00641	0.1392115	0.17590300	3.1546696	21	6 13.5	20.3
350164 2011 TB_{6}	16.2	X	269.19266	260.38365	103.67349	8.88844	0.2327093	0.17715065	3.1398402	21	5 24.0	21.1
350165 2011 TO_{11}	16.8	X	4.06973	353.78783	6.12539	6.03849	0.0759619	0.20028928	2.8931054	21	10 22.5	20.5
350166 2011 TH_{12}	15.7	X	214.29980	28.02560	37.04219	9.57596	0.0870082	0.17433576	3.1735480	21	6 23.9	20.7
350167 2011 TL_{13}	15.9	X	313.60141	56.37794	324.07777	9.26718	0.1126438	0.19205708	2.9751977	21	8 28.5	19.5
350168 2011 TK_{16}	15.5	X	14.20924	298.87193	342.43043	9.73811	0.0659920	0.17565578	3.1576289	21	7 26.9	19.6
350169 2011 UL	16.2	X	191.53408	159.29951	102.14754	12.90842	0.1504258	0.22505798	2.6767415	21	—	—
350170 2011 UP_{18}	16.0	X	353.51053	291.79454	12.85850	10.91246	0.1590024	0.17935146	3.1141015	21	7 27.1	19.6
350171 2011 UF_{33}	15.5	X	6.78518	291.58238	15.57647	8.99544	0.0719086	0.18321288	3.0701909	21	8 20.9	19.5
350172 2011 UC_{86}	16.1	X	311.29595	301.19315	53.79372	16.02902	0.0233175	0.17886338	3.1197641	21	8 7.3	20.7
350173 2011 UL_{96}	16.5	X	141.15801	181.43824	34.29883	0.31026	0.0357210	0.19455773	2.9496494	21	10 10.7	20.8
350174 2011 US_{115}	15.6	X	25.85125	284.40661	0.93748	9.65466	0.0761759	0.18273820	3.0755053	21	8 20.6	19.6
350175 2011 UA_{116}	16.4	X	75.08698	251.93824	78.64763	5.14710	0.1058460	0.21426944	2.7658538	21	12 25.3	20.3
350176 2011 UK_{122}	16.6	X	17.42076	299.57598	44.59621	6.77745	0.0792434	0.20084054	2.8878090	21	10 24.5	20.1
350177 2011 UD_{131}	16.2	X	43.33581	270.92068	15.19639	1.48844	0.1625195	0.18630039	3.0361755	21	9 25.7	20.0
350178 Eisleben	16.2	X	9.11256	131.49947	53.30957	6.94874	0.2449501	0.23668165	2.5883698	21	2 17.5	18.4
350179 2011 UY_{145}	13.4	X	246.83392	74.21925	51.51328	12.51058	0.0999821	0.08373369	5.1745099	21	10 7.4	20.5
350180 2011 UU_{181}	16.5	X	6.80886	311.54556	39.33500	11.81709	0.1547463	0.19325060	2.9629352	21	10 23.6	19.7
350181 2011 UJ_{185}	15.4	X	352.98083	249.05249	74.84226	12.43147	0.0655022	0.18125100	3.0923058	21	8 23.4	19.6
350182 2011 UL_{188}	15.6	X	236.94480	340.28483	255.97591	13.59448	0.0654360	0.22306900	2.6926293	21	—	—
350183 2011 UD_{198}	15.2	X	264.67940	281.67286	43.58474	10.53381	0.0404462	0.15365835	3.4522211	21	4 25.8	20.2
350184 2011 UU_{256}	15.6	X	247.21890	115.17333	310.69926	11.48444	0.1486501	0.17636790	3.1491235	21	7 25.3	20.2
350185 Linnell	16.8	X	238.46926	215.07445	47.18348	5.41306	0.2532190	0.23532973	2.5982735	21	—	—
350186 2011 UY_{301}	15.4	X	344.58512	283.42039	34.98683	16.56747	0.1549561	0.18149486	3.0895353	21	7 31.7	19.3
350187 2011 US_{325}	15.5	X	132.09391	144.03483	38.36477	13.10574	0.0405811	0.17918679	3.1160092	21	8 24.9	20.3
350188 2011 UR_{332}	15.4	X	301.95830	259.92107	110.41721	12.15702	0.1244326	0.18055046	3.1002995	21	7 27.2	19.3
350189 2011 UT_{336}	15.9	X	351.20238	136.80937	245.98385	10.61341	0.0678574	0.20389175	2.8589262	21	11 2.2	19.5
350190 2011 UE_{397}	15.8	X	157.48157	60.78891	62.52016	9.75957	0.0457794	0.17287507	3.1913992	21	7 4.9	20.6
350191 2011 UG_{402}	13.9	X	311.85931	279.26749	135.43805	6.82477	0.0528153	0.08529435	5.1111960	21	10 5.9	20.5
350192 2011 WG_{32}	13.6	X	277.11463	281.33174	163.87437	3.55905	0.0469479	0.08335048	5.1903581	21	9 27.8	20.4
350193 2011 WS_{106}	13.1	X	288.74352	162.92514	279.36092	27.63855	0.0745714	0.08357101	5.1812229	21	9 19.3	20.3
350194 2011 WX_{117}	15.2	X	44.75069	191.81109	62.90882	17.34967	0.0485318	0.17363792	3.1820451	21	8 5.8	19.8
350195 2011 YE_{2}	15.6	X	40.80291	265.42304	129.82536	13.17268	0.0908938	0.20120108	2.8843581	21	—	—
350196 2011 YH_{65}	13.5	X	15.86792	131.46938	259.76669	6.95840	0.0598063	0.08598885	5.0836382	21	11 24.9	20.0
350197 2012 AV_{5}	15.8	X	182.59817	304.65251	260.75588	3.73276	0.0798161	0.18099080	3.0952689	21	11 9.4	20.6
350198 2012 AL_{14}	13.2	X	327.96909	139.53148	286.87116	17.17414	0.1080671	0.08429379	5.1515626	21	10 27.1	19.8
350199 2012 BK_{68}	15.2	X	80.85732	152.83346	140.91836	10.52346	0.0881028	0.17498861	3.1656497	21	11 12.3	20.0
350200 2012 CA_{6}	16.6	X	35.65528	6.68886	101.50797	9.27299	0.1780474	0.21285960	2.7780532	21	1 4.2	19.4
350201 2012 HC_{23}	15.3	X	330.75503	271.84489	168.80237	18.66327	0.1189762	0.16985949	3.2290604	21	12 11.5	19.7
350202 2012 LL_{11}	12.6	X	304.53118	37.86916	265.76044	23.12412	0.0869673	0.08363676	5.1785070	21	5 14.7	19.5
350203 2012 OF_{6}	15.5	X	223.86214	44.63780	272.57225	7.88816	0.0497589	0.17930035	3.1146933	21	2 21.0	20.3
350204 2012 PL_{5}	15.7	X	7.07260	100.91521	260.13384	25.19910	0.3347893	0.22622895	2.6674970	21	12 11.5	18.3
350205 2012 QE_{2}	15.6	X	297.44662	293.69162	67.26935	15.52688	0.1743609	0.20148046	2.8816911	21	6 29.1	19.4
350206 2012 QS_{39}	16.1	X	98.27728	293.99052	174.73788	10.49170	0.0562687	0.17781393	3.1320273	21	4 9.3	20.4
350207 2012 QB_{41}	16.4	X	346.63600	207.14321	132.35574	9.91901	0.1662882	0.22186447	2.7023662	21	9 3.8	19.0
350208 2012 RA_{1}	17.9	X	151.58469	203.64445	185.78067	3.19263	0.1298355	0.28018252	2.3129985	21	2 25.3	20.9
350209 2012 RH_{8}	17.0	X	104.27614	345.05460	17.02070	1.70034	0.2013606	0.25689755	2.4507334	21	—	—
350210 2012 RQ_{12}	17.2	X	196.07428	102.86715	261.61589	5.43637	0.1393696	0.28615727	2.2806896	21	3 9.4	20.7
350211 2012 RO_{22}	16.6	X	262.81659	197.79127	137.83586	2.67937	0.1036172	0.18590579	3.0404703	21	4 26.0	21.0
350212 2012 RD_{25}	13.7	X	320.87249	58.07549	239.11235	2.06651	0.0751984	0.08424533	5.1535380	21	5 30.4	20.2
350213 2012 RK_{27}	16.2	X	349.34856	72.04228	301.52490	13.08626	0.1386635	0.22558624	2.6725611	21	10 19.7	19.4
350214 2012 RU_{33}	17.9	X	224.43018	16.12995	356.46641	1.92667	0.1363897	0.29502480	2.2347573	21	4 19.1	21.1
350215 2012 RW_{40}	15.7	X	181.19312	217.30537	161.45138	9.92504	0.0921160	0.17468388	3.1693303	21	3 27.3	20.6
350216 2012 SV_{17}	16.1	X	239.95321	138.80707	223.11237	11.31328	0.0755440	0.18165787	3.0876868	21	5 5.4	20.8
350217 2012 SW_{17}	16.2	X	183.71186	298.01040	228.79236	9.26303	0.0605232	0.21302607	2.7766057	21	9 26.8	20.4
350218 2012 SW_{18}	16.0	X	169.76408	178.14202	229.85723	7.17072	0.0569770	0.17201976	3.2019693	21	4 15.5	20.9
350219 2012 SJ_{19}	16.3	X	334.95838	311.24883	30.58466	8.17821	0.1577332	0.21014678	2.8019103	21	8 14.8	19.4
350220 2012 SV_{22}	18.0	X	224.40144	113.95604	273.91178	5.36096	0.1567456	0.30163935	2.2019665	21	5 7.3	21.2
350221 2012 SN_{27}	17.6	X	64.85985	104.12729	319.31238	0.75027	0.1654900	0.25872921	2.4391532	21	—	—
350222 2012 SM_{54}	15.8	X	112.36292	295.08937	215.21114	10.43721	0.0213868	0.18282814	3.0744966	21	6 11.8	20.2
350223 2012 SH_{55}	15.6	X	75.48205	55.26343	278.55839	13.79047	0.1526838	0.23866027	2.5740440	21	—	—
350224 2012 SJ_{62}	18.0	X	190.57182	148.43249	232.82884	5.69761	0.1150053	0.28575006	2.2828559	21	3 25.6	21.4
350225 2012 TU_{9}	16.8	X	8.95601	5.61423	33.45201	5.68933	0.2579425	0.23223031	2.6213406	21	—	—
350226 2012 TF_{11}	15.4	X	31.49596	279.49623	28.87314	30.60404	0.1593406	0.21513114	2.7584632	21	10 15.3	18.7
350227 2012 TK_{12}	16.6	X	348.69571	159.22480	194.26566	4.15007	0.0876817	0.21183322	2.7870195	21	9 22.9	20.0
350228 2012 TS_{17}	17.0	X	78.52520	99.89135	189.77833	2.71664	0.0747545	0.22602284	2.6691183	21	11 7.5	20.7
350229 2012 TV_{18}	17.1	X	243.16143	314.37622	43.61384	1.59385	0.2911762	0.18532767	3.0467902	21	4 17.0	22.2
350230 2012 TW_{26}	16.2	X	38.59168	329.75868	17.99839	14.36033	0.2583761	0.23298351	2.6156879	21	12 29.6	20.1
350231 2012 TY_{26}	18.0	X	205.84436	244.79301	180.89389	0.53899	0.1322544	0.30088978	2.2056220	21	6 11.2	21.1
350232 2012 TZ_{33}	15.6	X	172.11347	359.97226	37.18462	5.51248	0.1430600	0.17156435	3.2076331	21	4 10.7	20.7
350233 2012 TW_{47}	17.2	X	4.12134	157.74507	204.35093	6.24643	0.0577435	0.22330643	2.6907204	21	10 29.7	20.5
350234 2012 TS_{56}	15.6	X	122.42230	261.43524	240.81196	8.41152	0.0535035	0.17927463	3.1149912	21	6 17.9	20.1
350235 2012 TG_{57}	16.2	X	308.33410	55.80924	42.68624	22.08325	0.0722746	0.22473050	2.6793413	21	12 8.0	19.7
350236 2012 TR_{57}	16.4	X	287.66457	214.30256	222.16237	5.86289	0.0388219	0.21617980	2.7495354	21	10 15.5	19.9
350237 2012 TY_{57}	17.3	X	308.67742	275.90489	199.05985	4.85869	0.1744308	0.22983519	2.6395204	21	—	—
350238 2012 TF_{68}	15.5	X	213.03704	167.64534	211.30186	8.65737	0.0930952	0.17535305	3.1612620	21	4 26.9	20.2
350239 2012 TJ_{68}	17.7	X	61.26959	249.87705	186.01652	1.13390	0.1680329	0.25480830	2.4641114	21	—	—
350240 2012 TF_{69}	16.6	X	299.97297	268.96795	199.24320	4.38265	0.1269972	0.22640215	2.6661363	21	12 9.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350241 2012 TJ_{71}	16.8	X	30.17193	85.38819	224.65455	8.83946	0.2323580	0.22074766	2.7114731	21	10 22.3	20.0
350242 2012 TX_{71}	17.1	X	337.13896	84.80116	306.36000	1.31122	0.1039217	0.22158814	2.7046124	21	10 27.2	20.1
350243 2012 TZ_{78}	17.4	X	353.86626	162.53948	135.15029	3.83701	0.2368452	0.31473699	2.1404456	21	7 15.1	17.7
350244 2012 TD_{80}	17.0	X	259.16190	98.85543	16.89966	3.40384	0.1489197	0.21754406	2.7380280	21	10 12.9	20.8
350245 2012 TE_{80}	17.2	X	116.74675	18.21761	9.45007	2.19244	0.2146531	0.26320059	2.4114494	21	1 28.1	20.0
350246 2012 TX_{88}	16.8	X	159.77333	148.14814	225.55677	7.42488	0.2504300	0.27354127	2.3502865	21	2 23.6	20.8
350247 2012 TL_{89}	18.1	X	201.36972	120.81547	261.50477	2.65208	0.1773946	0.28916887	2.2648270	21	4 8.5	21.6
350248 2012 TN_{89}	17.8	X	203.09791	78.47448	317.19381	2.40679	0.1039256	0.29268471	2.2466531	21	4 27.7	20.9
350249 2012 TO_{89}	16.3	X	70.77233	96.99689	218.66467	12.57826	0.0567701	0.22874028	2.6479368	21	11 28.9	20.0
350250 2012 TR_{99}	16.4	X	199.69343	138.33457	233.58271	4.61858	0.1462160	0.17296063	3.1903467	21	4 3.4	21.7
350251 2012 TM_{100}	17.4	X	208.77127	104.48170	216.60703	4.44256	0.2617508	0.27693561	2.3310424	21	1 31.2	21.5
350252 2012 TD_{125}	16.6	X	353.00421	322.46571	62.16950	6.21805	0.1560576	0.22201145	2.7011734	21	11 19.4	19.4
350253 2012 TS_{125}	16.3	X	332.92388	132.75033	224.14905	8.51624	0.1210984	0.21197229	2.7858003	21	8 27.2	19.6
350254 2012 TG_{131}	16.3	X	73.57846	276.36443	29.89145	8.79790	0.0209231	0.22695163	2.6618312	21	11 13.3	19.8
350255 2012 TE_{145}	15.9	X	216.78430	316.75736	51.01801	10.96486	0.0979992	0.17365008	3.1818966	21	4 19.4	20.8
350256 2012 TQ_{148}	15.5	X	123.47739	61.40919	48.50835	8.66021	0.0214151	0.17448981	3.1716798	21	5 5.9	20.1
350257 2012 TG_{149}	17.0	X	249.70771	273.66432	25.46446	4.93295	0.1134131	0.27825116	2.3236893	21	2 14.2	20.4
350258 2012 TU_{151}	18.4	X	209.52437	231.33184	190.10444	2.39399	0.1387354	0.29874237	2.2161790	21	6 9.3	21.5
350259 2012 TV_{155}	17.2	X	181.44623	239.17715	35.38693	5.52168	0.0172496	0.25120768	2.4876013	21	—	—
350260 2012 TL_{169}	16.4	X	342.81290	359.24380	52.20530	15.44370	0.1761138	0.22448850	2.6812665	21	12 7.7	19.1
350261 2012 TB_{175}	15.4	X	119.87305	131.18169	358.55130	16.18532	0.0322699	0.18619850	3.0372830	21	5 21.8	20.0
350262 2012 TA_{186}	16.3	X	292.93896	272.82256	229.71188	11.03163	0.0747616	0.23077385	2.6323582	21	—	—
350263 2012 TO_{186}	17.6	X	209.05386	38.49559	25.07108	2.97027	0.0848774	0.29646599	2.2275090	21	6 13.9	20.7
350264 2012 TG_{187}	16.0	X	296.07091	47.35783	45.39680	6.49776	0.0222180	0.21933065	2.7231391	21	11 19.6	19.6
350265 2012 TL_{187}	16.2	X	19.17668	306.61342	58.15781	7.23553	0.0662626	0.21897561	2.7260819	21	11 23.3	19.5
350266 2012 TX_{189}	15.3	X	293.94794	53.37422	234.29924	9.41547	0.0285668	0.17339103	3.1850649	21	4 12.3	19.9
350267 2012 TQ_{193}	16.4	X	17.47243	287.30307	47.95653	6.75129	0.0491156	0.21341978	2.7731899	21	10 12.7	20.0
350268 2012 TY_{193}	16.2	X	264.83633	297.08737	59.44858	2.65744	0.0816323	0.18603017	3.0391150	21	5 26.4	20.3
350269 2012 TD_{194}	16.0	X	146.89496	50.39597	43.71979	10.93659	0.0668780	0.17537199	3.1610345	21	5 17.4	20.6
350270 2012 TG_{196}	16.1	X	141.91714	93.64557	13.04307	9.12534	0.0286465	0.17730239	3.1380485	21	5 22.6	20.7
350271 2012 TE_{197}	16.2	X	323.44908	301.00298	34.13750	12.45484	0.0674494	0.19473627	2.9478462	21	7 23.1	20.2
350272 2012 TP_{215}	17.4	X	306.85286	310.90854	40.04208	3.29888	0.0358717	0.30909299	2.1664231	21	7 24.4	19.7
350273 2012 TR_{215}	16.1	X	162.50016	252.02370	228.33668	2.72226	0.1792593	0.18268406	3.0761130	21	7 10.7	21.2
350274 2012 TT_{215}	16.1	X	72.31563	269.65052	71.13914	8.90205	0.1792255	0.23298110	2.6157059	21	—	—
350275 2012 TD_{219}	16.2	X	302.55254	227.00147	204.17573	9.82587	0.2561481	0.21339328	2.7734194	21	10 1.3	19.1
350276 2012 TO_{230}	17.4	X	216.78854	297.74381	26.77481	21.47072	0.0295906	0.38558292	1.8694945	21	1 28.2	20.0
350277 2012 TR_{232}	16.5	X	41.39813	282.69999	41.88501	13.28397	0.2848885	0.22769458	2.6560378	21	12 3.9	20.2
350278 2012 TU_{232}	16.3	X	186.90969	308.37560	38.22545	23.26348	0.2612465	0.27649141	2.3335384	21	3 1.2	20.8
350279 2012 TX_{232}	15.7	X	41.80323	256.40610	143.57497	13.12175	0.1866948	0.23940653	2.5686922	21	—	—
350280 2012 TK_{241}	17.0	X	346.08303	190.48161	207.93422	1.99140	0.0874219	0.22262517	2.6962068	21	11 21.5	20.2
350281 2012 TA_{246}	18.0	X	157.34436	351.06047	21.36710	2.65315	0.2094411	0.26930946	2.3748434	21	2 20.9	21.6
350282 2012 TD_{255}	16.6	X	349.74152	162.30373	264.84730	4.12666	0.1819632	0.23007048	2.6377205	21	—	—
350283 2012 TD_{256}	16.4	X	293.75914	2.94095	64.79723	7.01724	0.1030227	0.21178874	2.7874097	21	10 8.3	19.9
350284 2012 TK_{285}	16.8	X	77.67538	98.98152	197.77690	5.46431	0.2678617	0.22986577	2.6392863	21	12 6.8	21.1
350285 2012 TE_{286}	16.2	X	191.05736	243.35868	196.50850	9.74566	0.0844169	0.18398734	3.0615693	21	6 17.8	21.0
350286 2012 TL_{286}	17.3	X	345.36042	93.15227	301.91653	0.46732	0.0961898	0.22149544	2.7053670	21	11 15.6	20.3
350287 2012 TQ_{286}	17.0	X	92.85894	95.26768	207.41112	3.47597	0.1854690	0.23102972	2.6304143	21	12 19.9	21.2
350288 2012 TX_{290}	16.1	X	243.96002	182.45627	168.85954	2.67005	0.1625731	0.17874256	3.1211699	21	4 19.8	21.0
350289 2012 TT_{293}	15.8	X	123.20570	202.55269	264.80174	6.12667	0.0419776	0.17133851	3.2104511	21	5 3.7	20.5
350290 2012 TL_{294}	16.3	X	310.63519	297.92823	34.42178	11.15436	0.1329472	0.19243920	2.9712579	21	6 16.4	20.2
350291 2012 TW_{294}	16.4	X	36.92925	355.08897	36.19025	7.39583	0.1152955	0.23514457	2.5996372	21	—	—
350292 2012 TB_{296}	15.9	X	125.06512	327.43655	241.81731	4.84995	0.0849168	0.20609862	2.8384810	21	9 16.3	20.2
350293 2012 TX_{296}	17.1	X	19.73732	357.45337	16.78529	3.40224	0.2600471	0.22888017	2.6468578	21	—	—
350294 2012 TQ_{306}	16.9	X	184.93480	342.70780	43.11516	7.78195	0.1228176	0.27841922	2.3227541	21	3 31.7	20.3
350295 2012 TU_{310}	15.9	X	186.88104	74.72157	27.07557	10.52898	0.2070381	0.18482216	3.0523431	21	7 10.8	21.2
350296 2012 TA_{311}	15.6	X	218.77249	170.00341	244.25944	9.19715	0.0979004	0.18427316	3.0584027	21	6 14.5	20.4
350297 2012 TL_{312}	17.3	X	178.94190	230.18926	123.39885	8.23524	0.2863404	0.27488693	2.3426100	21	2 21.2	21.3
350298 2012 TM_{312}	15.6	X	225.78986	316.06905	68.17296	18.41274	0.2236459	0.18179412	3.0861438	21	5 11.4	20.9
350299 2012 TY_{313}	16.9	X	67.82332	150.26762	189.91856	3.45849	0.2126597	0.23496566	2.6009567	21	—	—
350300 2012 UJ_{31}	15.8	X	45.67642	253.59029	46.43095	16.87181	0.2266628	0.21675763	2.7446467	21	11 1.4	19.4
350301 2012 UR_{32}	17.7	X	150.50757	226.49146	207.17645	5.21669	0.1577032	0.27817127	2.3241342	21	4 27.7	20.9
350302 2012 UQ_{33}	17.5	X	202.34457	113.69200	202.61352	1.59589	0.1881473	0.27005077	2.3704953	21	1 20.5	21.3
350303 2012 UW_{35}	17.8	X	303.60737	268.81172	40.68524	3.39737	0.1010641	0.29777320	2.2209851	21	5 3.5	20.3
350304 2012 UT_{38}	17.7	X	355.35166	29.36831	252.12067	4.74365	0.1082066	0.30560676	2.1828677	21	6 22.2	19.4
350305 2012 UD_{42}	16.0	X	97.14785	283.22454	212.95975	9.59270	0.0394295	0.17524507	3.1625605	21	5 9.1	20.4
350306 2012 UP_{43}	16.7	X	48.33628	224.84485	163.60801	2.96699	0.1993103	0.23861762	2.5743507	21	—	—
350307 2012 US_{43}	17.0	X	3.84808	245.29216	179.74219	3.75641	0.1424906	0.23156028	2.6263948	21	—	—
350308 2012 US_{46}	16.5	X	280.08154	259.34753	146.52280	2.60152	0.0632448	0.20353086	2.8623047	21	8 21.9	20.4
350309 2012 UZ_{46}	18.0	X	75.41833	308.84973	108.85310	2.52732	0.1672299	0.25535646	2.4605837	21	—	—
350310 2012 UR_{48}	17.2	X	27.19965	128.19721	216.45301	5.37328	0.0261747	0.22017918	2.7161383	21	11 3.8	20.6
350311 2012 UK_{52}	17.4	X	179.69329	309.47058	42.01807	6.82060	0.1407909	0.27300475	2.3533648	21	2 12.4	21.0
350312 2012 UW_{52}	16.5	X	78.35112	208.05376	156.19380	5.38931	0.1984371	0.24272412	2.5452323	21	—	—
350313 2012 UB_{55}	16.3	X	230.57421	236.21300	231.40911	14.03542	0.1065616	0.20357889	2.8618545	21	8 27.6	20.8
350314 2012 UJ_{55}	15.8	X	247.74147	145.35866	230.67124	14.83308	0.0569797	0.18477187	3.0528969	21	6 2.9	20.3
350315 2012 UW_{58}	16.2	X	265.40898	106.53421	249.77854	6.33000	0.1233879	0.18555403	3.0443118	21	5 21.1	20.6
350316 2012 US_{59}	17.1	X	197.49597	57.07995	237.45440	10.12774	0.2125030	0.26324228	2.4111947	21	—	—
350317 2012 UG_{61}	17.0	X	266.93314	78.48608	84.93111	3.57440	0.0890505	0.23084483	2.6318186	21	—	—
350318 2012 UY_{61}	16.9	X	234.28839	204.74982	167.90944	0.81963	0.2129262	0.17996180	3.1070566	21	5 2.5	22.1
350319 2012 UF_{62}	17.4	X	99.03412	203.52155	149.55447	3.23765	0.1646991	0.24588961	2.5233409	21	—	—
350320 2012 UD_{63}	16.3	X	315.01147	262.82941	216.62392	12.63873	0.2395918	0.22720305	2.6598671	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350321 2012 UZ_{65}	16.9	X	57.51454	94.69338	202.27534	3.82234	0.0496162	0.21195497	2.7859521	21	10 15.2	20.5
350322 2012 UA_{66}	17.9	X	68.21097	235.94568	190.11652	1.98548	0.0669502	0.25399786	2.4693501	21	—	—
350323 2012 UN_{66}	17.6	X	53.38462	48.94808	61.82443	5.81458	0.1680031	0.25902801	2.4372770	21	1 30.9	19.7
350324 2012 UW_{74}	17.7	X	219.56268	347.48187	43.02194	6.39801	0.0179151	0.29442278	2.2378026	21	5 14.6	20.4
350325 2012 UY_{74}	15.7	X	23.84376	221.12452	198.36908	2.42518	0.2325929	0.12515527	3.9582506	21	—	—
350326 2012 UU_{76}	16.4	X	240.07615	163.17110	212.25537	5.02581	0.1206370	0.18305385	3.0719688	21	5 18.4	21.0
350327 2012 UM_{77}	15.7	X	303.31630	285.91303	39.46824	11.37153	0.0323684	0.18145089	3.0900344	21	6 10.8	20.1
350328 2012 UU_{77}	17.4	X	107.30106	287.10922	233.16859	5.22947	0.0584636	0.29844969	2.2176276	21	6 21.2	20.0
350329 2012 UG_{78}	16.2	X	316.85929	241.70749	227.70483	26.74102	0.0941164	0.23268386	2.6179331	21	—	—
350330 2012 UV_{88}	16.7	X	20.45629	113.15690	219.49017	1.68428	0.0809487	0.21138000	2.7910018	21	10 14.5	20.0
350331 2012 UP_{89}	16.7	X	127.35737	83.89525	214.58000	2.47737	0.2088878	0.23817098	2.5775681	21	—	—
350332 2012 UQ_{89}	16.6	X	200.35860	33.65321	55.08561	2.17184	0.0838970	0.18580317	3.0415898	21	7 9.2	21.2
350333 2012 UM_{90}	16.8	X	328.49145	293.64176	176.76425	3.15357	0.1365194	0.23274659	2.6174627	21	—	—
350334 2012 UZ_{97}	15.6	X	37.28237	35.68519	272.84604	11.91948	0.1994398	0.21617274	2.7495952	21	10 21.3	19.3
350335 2012 UG_{99}	16.5	X	180.03699	47.37573	34.97454	0.62870	0.1577456	0.18008019	3.1056946	21	6 9.9	21.5
350336 2012 UG_{100}	17.3	X	327.48914	230.94411	181.78236	4.91102	0.1584185	0.21904252	2.7255266	21	11 9.8	20.1
350337 2012 UO_{100}	16.8	X	292.56664	258.11473	176.10894	3.96417	0.0506918	0.21463595	2.7627044	21	10 19.6	20.3
350338 2012 UE_{102}	16.6	X	103.70549	229.93092	70.22640	3.25171	0.0671191	0.23024967	2.6363519	21	12 18.6	20.4
350339 2012 UO_{102}	16.4	X	163.68465	104.69945	50.64631	10.37255	0.0354102	0.19912604	2.9043615	21	8 27.7	20.7
350340 2012 UG_{103}	16.6	X	218.35165	267.77029	171.06458	2.61238	0.0175979	0.19296996	2.9658071	21	7 21.5	20.8
350341 2012 UQ_{103}	17.1	X	292.85633	279.81501	164.17209	3.06985	0.2000658	0.21486352	2.7607532	21	10 12.9	20.3
350342 2012 UT_{103}	15.7	X	261.43902	238.39109	74.75730	6.92008	0.1382524	0.17273732	3.1930957	21	3 28.0	20.6
350343 2012 UJ_{105}	16.5	X	108.00903	87.44765	243.26415	7.82990	0.1791908	0.24022305	2.5628681	21	—	—
350344 2012 UQ_{105}	16.5	X	321.63042	194.23714	234.92117	12.83830	0.0715187	0.22434536	2.6824069	21	11 24.2	19.5
350345 2012 UD_{108}	15.9	X	82.42288	147.51684	37.90552	11.28634	0.0743320	0.18323704	3.0699210	21	6 26.2	20.3
350346 2012 UL_{108}	17.0	X	63.43997	108.15902	223.28430	4.50131	0.0773970	0.22780245	2.6551993	21	12 12.2	20.5
350347 2012 UM_{108}	17.9	X	205.49229	191.62979	233.46911	3.87441	0.1185129	0.29807955	2.2194631	21	6 10.7	21.0
350348 2012 UO_{109}	16.3	X	226.49441	351.69629	44.91408	2.93528	0.0780043	0.18383664	3.0632421	21	6 2.0	20.9
350349 2012 UP_{109}	16.7	X	42.85729	306.43497	60.78261	4.52376	0.2529124	0.23270218	2.6177957	21	—	—
350350 2012 UX_{110}	16.9	X	140.81651	288.27430	68.60767	3.05672	0.2220153	0.26206304	2.4184226	21	1 18.1	20.2
350351 2012 UT_{118}	15.5	X	227.97523	329.32390	55.13209	11.39052	0.0812762	0.17783199	3.1318152	21	5 19.5	20.1
350352 2012 UE_{119}	16.5	X	38.72950	270.65882	62.37644	7.32266	0.0843231	0.21637511	2.7478805	21	11 12.2	19.9
350353 2012 UL_{119}	16.4	X	280.21220	225.47522	225.58659	6.63076	0.1543514	0.21033231	2.8002624	21	10 6.2	19.9
350354 2012 UQ_{121}	17.5	X	272.53820	43.46483	265.41121	7.54096	0.1392472	0.28687481	2.2768850	21	3 13.7	20.9
350355 2012 UJ_{123}	18.0	X	116.12353	132.46311	265.87185	2.93348	0.2025755	0.26185583	2.4196983	21	2 7.1	20.9
350356 2012 UK_{124}	16.5	X	356.20828	133.65435	268.70013	4.31716	0.0624661	0.22374570	2.6871975	21	12 10.1	19.9
350357 2012 UO_{124}	15.5	X	146.08449	161.56150	324.45539	2.99686	0.0320022	0.18164511	3.0878313	21	6 23.8	20.0
350358 2012 UU_{124}	16.9	X	167.16958	258.39523	276.22742	4.30735	0.0117008	0.20430839	2.8550381	21	9 18.2	20.9
350359 2012 UF_{127}	16.8	X	337.22650	39.58652	19.90435	3.97784	0.0908118	0.22256855	2.6966641	21	12 4.8	19.9
350360 2012 UJ_{131}	17.5	X	187.44434	273.97314	63.48529	2.99239	0.2252023	0.27219002	2.3580586	21	2 5.3	21.3
350361 2012 UC_{135}	17.4	X	200.87910	207.98691	221.66124	3.01364	0.1312829	0.29856817	2.2170409	21	6 11.5	20.6
350362 2012 UR_{135}	16.1	X	334.03540	153.70258	263.56331	10.42290	0.0826845	0.22090471	2.7101879	21	11 26.3	19.3
350363 2012 UQ_{137}	15.7	X	258.01468	345.01006	102.18973	14.18293	0.0595079	0.20502369	2.8483937	21	9 23.5	19.9
350364 2012 UL_{143}	15.5	X	254.63938	272.68856	68.06755	11.87852	0.0958410	0.17900857	3.1180769	21	4 27.1	20.2
350365 2012 UF_{145}	17.1	X	342.43758	161.93046	45.44188	6.75828	0.0604837	0.27547835	2.3392559	21	2 17.2	19.9
350366 2012 UN_{146}	16.1	X	341.29311	10.88727	240.31634	8.27555	0.0892896	0.17660077	3.1463546	21	4 22.7	20.2
350367 2012 UX_{150}	16.1	X	238.79946	164.52095	224.91275	9.26323	0.0526404	0.18215281	3.0820911	21	6 9.9	20.6
350368 2012 UG_{151}	16.6	X	79.01928	260.45603	77.79527	3.86421	0.2310751	0.23641635	2.5903059	21	—	—
350369 2012 UF_{152}	17.0	X	142.14390	275.97550	86.69416	3.20046	0.2271330	0.26250798	2.4156891	21	1 27.3	20.3
350370 2012 UG_{152}	16.2	X	14.24675	285.91240	68.88395	7.12955	0.0337510	0.21451564	2.7637372	21	11 1.1	19.9
350371 2012 UZ_{152}	18.1	X	202.33246	321.11402	82.21214	4.20718	0.0958896	0.28969141	2.2621026	21	5 9.8	21.2
350372 2012 UL_{153}	16.2	X	178.18379	359.41507	62.87808	7.82110	0.1412280	0.17224655	3.1991581	21	5 15.6	21.4
350373 2012 UO_{153}	17.7	X	199.90922	165.92984	186.92867	2.58619	0.1904247	0.27771751	2.3266651	21	3 3.0	21.5
350374 2012 UR_{153}	16.3	X	37.40796	251.12675	65.76972	5.32805	0.0654488	0.21108640	2.7935892	21	10 18.3	19.9
350375 2012 UC_{154}	17.4	X	82.02622	52.44997	79.98973	3.54805	0.1470535	0.27343977	2.3508681	21	4 21.3	19.9
350376 2012 UP_{154}	17.3	X	41.27313	334.53272	31.56128	1.49738	0.2856432	0.23220197	2.6215538	21	—	—
350377 2012 UQ_{155}	17.0	X	270.38295	230.37792	271.67744	1.42280	0.0685406	0.22621092	2.6676387	21	12 14.7	20.2
350378 2012 UB_{160}	17.2	X	207.80038	302.26148	85.72024	9.97339	0.1980381	0.28908254	2.2652778	21	4 26.8	21.0
350379 2012 UG_{160}	17.0	X	210.22981	228.88280	48.51030	3.14898	0.1550437	0.25444127	2.4664804	21	—	—
350380 2012 UZ_{160}	15.6	X	21.46181	20.63291	212.33507	13.80155	0.0686334	0.18205704	3.0831718	21	6 1.6	19.7
350381 2012 UL_{162}	17.6	X	142.70593	24.26907	351.02639	1.19939	0.2002213	0.26525630	2.3989742	21	2 8.8	20.9
350382 2012 UF_{164}	16.4	X	6.48897	128.11580	243.83184	4.87072	0.0518552	0.21754081	2.7380554	21	11 12.7	19.7
350383 2012 VM_{4}	16.5	X	42.26933	146.05455	245.47069	4.76214	0.2886574	0.23661888	2.5888276	21	—	—
350384 2012 VS_{5}	16.7	X	277.07562	120.46470	279.55995	0.93879	0.0766964	0.20452668	2.8530064	21	8 7.7	20.4
350385 2012 VT_{8}	16.6	X	263.39547	254.11068	191.39095	1.87921	0.0242251	0.21123156	2.7923093	21	9 26.9	20.3
350386 2012 VF_{10}	16.1	X	261.94779	277.83610	240.41155	12.25584	0.1229117	0.22673531	2.6635240	21	12 16.0	19.4
350387 2012 VP_{10}	16.6	X	22.85811	342.61116	34.11560	6.85493	0.0361229	0.22474447	2.6792303	21	12 10.3	20.2
350388 2012 VT_{10}	18.1	X	149.97189	76.32643	292.27528	1.95126	0.1874667	0.26575179	2.3959914	21	2 5.9	21.4
350389 2012 VM_{11}	16.4	X	290.52169	292.83333	56.15360	10.18670	0.0770337	0.19218219	2.9739064	21	6 18.5	20.5
350390 2012 VV_{12}	16.5	X	329.74477	124.13843	47.66916	7.53014	0.0684314	0.25836233	2.4414617	21	—	—
350391 2012 VJ_{14}	16.3	X	5.70689	13.10454	70.63130	13.39052	0.1861302	0.23617881	2.5920424	21	—	—
350392 2012 VA_{17}	17.5	X	269.80918	71.72000	255.91095	4.39154	0.1819863	0.29209521	2.2496749	21	4 1.6	20.8
350393 2012 VD_{18}	16.0	X	321.37757	62.70289	207.57906	7.05111	0.0924993	0.17165581	3.2064936	21	4 19.9	20.2
350394 2012 VQ_{18}	16.6	X	261.22653	57.21008	75.25629	9.87916	0.0926578	0.21842335	2.7306750	21	11 16.5	20.1
350395 2012 VR_{18}	16.0	X	111.82330	288.90830	209.31450	9.60317	0.0763565	0.17271326	3.1933922	21	6 3.9	20.7
350396 2012 VF_{19}	16.4	X	99.92837	79.53372	179.93623	5.10534	0.1176277	0.21246359	2.7815041	21	10 28.6	20.5
350397 2012 VT_{21}	17.5	X	244.97905	214.21432	48.13843	5.11208	0.1481471	0.26417432	2.4055201	21	—	—
350398 2012 VR_{24}	17.3	X	324.14073	6.69134	61.69077	2.87019	0.0737076	0.22288444	2.6941155	21	11 26.5	20.4
350399 2012 VA_{25}	15.9	X	316.70366	330.36385	78.77474	14.48850	0.1596079	0.21169917	2.7881959	21	10 19.7	19.2
350400 2012 VR_{26}	17.3	X	297.59233	237.31160	242.69475	0.45154	0.0929133	0.23211250	2.6222275	21	12 25.2	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350401 2012 VT_{30}	16.9	X	57.09984	161.32234	193.98299	3.32682	0.1994644	0.23433414	2.6056275	21	—	—
350402 2012 VL_{31}	16.7	X	265.98099	331.64625	95.90421	3.30716	0.0441976	0.20115853	2.8847648	21	9 4.7	20.6
350403 2012 VG_{32}	17.1	X	332.57158	142.75004	219.68634	5.31035	0.0868617	0.20629322	2.8366956	21	9 6.3	20.6
350404 2012 VN_{32}	17.2	X	315.94998	163.11727	181.50794	3.76585	0.1698943	0.31157469	2.1549040	21	7 7.7	18.8
350405 2012 VO_{32}	16.7	X	21.73642	283.93852	109.83883	4.36824	0.0739278	0.22910119	2.6451552	21	—	—
350406 2012 VE_{35}	16.9	X	358.06921	314.53215	96.32204	3.22848	0.0759949	0.22782180	2.6550490	21	12 26.3	20.0
350407 2012 VO_{36}	17.6	X	132.84278	341.23134	102.19215	3.63064	0.1537883	0.27647714	2.3336187	21	4 22.4	20.8
350408 2012 VS_{38}	16.5	X	316.94944	87.92453	36.93672	5.77134	0.1064874	0.23311390	2.6147125	21	—	—
350409 2012 VP_{39}	17.1	X	4.10096	39.06300	332.44733	1.55730	0.0845707	0.21819627	2.7325692	21	11 11.6	20.5
350410 2012 VO_{40}	16.9	X	187.19473	328.50331	209.60421	1.55368	0.0132275	0.21776352	2.7361882	21	10 21.7	20.7
350411 2012 VS_{41}	16.6	X	89.98003	222.65968	45.92579	9.99576	0.0630277	0.21723535	2.7406214	21	10 23.8	20.4
350412 2012 VN_{54}	16.0	X	350.11507	235.24833	50.89071	17.60848	0.1762108	0.19158803	2.9800517	21	6 16.2	19.3
350413 2012 VT_{56}	16.2	X	274.71627	269.21439	125.50724	2.73838	0.1085323	0.19204191	2.9753544	21	7 23.4	20.4
350414 2012 VH_{59}	16.1	X	345.92067	195.27685	83.20083	2.76442	0.0779822	0.18353579	3.0665887	21	6 6.8	19.8
350415 2012 VN_{60}	17.1	X	125.43075	219.00537	75.95571	3.95859	0.0240823	0.23153165	2.6266113	21	—	—
350416 2012 VF_{61}	16.8	X	93.98918	230.80957	96.00579	1.59085	0.1404467	0.23563789	2.5960077	21	—	—
350417 2012 VH_{62}	16.7	X	17.20593	281.55784	101.82442	7.26000	0.2104482	0.22860144	2.6490088	21	—	—
350418 2012 VP_{63}	16.4	X	93.82591	305.13698	202.63972	8.83477	0.0373700	0.17477326	3.1682497	21	5 19.7	20.8
350419 2012 VO_{64}	16.7	X	7.81608	25.80730	16.53883	4.12825	0.0937921	0.22664329	2.6642449	21	12 31.6	20.1
350420 2012 VT_{65}	17.6	X	166.34992	287.61809	77.88027	4.96660	0.1707905	0.26952880	2.3735548	21	2 18.7	21.1
350421 2012 VF_{72}	17.7	X	128.94257	279.66244	227.26568	6.33286	0.1893023	0.29057829	2.2574975	21	7 13.8	21.2
350422 2012 VK_{72}	16.1	X	200.09773	239.77370	221.46537	8.12718	0.1111608	0.18793065	3.0185912	21	7 20.9	21.0
350423 2012 VO_{72}	16.2	X	326.68099	174.91634	104.01312	4.16155	0.0447557	0.17418638	3.1753621	21	5 14.9	20.6
350424 2012 VU_{72}	16.6	X	344.59494	175.03514	219.68800	4.69879	0.1196319	0.21726608	2.7403630	21	11 14.5	19.5
350425 2012 VX_{73}	15.2	X	235.30736	259.37395	55.66142	23.04132	0.2507566	0.16849101	3.2465211	21	3 9.1	21.2
350426 2012 VC_{75}	17.0	X	335.58385	69.77649	67.73297	3.22419	0.1240314	0.24042251	2.5614505	21	—	—
350427 2012 VJ_{80}	16.2	X	318.35516	181.82979	134.40012	3.87123	0.0193782	0.18549844	3.0449199	21	6 22.2	20.4
350428 2012 VQ_{82}	16.7	X	325.63216	180.64472	282.01701	2.27745	0.0939640	0.23052968	2.6342166	21	—	—
350429 2012 VY_{82}	16.8	X	97.64198	72.00194	255.43048	2.72411	0.2556936	0.23886037	2.5726062	21	—	—
350430 2012 VO_{83}	16.9	X	358.76638	269.48527	164.19998	1.66422	0.0300427	0.23323569	2.6138021	21	—	—
350431 2012 VG_{84}	17.7	X	162.36805	25.81385	76.18417	3.50994	0.1191271	0.29140376	2.2532322	21	6 14.2	21.0
350432 2012 VO_{84}	15.8	X	216.16084	350.85644	51.51302	11.42020	0.2268051	0.17790474	3.1309613	21	5 21.4	21.1
350433 2012 VV_{85}	16.4	X	89.58672	203.84965	105.80090	4.45755	0.0944305	0.22809388	2.6529371	21	12 17.1	20.2
350434 2012 VH_{91}	16.4	X	53.96104	234.56349	82.42234	6.08136	0.0568109	0.21510168	2.7587151	21	11 8.4	20.1
350435 2012 VO_{91}	16.2	X	261.29722	264.85014	98.60055	4.41067	0.1321170	0.18289916	3.0737007	21	5 25.4	20.8
350436 2012 VT_{96}	16.5	X	305.47661	279.94595	232.13431	14.13502	0.0469117	0.23720957	2.5845280	21	—	—
350437 2012 WK	15.6	X	204.66325	288.90193	74.74420	13.94808	0.1316658	0.17077138	3.2175551	21	4 6.8	21.0
350438 2012 WM	15.8	X	25.61006	312.09429	55.46933	10.54607	0.0122649	0.22020739	2.7159064	21	11 28.4	19.5
350439 2012 WF_{1}	16.7	X	11.08927	340.99447	55.50921	6.07936	0.0729000	0.22358598	2.6884771	21	12 24.8	20.0
350440 2012 WW_{7}	15.7	X	277.46823	92.37140	284.68541	7.57223	0.1148327	0.19001697	2.9964553	21	7 3.0	19.9
350441 5073 $T-3$	17.4	X	212.66233	283.20048	116.17245	6.35116	0.2561588	0.28471837	2.2883673	21	5 12.6	21.4
350442 1979 ME_{2}	16.3	X	111.89301	218.16008	126.89866	7.92637	0.2971692	0.24382733	2.5375491	21	—	—
350443 1993 TA_{26}	17.6	X	198.39080	332.56413	49.07787	2.35062	0.1982571	0.26854165	2.3793680	21	4 8.6	21.4
350444 1994 XZ_{1}	17.6	X	196.42078	310.86857	107.69440	7.18865	0.0927301	0.28027116	2.3125108	21	5 25.2	21.0
350445 1995 CC_{6}	18.0	X	326.25079	177.12383	279.84177	2.27229	0.1511329	0.21753951	2.7380662	21	—	—
350446 1995 FJ_{4}	16.8	X	264.71396	284.33031	4.45698	8.54390	0.0781070	0.26387661	2.4073290	21	2 23.0	20.2
350447 1995 SQ_{73}	16.0	X	322.23534	325.59571	345.21640	9.34870	0.0100881	0.18280808	3.0747215	21	6 21.5	20.4
350448 1995 UN_{31}	17.1	X	1.18767	110.78655	25.41906	9.08704	0.1199832	0.24054508	2.5605803	21	—	—
350449 1995 YC_{12}	16.2	X	280.46572	19.49521	121.38699	14.36117	0.1000674	0.22566102	2.6719706	21	12 24.6	19.5
350450 1996 ET_{13}	16.3	X	66.38925	64.77022	168.36519	6.05722	0.1090536	0.16922413	3.2371378	21	8 9.8	20.8
350451 1996 RH_{6}	13.5	X	266.60994	143.34581	350.80393	9.90928	0.0331749	0.08353117	5.1828705	21	11 6.9	20.5
350452 1996 TZ_{34}	16.8	X	181.78704	76.32661	291.81100	5.20625	0.1452305	0.25960444	2.4336679	21	3 4.0	20.6
350453 1996 XM_{14}	16.0	X	257.04773	315.03677	95.70462	8.90630	0.2568434	0.18518116	3.0483970	21	7 3.8	20.9
350454 1997 GW_{17}	17.2	X	4.09275	317.81971	192.00201	5.62000	0.1976936	0.24065276	2.5598164	21	—	—
350455 1997 SB_{5}	18.0	X	267.34454	104.16208	227.56108	5.71531	0.1501144	0.27724974	2.3292813	21	4 10.2	21.3
350456 1997 TW_{10}	17.6	X	200.55408	158.64263	183.13235	5.75097	0.2241733	0.27097302	2.3651137	21	2 18.8	21.6
350457 1997 UZ_{15}	17.1	X	330.03429	33.18712	12.81952	1.87389	0.0685813	0.20588214	2.8404704	21	11 2.2	20.4
350458 1997 WK_{6}	17.9	X	154.16567	308.09191	101.31401	2.17762	0.1828748	0.26783847	2.3835307	21	4 3.6	21.5
350459 1998 FQ_{8}	16.4	X	178.54421	292.48993	18.34118	13.13490	0.0377111	0.24683194	2.5169146	21	—	—
350460 1998 HC	17.3	X	70.39060	16.30044	127.97276	2.10812	0.1179799	0.25817292	2.4426557	21	4 16.3	19.8
350461 1998 HE_{9}	16.7	X	175.91831	10.82639	160.47089	10.51151	0.1468038	0.18615476	3.0377587	21	9 23.9	21.6
350462 1998 KG_{3}	22.1	X	284.87280	267.92230	207.87584	5.50676	0.1175667	0.78921901	1.1596787	21	—	—
350463 1998 QA	16.2	X	13.85257	47.79642	325.24595	40.24606	0.3490185	0.22018684	2.7160753	21	—	—
350464 1998 QN_{47}	17.3	X	324.18893	213.95460	134.59224	3.81748	0.2272114	0.29826772	2.2185295	21	7 24.4	18.7
350465 1998 QM_{111}	16.9	X	71.38866	0.97982	354.78852	4.67074	0.2219697	0.22463311	2.6801157	21	—	—
350466 1998 SR_{68}	17.3	X	12.32222	118.85490	227.81918	8.72894	0.3687414	0.21754861	2.7379899	21	12 5.2	20.0
350467 1998 SV_{113}	17.3	X	138.74235	313.48028	69.71679	3.30653	0.2062663	0.27751826	2.3277786	21	2 14.7	20.6
350468 1998 TF_{1}	17.2	X	31.49346	350.35381	35.94224	5.54157	0.1194839	0.22034379	2.7147854	21	—	—
350469 1998 TO_{36}	16.7	X	16.13602	130.39220	211.80333	9.22525	0.3305530	0.21590254	2.7518888	21	11 28.9	19.6
350470 1998 WX_{35}	15.7	X	51.18630	323.57961	50.12471	12.54646	0.2293399	0.22107726	2.7087775	21	—	—
350471 1998 WC_{37}	17.3	X	263.73377	277.23405	50.18642	6.26064	0.2046015	0.28607479	2.2811280	21	3 29.3	20.7
350472 1998 YS_{13}	17.8	X	255.10028	18.92754	11.02866	0.29623	0.1291544	0.28955878	2.2627933	21	6 18.5	20.6
350473 1999 DG_{1}	17.1	X	41.74485	164.96377	283.58913	17.02863	0.0911257	0.35129832	1.9892315	21	—	—
350474 1999 FH_{20}	16.7	X	228.04144	201.32681	348.09156	1.57095	0.1550119	0.20602318	2.8391739	21	12 4.2	20.8
350475 1999 RO_{70}	16.1	X	105.81498	54.02644	278.75252	4.05369	0.2121444	0.23802586	2.5786157	21	—	—
350476 1999 RH_{73}	17.2	X	84.02534	111.73707	256.78536	3.38943	0.2789397	0.23758195	2.5818267	21	—	—
350477 1999 RP_{164}	17.1	X	81.83716	152.02838	206.79290	2.51869	0.2673617	0.23675149	2.5878608	21	—	—
350478 1999 RN_{211}	17.1	X	80.84018	54.70633	305.59937	5.11701	0.3526080	0.23548704	2.5971162	21	—	—
350479 1999 RT_{241}	17.5	X	343.65586	351.64946	354.70879	7.29569	0.1084651	0.31328441	2.1470568	21	9 18.4	19.1
350480 1999 SB	17.2	X	82.23138	335.94260	46.77027	5.90308	0.3028127	0.23745249	2.5827650	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350481 1999 TL_2	16.4	X	54.42529	315.19100	46.96608	4.58627	0.3082207	0.23319913	2.6140753	21	—	—
350482 1999 TS_{29}	17.4	X	84.21298	38.25003	356.17873	3.18820	0.2465374	0.23897623	2.5717747	21	—	—
350483 1999 TM_{72}	16.6	X	142.58137	273.15038	51.15819	14.21479	0.1973852	0.23765439	2.5813020	21	—	—
350484 1999 TP_{109}	16.7	X	45.26199	175.48040	213.47097	13.56850	0.2438165	0.23400539	2.6080674	21	—	—
350485 1999 TY_{120}	17.0	X	94.12410	163.63607	196.40526	3.30289	0.2763795	0.23722331	2.5844282	21	—	—
350486 1999 TV_{125}	16.3	X	92.22901	24.89500	351.32357	9.23521	0.2043734	0.23833817	2.5763626	21	—	—
350487 1999 TL_{137}	15.9	X	184.34025	240.49076	14.88773	14.94233	0.0283785	0.23458523	2.6037679	21	—	—
350488 1999 TF_{152}	16.8	X	46.11015	226.48918	186.19620	5.34546	0.3016796	0.23447173	2.6046081	21	—	—
350489 1999 UR_{11}	16.7	X	327.06627	317.55996	48.08113	6.93373	0.1945382	0.21987808	2.7186174	21	8 31.8	19.4
350490 1999 UG_{29}	17.1	X	99.78530	322.39753	56.22864	4.11556	0.0736627	0.23940628	2.5686939	21	—	—
350491 1999 VW_8	16.9	X	93.85825	146.95655	219.40188	9.40503	0.2373600	0.23649308	2.5897455	21	—	—
350492 1999 VP_{38}	16.8	X	50.53646	342.38602	64.41475	6.98709	0.2655206	0.23334066	2.6130182	21	—	—
350493 1999 VL_{41}	17.0	X	85.63709	345.67236	19.27788	10.29867	0.2097464	0.23579251	2.5948726	21	—	—
350494 1999 VB_{77}	17.1	X	114.06987	290.37469	88.17747	3.07675	0.1293952	0.23842433	2.5757418	21	1 4.5	20.4
350495 1999 VC_{111}	17.8	X	306.92818	148.02718	234.41896	4.74220	0.1486875	0.30844563	2.1694533	21	8 24.3	19.5
350496 1999 VE_{133}	16.7	X	3.27677	280.55800	224.35658	4.09578	0.0969700	0.24024304	2.5627260	21	—	—
350497 1999 VB_{145}	17.2	X	68.55410	99.68506	303.68106	2.95941	0.2778359	0.23604600	2.5930145	21	—	—
350498 1999 VQ_{175}	16.4	X	77.50228	131.73288	228.77351	8.48927	0.1715375	0.23403377	2.6078565	21	—	—
350499 1999 VE_{197}	16.7	X	61.40563	325.34615	75.02334	7.36576	0.2856038	0.23568779	2.5956412	21	—	—
350500 1999 VE_{207}	18.2	X	63.11496	233.03427	157.47541	1.48582	0.2653490	0.23379045	2.6096657	21	—	—
350501 1999 VS_{210}	17.6	X	56.54883	131.96007	290.54414	3.31582	0.2534738	0.23607617	2.5927936	21	—	—
350502 1999 WQ_{17}	16.6	X	48.88285	176.18483	219.21514	13.61398	0.2523717	0.23413912	2.6070742	21	—	—
350503 1999 XX_8	15.8	X	35.88044	340.00461	72.36456	34.97066	0.2209557	0.23218422	2.6216874	21	—	—
350504 1999 XR_{54}	16.2	X	55.94107	287.96619	74.45738	12.91527	0.2600023	0.23023668	2.6364510	21	—	—
350505 1999 XS_{111}	16.5	X	33.51946	154.73239	259.06392	13.07855	0.2441175	0.23139414	2.6276518	21	—	—
350506 1999 XP_{131}	16.5	X	14.47170	28.36064	26.80795	6.53601	0.2081912	0.22871931	2.6480986	21	—	—
350507 1999 XR_{163}	16.9	X	73.83417	93.09468	287.74052	9.97129	0.1977788	0.22995354	2.6386147	21	—	—
350508 1999 XT_{226}	17.5	X	291.85224	115.77679	295.84555	5.90226	0.0983895	0.30587421	2.1815951	21	9 18.5	19.7
350509 Vepřoknedlozelo	17.1	X	124.91084	82.15695	101.96133	6.28730	0.1368744	0.29803938	2.2196625	21	8 29.3	20.2
350510 2000 AN_{212}	16.9	X	103.46744	280.41946	75.31474	12.85692	0.2884330	0.23617583	2.5920642	21	—	—
350511 2000 AB_{218}	16.2	X	333.34258	32.14431	104.57471	16.70975	0.1213647	0.22909281	2.6452196	21	—	—
350512 2000 AP_{247}	17.4	X	110.51849	147.42199	321.51657	16.35102	0.0800085	0.38042905	1.8863413	21	3 23.1	19.4
350513 2000 BG_{19}	17.9	X	309.69808	79.65056	147.52275	12.57190	0.5604223	0.22731789	2.6589712	21	—	—
350514 2000 BC_{34}	17.4	X	10.48635	73.13526	324.10520	5.25429	0.2715594	0.22246603	2.6974925	21	—	—
350515 2000 BK_{38}	17.5	X	307.97268	172.40054	337.95334	1.72371	0.1421431	0.22457331	2.6805914	21	—	—
350516 2000 BV_{40}	17.2	X	44.51817	93.00360	319.10062	2.89284	0.2223814	0.22835387	2.6509231	21	—	—
350517 2000 CA_{55}	16.4	X	353.31892	335.02313	127.12090	9.16576	0.2334506	0.22716165	2.6601903	21	—	—
350518 2000 CH_{72}	17.1	X	300.14747	77.15935	79.78711	6.12371	0.4035851	0.22235049	2.6984269	21	—	—
350519 2000 CS_{107}	17.0	X	177.30149	143.63077	130.89287	3.54945	0.0312274	0.22424989	2.6831681	21	—	—
350520 2000 CY_{140}	17.7	X	128.07457	267.73909	308.21609	4.53762	0.0544859	0.30282868	2.1961974	21	10 6.1	20.5
350521 2000 DY_{34}	16.4	X	286.54243	202.53338	340.66323	11.57209	0.1961411	0.22372730	2.6873448	21	—	—
350522 2000 DU_{88}	16.6	X	344.82390	113.44633	341.89132	25.17067	0.1110919	0.22161267	2.7044129	21	—	—
350523 2000 EA_{14}	21.0	X	117.66892	206.05840	203.83460	3.55537	0.2025072	0.83488379	1.1169971	21	—	—
350524 2000 EA_{137}	17.4	X	350.04108	107.75077	14.95614	6.46845	0.3839687	0.22678584	2.6631283	21	—	—
350525 2000 FC_3	17.1	X	325.52697	94.78121	126.86864	24.53231	0.0487320	0.37105069	1.9179939	21	1 20.3	18.9
350526 2000 FZ_{13}	17.0	X	233.69427	176.34296	188.08772	6.65823	0.1952626	0.28354558	2.2946730	21	4 16.9	20.5
350527 2000 FZ_{14}	15.8	X	284.08378	121.06404	32.98714	33.60284	0.2009148	0.21885324	2.7270979	21	12 29.9	19.6
350528 2000 FB_{53}	16.4	X	103.21018	284.25403	12.29065	8.31617	0.0109891	0.21228717	2.7830449	21	12 3.9	20.3
350529 2000 GQ_{88}	16.0	X	254.71975	80.79594	78.43670	8.69379	0.1622150	0.21474773	2.7617455	21	11 29.8	19.7
350530 2000 JQ_{19}	16.5	X	337.79799	42.25273	151.45381	15.24239	0.2836777	0.22800910	2.6535948	21	—	—
350531 2000 KE	15.8	X	202.16616	340.31039	230.65234	16.68284	0.0833149	0.21101586	2.7942117	21	12 11.0	20.0
350532 2000 KL_{69}	17.6	X	72.62964	24.99335	162.54819	6.45771	0.1148209	0.28387354	2.2929052	21	6 20.4	20.2
350533 2000 LC_{33}	16.0	X	291.62436	119.33323	85.32444	14.82976	0.1347674	0.22292235	2.6938101	21	—	—
350534 2000 QX_{37}	17.1	X	195.57747	183.16425	164.07105	5.30349	0.2458545	0.26330168	2.4108321	21	2 23.7	21.3
350535 2000 QY_{44}	17.1	X	157.20287	241.99278	142.42113	3.51573	0.3308888	0.26023516	2.4297340	21	3 17.5	21.2
350536 2000 QY_{69}	19.8	X	32.98243	65.04853	341.97347	25.20312	0.1636712	0.57850416	1.4264779	21	—	—
350537 2000 RS_{59}	16.1	X	244.47916	71.13050	336.77717	6.37001	0.1730990	0.17770186	3.1333439	21	6 27.2	21.0
350538 2000 RZ_{60}	17.6	X	118.89407	98.68670	249.03133	3.51577	0.2735117	0.25211369	2.4816380	21	—	—
350539 2000 RM_{90}	15.3	X	207.61593	56.73194	340.56602	23.03568	0.1658616	0.17285254	3.1916766	21	4 30.4	21.0
350540 2000 SF_{35}	17.5	X	188.82307	204.89487	149.37257	3.05282	0.2081302	0.26154256	2.4216301	21	2 26.3	21.3
350541 2000 SH_{47}	16.9	X	81.33300	81.36551	328.36557	17.61711	0.0940241	0.34961939	1.9955949	21	—	—
350542 2000 SO_{89}	16.6	X	145.09657	157.20380	217.57932	7.86978	0.2803855	0.25608693	2.4559024	21	2 16.9	20.6
350543 2000 SV_{97}	17.2	X	187.33090	59.30609	304.68586	3.71370	0.1953137	0.26180914	2.4199860	21	3 6.9	21.3
350544 2000 SQ_{158}	17.4	X	120.71938	26.34325	344.70137	6.71928	0.2817667	0.25268835	2.4778741	21	1 24.4	20.8
350545 2000 SV_{173}	16.5	X	242.67879	58.04538	324.89502	12.52400	0.3100264	0.17534675	3.1613378	21	5 10.7	22.2
350546 2000 SJ_{183}	16.0	X	250.82955	318.73117	27.64420	1.84445	0.2168231	0.17414553	3.1758586	21	4 15.4	21.2
350547 2000 SG_{189}	16.5	X	125.06671	162.40311	220.46973	8.91181	0.1323971	0.25453817	2.4658544	21	1 18.8	19.8
350548 2000 SD_{192}	17.2	X	129.99857	123.20501	316.69272	1.02495	0.1643057	0.26205764	2.4184559	21	4 14.8	20.7
350549 2000 SO_{204}	17.2	X	210.50991	341.05702	15.04106	6.78791	0.1413787	0.26341399	2.4101468	21	3 19.4	20.8
350550 2000 SH_{225}	17.2	X	141.90557	333.01574	42.22732	1.79414	0.2028573	0.25583708	2.4575011	21	2 10.2	20.7
350551 2000 SL_{296}	17.1	X	226.02097	76.42212	269.96779	5.77209	0.1143338	0.26524128	2.3990647	21	3 18.4	20.7
350552 2000 SN_{310}	15.7	X	268.56636	63.76412	292.63139	15.04935	0.2581707	0.17676773	3.1443730	21	5 5.1	21.0
350553 2000 SL_{327}	17.2	X	143.57554	260.11928	148.73908	3.00973	0.1812552	0.26043703	2.4284783	21	3 23.5	20.8
350554 2000 SE_{370}	16.4	X	194.85232	266.44448	98.04651	6.79875	0.1322545	0.26353935	2.4093824	21	3 16.9	20.2
350555 2000 TM_7	17.6	X	68.71939	70.37020	3.26597	11.22279	0.2138199	0.25229075	2.4804768	21	1 15.8	19.9
350556 2000 TG_{22}	15.2	X	293.22413	288.86801	34.90104	26.40294	0.1238094	0.17433716	3.1735310	21	5 9.7	19.7
350557 2000 TD_{61}	16.3	X	162.48700	262.72704	124.40547	9.98259	0.2371192	0.25971729	2.4329628	21	3 21.7	20.4
350558 2000 UM_{29}	16.8	X	156.12179	307.54170	46.03513	12.43650	0.2482585	0.25473560	2.4645802	21	2 5.9	21.0
350559 2000 UE_{30}	17.1	X	79.83557	147.05052	249.92700	13.35742	0.3234522	0.24856507	2.5052014	21	—	—
350560 2000 UM_{34}	16.9	X	130.02853	343.91934	9.96689	3.61969	0.2536359	0.25201183	2.4823066	21	1 8.6	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350561 2000 UR_{64}	17.0	X	22.28243	131.57575	252.36883	4.62675	0.2492755	0.24056171	2.5604622	21	—	—
350562 2000 UB_{74}	16.9	X	213.08745	122.27090	219.04389	4.77319	0.2147918	0.26152928	2.4217120	21	2 28.4	21.0
350563 2000 UN_{75}	16.4	X	53.62905	146.78689	273.00346	9.27696	0.1598306	0.24704379	2.5154755	21	—	—
350564 2000 UK_{102}	17.0	X	158.58347	74.61319	294.78388	3.18748	0.2190268	0.25615818	2.4554470	21	2 18.9	20.8
350565 2000 UN_{110}	16.2	X	284.39644	298.67555	72.58802	12.03130	0.2390976	0.17833461	3.1259279	21	6 15.6	20.5
350566 2000 WY_{183}	16.6	X	84.15272	206.73442	267.67856	10.27285	0.2501405	0.25506138	2.4624812	21	4 12.4	19.7
350567 2000 WM_{190}	16.5	X	154.46457	306.17567	54.59528	5.33360	0.2153826	0.25438516	2.4668431	21	2 7.5	20.3
350568 2000 XH_{4}	16.1	X	51.30722	97.54835	288.64500	9.78441	0.1405408	0.24250848	2.5467409	21	—	—
350569 2000 YY_{2}	16.3	X	28.96351	306.74779	254.39022	13.43371	0.1282281	0.25852959	2.4404086	21	4 21.5	18.9
350570 2000 YU_{38}	16.8	X	94.24977	133.61837	249.95156	3.20827	0.2451445	0.24576773	2.5241751	21	—	—
350571 2000 YX_{49}	16.8	X	325.75711	332.84057	93.62681	5.29889	0.2247534	0.23260394	2.6185327	21	11 29.3	18.8
350572 2000 YR_{97}	16.1	X	260.84557	243.07801	299.46850	12.12582	0.2305530	0.23272408	2.6176314	21	—	—
350573 2001 BT_{75}	15.1	X	147.76789	35.38705	148.37457	28.28507	0.1415838	0.17044573	3.2216521	21	9 12.9	20.4
350574 2001 BN_{83}	13.1	X	291.08843	237.99031	226.14043	7.36637	0.1391354	0.08394972	5.1656289	21	10 22.3	19.8
350575 2001 DE_{62}	16.5	X	334.42338	348.20678	143.60584	11.93803	0.1147093	0.23687716	2.5869453	21	—	—
350576 2001 EH_{15}	16.5	X	247.65473	262.17692	1.09068	10.95932	0.2082273	0.23662010	2.5888187	21	—	—
350577 2001 FW_{88}	16.5	X	77.44062	246.66969	140.19120	9.73959	0.0291027	0.22784766	2.6548481	21	—	—
350578 2001 HG_{65}	17.4	X	96.39003	173.36823	52.53487	5.33048	0.1139115	0.30641287	2.1790375	21	9 22.0	20.2
350579 2001 KX_{63}	16.7	X	303.89142	87.44899	134.87449	12.72499	0.2064799	0.23780429	2.5802171	21	1 1.1	20.6
350580 2001 MW_{8}	16.3	X	113.25603	5.31318	327.43983	7.33592	0.2405172	0.21612890	2.7499670	21	—	—
350581 2001 OC_{55}	16.8	X	320.79900	272.06430	36.51476	7.98740	0.0946527	0.29175541	2.2514213	21	5 30.8	19.1
350582 2001 OU_{79}	17.8	X	143.18297	190.38388	161.72764	24.08274	0.0725574	0.37016993	1.9210351	21	—	—
350583 2001 PL_{15}	17.2	X	297.85238	262.27031	52.40485	7.32947	0.1426261	0.28878109	2.2668540	21	4 27.6	19.7
350584 2001 PP_{15}	17.6	X	286.75379	325.30933	21.24354	5.28247	0.2200655	0.28996996	2.2606537	21	5 13.4	20.6
350585 2001 PH_{16}	17.4	X	325.30683	251.75187	99.24353	7.09042	0.1845728	0.29563830	2.2316646	21	8 9.9	18.9
350586 2001 PZ_{42}	17.3	X	189.59673	73.07734	311.43284	18.53266	0.0837681	0.37801036	1.8943792	21	3 8.0	19.8
350587 2001 QR_{15}	17.3	X	203.70884	243.04307	118.57699	6.05441	0.3103820	0.27823555	2.3237762	21	3 21.3	21.6
350588 2001 QT_{44}	16.4	X	218.67217	255.44399	139.74451	22.50580	0.2641880	0.28444119	2.2898536	21	5 17.0	20.9
350589 2001 QP_{61}	15.5	X	261.67782	40.52198	315.84491	8.83495	0.2511772	0.18781507	3.0198295	21	4 29.4	20.5
350590 2001 QU_{82}	15.9	X	297.51471	103.32524	238.56112	5.16343	0.3322810	0.18966652	3.0001451	21	5 11.3	20.1
350591 2001 QT_{124}	17.8	X	147.92223	35.21071	337.56473	17.82880	0.0896908	0.37275878	1.9121302	21	1 8.5	20.0
350592 2001 QH_{143}	16.6	X	299.34318	174.81811	180.44823	2.73273	0.1429873	0.19174831	2.9783908	21	6 29.7	20.4
350593 2001 QJ_{200}	17.1	X	95.11231	242.41587	212.01365	21.58898	0.0706530	0.37188005	1.9151412	21	2 1.5	19.5
350594 2001 QU_{261}	18.0	X	223.80369	60.93677	304.81822	5.92686	0.2821389	0.28009370	2.3134875	21	4 3.6	22.3
350595 2001 QH_{272}	17.4	X	261.56783	10.89671	345.31874	7.55258	0.1487195	0.28703627	2.2760311	21	5 4.3	20.8
350596 2001 QZ_{291}	17.9	X	338.66248	343.66922	332.68293	5.28372	0.1917267	0.29261317	2.2470193	21	7 9.7	19.3
350597 2001 QB_{295}	16.6	X	175.54990	80.65596	353.71206	11.54523	0.2121049	0.27985875	2.3147821	21	5 21.5	20.6
350598 2001 RG_{24}	17.7	X	262.45689	18.05331	349.46125	5.81305	0.2050088	0.28709487	2.2757214	21	5 15.4	21.2
350599 2001 RY_{42}	16.8	X	248.83389	127.08212	258.10638	4.72316	0.1749350	0.28689959	2.2767539	21	5 29.9	20.0
350600 2001 RG_{57}	18.2	X	238.79590	327.06468	43.62566	2.32488	0.2251788	0.28361035	2.2943236	21	4 27.1	21.7
350601 2001 RG_{104}	17.0	X	217.04035	304.19154	77.81172	3.38305	0.1649707	0.28217192	2.3021141	21	4 25.7	20.6
350602 2001 RT_{104}	17.8	X	198.46374	49.50741	357.89984	3.13683	0.2608840	0.28173089	2.3045161	21	5 8.8	21.7
350603 2001 RK_{105}	16.1	X	2.29360	40.50941	323.62625	11.76202	0.1594707	0.20229884	2.8739141	21	10 28.5	19.6
350604 2001 RW_{130}	17.7	X	334.39964	284.46160	24.08740	3.47661	0.1611771	0.29037728	2.2585391	21	6 17.9	19.4
350605 2001 RB_{139}	17.5	X	238.83476	27.19379	8.21974	6.91684	0.0978842	0.28687545	2.2768817	21	6 8.8	20.6
350606 2001 SK_{11}	17.7	X	221.74843	92.26530	324.24283	7.39519	0.2334224	0.28517192	2.2859402	21	6 9.4	21.5
350607 2001 SA_{17}	17.2	X	243.74782	9.35118	11.06895	6.96068	0.1396521	0.28498369	2.2869467	21	5 19.5	20.5
350608 2001 SX_{27}	16.5	X	293.54485	8.59589	19.04193	7.63488	0.1975253	0.19181161	2.9777356	21	7 28.9	20.4
350609 2001 SJ_{41}	17.6	X	239.74265	64.29507	316.03623	4.87331	0.1792669	0.28424405	2.2909123	21	5 11.9	21.2
350610 2001 SN_{67}	17.3	X	169.89739	303.89876	103.35041	2.17717	0.1790670	0.27489138	2.3425847	21	4 14.9	21.0
350611 2001 SG_{76}	18.0	X	234.06834	90.25878	288.48347	5.15138	0.1957229	0.28361931	2.2942753	21	5 3.1	21.7
350612 2001 SW_{79}	17.2	X	286.65172	50.92407	319.20783	6.52900	0.1546770	0.29170789	2.2516658	21	6 29.8	19.7
350613 2001 SZ_{96}	17.6	X	49.72888	42.07271	235.61180	3.05822	0.1644802	0.29712411	2.2242185	21	10 6.7	20.0
350614 2001 SS_{113}	17.7	X	228.15006	101.67096	260.97622	2.32535	0.2496097	0.28052654	2.3111071	21	4 5.9	21.8
350615 2001 SS_{134}	18.4	X	202.48432	106.06688	302.17511	1.55477	0.2282448	0.28132726	2.3067198	21	5 13.7	22.3
350616 2001 SF_{144}	17.5	X	183.38495	341.91051	353.14536	19.91095	0.0626479	0.37111104	1.9177859	21	—	—
350617 2001 SS_{171}	17.8	X	287.36316	326.82578	18.73678	4.07672	0.1619734	0.28731003	2.2745851	21	5 22.4	20.6
350618 2001 SK_{187}	17.8	X	258.29804	23.85738	347.78441	0.06570	0.2145844	0.28712709	2.2755512	21	5 17.5	20.9
350619 2001 SN_{198}	17.3	X	164.21502	286.65488	166.43564	7.01624	0.2027042	0.28195604	2.3032891	21	6 8.8	21.1
350620 2001 SS_{207}	16.6	X	250.20728	215.59103	173.79208	8.95590	0.2644109	0.18675552	3.0312407	21	6 1.9	21.7
350621 2001 SH_{211}	17.6	X	272.83203	335.15721	5.44117	4.32185	0.1627406	0.28481559	2.2878465	21	4 26.5	20.6
350622 2001 SN_{212}	16.6	X	327.60979	161.22765	174.87410	9.62916	0.1653397	0.19239039	2.9717605	21	7 15.7	20.1
350623 2001 SJ_{217}	17.7	X	226.83144	46.61561	5.66030	6.21816	0.1183722	0.28609914	2.2809986	21	6 16.8	20.9
350624 2001 SY_{221}	17.2	X	315.66865	120.18739	161.97535	5.64469	0.1652528	0.28392433	2.2926318	21	4 3.8	19.8
350625 2001 SX_{222}	17.6	X	222.62833	196.44238	173.45982	5.74165	0.1280956	0.28038572	2.3118809	21	4 17.1	20.9
350626 2001 ST_{243}	16.1	X	293.21702	351.58924	16.26874	10.61003	0.1276473	0.19023912	2.9941221	21	7 12.5	20.3
350627 2001 SF_{256}	15.7	X	257.25590	294.67754	75.41577	5.48596	0.3174434	0.18393881	3.0621078	21	5 10.8	20.8
350628 2001 SR_{262}	17.4	X	294.14202	357.36244	281.43444	18.17372	0.0555474	0.37835585	1.8932258	21	2 17.2	19.8
350629 2001 SK_{317}	18.0	X	195.66034	264.32330	140.57359	2.36873	0.1982310	0.28010738	2.3134122	21	5 5.3	21.8
350630 2001 SG_{319}	17.4	X	211.88859	31.00819	9.79806	6.01902	0.1603777	0.28244707	2.3006188	21	5 12.7	21.0
350631 2001 TP	17.6	X	198.89552	333.02420	22.09186	21.05535	0.0842370	0.37406590	1.9076732	21	2 28.2	20.3
350632 2001 TU_{4}	17.9	X	231.39065	5.45598	5.99259	3.77737	0.1405084	0.28164627	2.3049776	21	4 25.2	21.4
350633 2001 TU_{16}	17.8	X	113.12213	50.48009	25.18668	20.73977	0.0968805	0.37182212	1.9153401	21	3 2.6	20.0
350634 2001 TZ_{59}	16.4	X	281.88299	19.74939	13.18575	3.86141	0.2596094	0.18955779	3.0012923	21	7 8.3	20.6
350635 2001 TB_{60}	17.5	X	242.72649	296.37544	84.99978	1.04604	0.2052980	0.28348209	2.2950156	21	5 16.1	20.8
350636 2001 TJ_{61}	17.5	X	213.82799	342.00469	60.95404	2.53663	0.2083901	0.28124772	2.3071547	21	5 17.6	21.1
350637 2001 TC_{72}	17.2	X	205.73973	310.57923	71.80449	6.43716	0.2405433	0.27775608	2.3264497	21	4 16.8	21.2
350638 2001 TK_{85}	17.6	X	179.61313	202.90782	218.55751	1.57144	0.1969563	0.27803821	2.3248756	21	5 11.7	21.3
350639 2001 TM_{101}	17.6	X	181.28356	352.68774	84.09174	4.32975	0.1988665	0.28031967	2.3122440	21	6 2.1	21.4
350640 2001 TW_{101}	17.4	X	276.27692	354.03293	348.54986	8.05926	0.1374803	0.28453715	2.2893388	21	5 4.8	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350641 2001 TX_{101}	17.5	X	271.45333	13.25938	351.89244	2.53615	0.2396309	0.28610261	2.2809801	21	5 19.2	20.7
350642 2001 TS_{111}	16.5	X	225.97279	103.40331	253.85958	6.27767	0.1316754	0.27750858	2.3278328	21	3 30.8	20.1
350643 2001 TX_{123}	17.0	X	254.64526	94.97971	260.35085	6.81750	0.2018128	0.28329205	2.2960418	21	4 21.4	20.6
350644 2001 TV_{128}	16.7	X	299.75605	48.49730	10.47046	11.69272	0.1074000	0.19650531	2.9301276	21	9 30.3	20.4
350645 2001 TX_{135}	17.1	X	208.19876	131.65827	257.19361	6.19937	0.1264551	0.27996961	2.3141710	21	4 24.1	20.7
350646 2001 TC_{136}	16.9	X	201.82146	126.57909	300.26328	6.36234	0.2667885	0.28192844	2.3034394	21	6 5.3	20.9
350647 2001 TO_{141}	15.6	X	147.39927	39.76722	32.18909	16.99500	0.1996879	0.17611294	3.1521620	21	4 30.3	20.8
350648 2001 TP_{146}	17.4	X	118.38900	251.16153	108.73022	4.27869	0.2108892	0.26432901	2.4045815	21	—	—
350649 2001 TN_{201}	17.2	X	241.60475	321.98519	69.24122	8.17194	0.1137740	0.28490508	2.2873674	21	6 5.4	20.1
350650 2001 TS_{208}	16.3	X	272.45746	13.56856	29.42167	5.91379	0.1440336	0.18849195	3.0125956	21	7 27.9	20.5
350651 2001 TN_{213}	17.2	X	212.56643	8.71741	22.63922	6.48950	0.2191609	0.27912465	2.3188389	21	4 30.4	21.0
350652 2001 TJ_{214}	17.9	X	241.05147	58.45871	302.22820	6.98239	0.2244818	0.28123492	2.3072247	21	4 12.7	21.8
350653 2001 TQ_{215}	16.9	X	286.98783	343.93482	338.36497	6.71805	0.2096027	0.28318442	2.2966236	21	4 10.4	20.1
350654 2001 TH_{222}	16.0	X	212.27189	205.65339	239.36955	10.40160	0.1156337	0.18424613	3.0587018	21	7 12.9	20.9
350655 2001 TH_{235}	16.0	X	287.01727	321.79669	79.39771	11.36931	0.1185039	0.19051185	2.9912638	21	8 20.6	20.1
350656 2001 TX_{237}	17.5	X	263.19406	228.96733	133.62918	3.68256	0.2013675	0.28446727	2.2897137	21	5 13.4	20.8
350657 2001 TS_{241}	16.9	X	291.61447	175.70074	219.55475	2.23721	0.2472993	0.19014196	2.9951420	21	7 24.9	20.9
350658 2001 TY_{241}	17.5	X	236.10184	266.23600	108.65474	6.41037	0.1875015	0.28161094	2.3051704	21	5 4.9	21.2
350659 2001 TF_{255}	16.2	X	267.25360	347.96946	69.61019	8.26808	0.1891039	0.18975994	2.9991604	21	8 3.1	20.6
350660 2001 TG_{262}	17.9	X	187.17117	292.95310	100.00775	5.28581	0.1330750	0.27895193	2.3197960	21	4 12.6	21.4
350661 2001 UM_{7}	17.8	X	206.92352	144.69267	266.66599	5.86205	0.1929148	0.28240330	2.3008565	21	5 22.2	21.5
350662 2001 UF_{11}	16.9	X	166.73641	184.27818	225.41893	10.44191	0.2120367	0.27300722	2.3533506	21	4 14.7	20.8
350663 2001 UF_{22}	17.1	X	226.61483	129.13980	270.86318	5.73404	0.1928501	0.28349865	2.2949262	21	5 25.5	20.8
350664 2001 US_{29}	17.3	X	203.67100	329.57910	71.10289	6.93363	0.1664396	0.27960871	2.3161620	21	5 7.7	20.8
350665 2001 UX_{40}	16.5	X	255.49002	0.06948	65.83975	3.51751	0.3567998	0.18706300	3.0279181	21	7 11.2	21.6
350666 2001 UO_{43}	17.8	X	181.47461	317.48014	53.81522	3.51833	0.2424012	0.27363416	2.3497546	21	3 14.8	21.8
350667 2001 UX_{59}	17.3	X	178.39608	138.05420	245.63096	1.54400	0.2115681	0.27421443	2.3464385	21	3 23.7	21.1
350668 2001 UG_{61}	18.2	X	208.76986	65.52933	331.08371	2.47966	0.1828168	0.28033464	2.3121617	21	5 4.5	22.0
350669 2001 UA_{71}	17.3	X	111.17927	309.95370	219.08833	6.64970	0.2213615	0.28029744	2.3123663	21	7 27.6	20.8
350670 2001 UV_{76}	17.8	X	219.35927	326.64757	54.32290	3.61818	0.1884058	0.27947672	2.3168911	21	4 25.4	21.6
350671 2001 UN_{78}	16.9	X	248.34647	277.22684	98.05273	5.32747	0.2483006	0.28326225	2.2962028	21	5 11.4	20.6
350672 2001 UL_{91}	16.1	X	338.30300	330.59061	26.59853	12.27194	0.0697405	0.19404296	2.9548637	21	9 15.1	19.9
350673 2001 UR_{91}	16.8	X	347.23953	94.78951	24.88185	8.65232	0.1461518	0.25909590	2.4368512	21	—	—
350674 2001 UB_{100}	16.1	X	225.69227	224.76808	216.97285	12.12408	0.3094170	0.18291571	3.0735153	21	7 8.7	21.7
350675 2001 UX_{128}	18.0	X	242.95897	290.94127	63.55370	2.46975	0.2668633	0.28227308	2.3015641	21	4 8.6	21.8
350676 2001 UL_{136}	16.0	X	238.50921	25.26014	57.12150	9.33531	0.2326165	0.18429487	3.0581624	21	7 30.2	21.1
350677 2001 UM_{149}	17.5	X	197.19906	197.38125	157.81582	2.55060	0.2362995	0.27332965	2.3514995	21	3 5.8	21.6
350678 2001 UG_{151}	17.4	X	202.98423	231.79065	159.10304	2.62661	0.2146424	0.27715740	2.3297987	21	4 23.9	21.3
350679 2001 UO_{158}	17.7	X	181.42358	349.41265	66.35808	5.67973	0.2118414	0.27647220	2.3336465	21	5 7.2	21.4
350680 2001 US_{160}	16.3	X	256.37331	343.16569	58.66961	12.31941	0.2207089	0.18458188	3.0549915	21	6 25.5	21.1
350681 2001 UO_{172}	16.8	X	222.63584	306.20599	125.59807	1.88224	0.2421688	0.18394570	3.0620312	21	6 30.5	22.0
350682 2001 UQ_{176}	16.7	X	313.24693	247.13316	158.40221	2.09501	0.1130057	0.19494310	2.9457607	21	10 2.8	20.3
350683 2001 UO_{183}	17.9	X	250.25127	298.82423	71.16443	3.63760	0.1866317	0.28411339	2.2916146	21	5 10.5	21.2
350684 2001 UZ_{192}	15.6	X	315.12742	107.04780	244.73543	9.11061	0.1048749	0.18980019	2.9987364	21	7 22.3	19.6
350685 2001 UU_{229}	15.5	X	161.91869	143.37497	39.70480	10.46785	0.0166209	0.19625767	2.9325918	21	9 28.2	19.7
350686 2001 VV_{4}	17.3	X	226.18696	89.01224	265.19879	19.24574	0.1273199	0.37902240	1.8910055	21	3 6.9	20.5
350687 2001 VB_{12}	16.5	X	194.05660	164.40911	253.38986	22.60300	0.2160749	0.27842527	2.3227205	21	5 19.4	20.4
350688 2001 VD_{25}	17.2	X	211.16990	12.44195	39.62949	3.00558	0.1951590	0.28007414	2.3135952	21	5 27.2	20.7
350689 2001 VB_{27}	17.6	X	215.18403	138.70475	267.28664	0.73147	0.2113138	0.27993851	2.3143425	21	5 22.5	21.4
350690 2001 VP_{56}	17.7	X	167.10066	72.30481	13.62835	5.84415	0.1279468	0.27852497	2.3221661	21	5 27.9	21.1
350691 2001 VN_{63}	17.9	X	219.00112	90.49741	286.75394	1.75547	0.2422098	0.27856790	2.3219275	21	4 17.5	21.7
350692 2001 VM_{86}	15.9	X	293.33919	297.16393	85.99596	11.30614	0.2442806	0.18799082	3.0179471	21	7 12.7	19.9
350693 2001 VB_{109}	17.2	X	197.57796	341.67443	47.14837	9.96476	0.1442924	0.27549753	2.3391473	21	4 17.6	20.7
350694 2001 VR_{111}	18.0	X	148.41567	359.51392	52.57997	2.98753	0.1973424	0.27120885	2.3637424	21	4 2.3	21.5
350695 2001 VP_{126}	17.6	X	231.35902	302.91970	65.71842	6.86562	0.1284509	0.27742157	2.3283195	21	4 25.4	21.1
350696 2001 WX_{8}	17.5	X	188.39098	306.91921	89.70064	5.78252	0.2291303	0.27558466	2.3386543	21	4 20.9	21.4
350697 2001 WY_{10}	17.5	X	172.90043	322.56120	118.59055	3.22290	0.1867510	0.27788919	2.3257067	21	5 31.4	21.2
350698 2001 WL_{14}	16.0	X	101.36458	261.55466	256.88722	21.86057	0.2432072	0.27455736	2.3444842	21	7 3.9	19.6
350699 2001 WK_{26}	16.1	X	309.14225	327.26761	71.31250	8.11399	0.1529318	0.19171343	2.9787521	21	9 15.9	19.7
350700 2001 WM_{36}	17.6	X	234.49890	285.89737	71.76933	6.61602	0.1895604	0.27883414	2.3204493	21	4 11.7	21.3
350701 2001 WU_{36}	15.7	X	262.03399	180.99827	223.63601	10.83814	0.1003884	0.18612397	3.0380937	21	7 18.4	20.2
350702 2001 WV_{44}	16.3	X	281.16693	310.53157	96.76332	6.78999	0.1861580	0.18731525	3.0251991	21	8 6.8	20.4
350703 2001 WS_{64}	17.6	X	196.73636	8.82938	44.90205	7.35781	0.1704710	0.28025538	2.3125976	21	5 16.3	21.1
350704 2001 WW_{67}	18.1	X	167.92756	36.35351	57.94733	4.68639	0.2196718	0.27873077	2.3210230	21	6 13.3	22.0
350705 2001 WE_{69}	18.2	X	220.71200	212.23581	179.28038	1.60270	0.1905485	0.28020505	2.3128746	21	5 10.0	21.8
350706 2001 WZ_{75}	17.8	X	146.91259	278.65620	146.44061	1.53021	0.1553280	0.27287069	2.3541355	21	4 12.9	21.2
350707 2001 WF_{83}	17.8	X	150.69936	14.05502	78.26540	3.46585	0.1695363	0.27564955	2.3382872	21	5 23.7	21.3
350708 2001 XB_{14}	15.7	X	285.61675	303.62696	55.92969	13.96799	0.4416204	0.18610129	3.0383406	21	5 9.0	20.6
350709 2001 XR_{57}	17.2	X	189.58999	331.53303	92.16583	7.44559	0.1653483	0.27711719	2.3300241	21	5 24.5	20.9
350710 2001 XD_{70}	16.0	X	284.52958	295.71980	73.38733	12.27145	0.2139367	0.18661835	3.0327258	21	6 16.5	20.2
350711 2001 XW_{74}	17.1	X	191.23329	328.68846	88.50852	8.84077	0.0917905	0.27708543	2.3302021	21	5 17.9	20.4
350712 2001 XN_{80}	15.2	X	117.32342	57.27344	90.91191	27.38243	0.2321674	0.17409608	3.1764599	21	7 7.6	20.4
350713 2001 XP_{88}	20.6	X	249.43083	261.37291	97.79702	6.74583	0.1946703	0.63036801	1.3471210	21	3 27.3	21.3
350714 2001 XN_{93}	17.5	X	130.07126	46.50664	44.31679	5.13476	0.1490488	0.27331258	2.3515974	21	4 27.5	20.5
350715 2001 XW_{95}	17.2	X	143.93739	8.30391	71.08249	8.23308	0.1849511	0.27257678	2.3558274	21	5 2.9	20.7
350716 2001 XO_{105}	17.7	X	333.73089	108.14483	76.48363	23.70718	0.0602079	0.36316221	1.9456690	21	—	—
350717 2001 XU_{110}	17.6	X	236.92897	262.45513	132.01469	3.00132	0.1870166	0.28229971	2.3014193	21	5 29.8	21.0
350718 2001 XL_{117}	15.8	X	237.48296	353.58121	83.67998	12.82069	0.2062593	0.18072364	3.0983186	21	7 24.1	20.9
350719 2001 XA_{126}	17.8	X	173.02956	346.42069	90.46452	6.01755	0.2030358	0.27693879	2.3310246	21	5 26.7	21.5
350720 2001 XR_{147}	17.9	X	188.08469	230.35050	194.90272	1.92634	0.1959291	0.27696896	2.3308553	21	5 24.4	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350721 2001 XY_{148}	15.7	X	264.25940	114.57925	250.76847	8.48935	0.1331227	0.17956955	3.1115796	21	5 30.4	20.2
350722 2001 XD_{150}	17.6	X	159.64604	21.66468	77.85410	2.67417	0.2098614	0.27594005	2.3366458	21	6 12.7	21.4
350723 2001 XB_{155}	17.1	X	199.11715	296.65082	101.94531	6.11465	0.2362494	0.27599763	2.3363208	21	5 1.9	21.1
350724 2001 XG_{160}	17.6	X	190.56961	202.78158	174.59070	2.00384	0.2218262	0.27283526	2.3543393	21	3 27.4	21.3
350725 2001 XM_{162}	17.2	X	276.02942	237.34067	83.83854	7.27327	0.1558609	0.27578984	2.3374942	21	4 10.6	20.5
350726 2001 XY_{162}	15.8	X	286.02454	328.38670	82.95119	10.70703	0.0895628	0.18664148	3.0324753	21	9 6.5	20.0
350727 2001 XP_{176}	17.5	X	129.69609	8.34485	104.96743	2.09416	0.1412962	0.27202735	2.3589985	21	5 26.9	20.6
350728 2001 XM_{186}	16.9	X	179.33337	102.61574	275.29816	3.58464	0.2268539	0.26967397	2.3727029	21	3 17.2	20.8
350729 2001 XE_{193}	17.3	X	289.15699	96.54930	111.09317	24.68039	0.0731002	0.35608149	1.9713774	21	—	—
350730 2001 XC_{208}	16.0	X	227.07445	356.32579	98.64740	16.08298	0.1649126	0.18336146	3.0685322	21	8 9.8	21.0
350731 2001 XT_{221}	16.4	X	274.27287	341.98500	58.97869	11.91877	0.2094204	0.18721591	3.0262692	21	7 17.6	20.9
350732 2001 XF_{223}	15.9	X	243.98899	355.53666	58.75741	10.12292	0.1405641	0.18355537	3.0663706	21	7 8.1	20.6
350733 2001 XK_{228}	17.6	X	224.23381	44.40968	326.93088	1.70706	0.2182503	0.27739656	2.3284594	21	4 15.2	21.6
350734 2001 XZ_{252}	15.7	X	228.24838	198.84174	290.13406	14.18065	0.2102170	0.18444392	3.0565147	21	9 7.7	20.9
350735 2001 XV_{256}	16.3	X	254.06463	232.55815	172.90459	7.57867	0.3013829	0.18552620	3.0446162	21	6 20.3	21.4
350736 2001 YO_{17}	16.6	X	246.90599	291.96916	65.53363	25.77970	0.3908645	0.18068696	3.0987379	21	4 23.7	22.5
350737 2001 YG_{22}	18.1	X	167.74815	150.78391	297.01434	4.34835	0.1983119	0.27704239	2.3304434	21	6 3.9	21.9
350738 2001 YK_{27}	17.9	X	171.42036	10.02748	62.44293	3.14657	0.1675720	0.27576541	2.3376322	21	5 17.6	21.3
350739 2001 YX_{34}	17.5	X	236.42840	99.97652	266.70276	2.57947	0.2607225	0.27879862	2.3206464	21	4 17.2	21.3
350740 2001 YT_{35}	15.7	X	262.80652	331.62189	67.49925	16.55800	0.0767802	0.18281197	3.0746779	21	7 20.1	20.3
350741 2001 YG_{37}	15.4	X	238.45526	334.16247	72.76197	11.19812	0.1291265	0.18089277	3.0963871	21	6 23.3	20.2
350742 2001 YA_{55}	18.0	X	106.15985	198.12441	274.50425	2.27986	0.1776615	0.27037763	2.3685844	21	5 1.2	21.0
350743 2001 YY_{79}	17.6	X	160.94841	343.53058	91.44515	2.25032	0.1614377	0.27228044	2.3575365	21	5 10.9	21.1
350744 2001 YC_{89}	17.6	X	131.96840	154.90732	291.77943	9.34376	0.2006332	0.26936933	2.3744915	21	4 26.1	21.2
350745 2001 YC_{124}	17.5	X	195.92611	25.01470	16.22301	4.59942	0.2648589	0.27633186	2.3344365	21	4 29.5	21.5
350746 2001 YP_{126}	17.5	X	170.76922	126.10618	318.37436	4.83830	0.2047632	0.27583198	2.3372561	21	6 2.2	21.4
350747 2001 YY_{128}	17.1	X	84.94431	145.55219	355.87480	5.20115	0.1486852	0.26925143	2.3751846	21	5 6.4	19.8
350748 2001 YN_{134}	15.5	X	129.86335	249.53340	270.85510	9.77829	0.2151417	0.17255800	3.1953074	21	7 30.6	20.9
350749 2001 YO_{151}	15.9	X	166.69326	172.53490	300.19190	16.58518	0.1761325	0.17611344	3.1521561	21	7 6.8	21.1
350750 2001 YC_{160}	17.3	X	166.57457	20.06205	321.88448	18.08738	0.0632855	0.36032997	1.9558511	21	—	—
350751 2002 AW	20.8	X	55.58750	119.24204	162.10269	0.57449	0.2563653	0.88945683	1.0708274	21	—	—
350752 2002 AR_{17}	17.4	X	65.47231	80.55291	296.48706	17.63036	0.0846141	0.35066677	1.9916192	21	—	—
350753 2002 AD_{18}	17.4	X	302.84615	101.84413	88.26159	24.46681	0.0374220	0.35698777	1.9680395	21	—	—
350754 2002 AR_{28}	15.7	X	214.83512	25.73849	107.49720	15.01530	0.2448576	0.18249431	3.0782449	21	9 10.9	21.1
350755 2002 AW_{33}	16.3	X	246.62891	241.72244	126.50709	2.52301	0.2077677	0.17563923	3.1578272	21	5 9.2	21.3
350756 2002 AF_{43}	17.7	X	126.41364	10.94973	140.62800	3.23027	0.1704515	0.27476849	2.3432831	21	7 16.7	21.0
350757 2002 AT_{45}	16.2	X	184.91751	325.78129	151.78270	1.66229	0.1231589	0.17739712	3.1369313	21	7 27.5	21.1
350758 2002 AK_{51}	17.0	X	100.21569	51.28945	134.13730	3.38432	0.0961266	0.27474585	2.3434119	21	7 23.9	20.1
350759 2002 AU_{66}	17.3	X	111.10961	192.69499	281.06960	5.82067	0.1183020	0.26881419	2.3777595	21	4 28.9	20.4
350760 2002 AE_{73}	17.4	X	155.67136	20.49365	21.57404	2.53525	0.2095634	0.26886710	2.3774476	21	3 27.9	20.9
350761 2002 AM_{75}	17.3	X	52.45753	247.28607	294.60437	8.44088	0.1290154	0.26879181	2.3778914	21	5 7.1	19.8
350762 2002 AR_{76}	16.4	X	109.37874	80.27595	85.93733	7.70015	0.3054886	0.16982993	3.2294350	21	7 31.1	21.8
350763 2002 AW_{79}	16.6	X	235.65023	20.19327	52.84505	3.99117	0.1956302	0.18080574	3.0973806	21	7 17.6	21.5
350764 2002 AJ_{109}	15.6	X	113.08247	48.71920	114.27578	14.65135	0.1677347	0.17104487	3.2141244	21	7 16.4	20.4
350765 2002 AZ_{115}	17.4	X	89.90783	39.84650	116.77893	5.67223	0.1299702	0.26988934	2.3714404	21	6 4.6	20.4
350766 2002 AM_{146}	17.7	X	62.70345	215.79764	262.20160	3.36966	0.1369360	0.26260066	2.4151207	21	2 21.7	20.1
350767 2002 AJ_{153}	15.4	X	248.68768	64.94968	324.80810	24.77833	0.4496360	0.17923328	3.1154703	21	5 9.2	21.7
350768 2002 AW_{171}	15.9	X	229.61947	158.13701	327.95870	7.59356	0.1062886	0.18498656	3.0505345	21	9 20.9	20.6
350769 2002 AU_{183}	17.6	X	122.32008	355.54560	79.31244	2.53966	0.1615768	0.26737916	2.3862596	21	3 31.0	20.7
350770 2002 AJ_{191}	17.0	X	233.70186	278.82677	145.92693	1.60880	0.1438275	0.17933807	3.1142565	21	7 9.3	21.8
350771 2002 BL_{14}	16.8	X	111.46679	198.86350	303.70968	6.24579	0.0706861	0.26954601	2.3734538	21	6 3.5	19.9
350772 2002 BO_{25}	16.2	X	204.44537	212.33897	308.92222	14.33859	0.2999041	0.18262163	3.0768139	21	9 20.6	21.9
350773 2002 BE_{27}	14.8	X	102.44015	215.05172	316.25069	26.55823	0.1586670	0.17173563	3.2055000	21	7 19.8	19.8
350774 2002 BO_{32}	15.1	X	3.43313	347.54303	294.35202	13.38434	0.0689397	0.17481060	3.1677984	21	7 9.5	19.1
350775 2002 CM_{5}	17.2	X	86.68159	12.17176	129.02198	5.80937	0.1678032	0.26597934	2.3946247	21	5 16.3	20.1
350776 2002 CU_{6}	17.4	X	50.96638	35.52513	78.26283	23.21363	0.0988780	0.36131848	1.9522822	21	—	—
350777 2002 CA_{11}	16.4	X	11.85166	126.95986	100.00279	23.70335	0.2537636	0.26061852	2.4273507	21	5 11.7	18.6
350778 2002 CM_{11}	17.6	X	87.32325	323.93751	177.67434	3.48305	0.1579574	0.26600155	2.3944914	21	5 15.0	20.5
350779 2002 CO_{21}	17.5	X	135.05967	314.08957	154.18142	1.43072	0.1404021	0.27022742	2.3694621	21	5 26.1	20.7
350780 2002 CS_{25}	17.3	X	89.77541	51.62048	332.63726	18.73121	0.0984844	0.35449648	1.9772493	21	—	—
350781 2002 CW_{34}	15.8	X	122.61895	61.06156	104.60830	11.57944	0.1960734	0.17114795	3.2128337	21	8 1.5	21.0
350782 2002 CG_{36}	17.5	X	149.25716	107.94451	324.10258	4.22416	0.2069380	0.26901915	2.3765516	21	4 26.8	21.2
350783 2002 CX_{47}	16.7	X	41.91245	80.97804	127.68608	5.95478	0.1415801	0.26838381	2.3803008	21	6 4.2	19.0
350784 2002 CA_{68}	17.6	X	40.38817	61.67153	136.30586	1.50839	0.2273339	0.26577322	2.3958626	21	5 26.3	19.2
350785 2002 CF_{71}	17.4	X	54.30318	121.43802	95.66442	1.69096	0.1583337	0.27032834	2.3688724	21	7 12.7	19.9
350786 2002 CE_{82}	17.2	X	115.03624	318.03862	137.36907	3.09354	0.1671813	0.26492735	2.4009596	21	4 19.9	20.3
350787 2002 CU_{87}	15.5	X	105.56926	69.41830	140.47917	25.58738	0.1277223	0.17495401	3.1660671	21	9 1.9	20.4
350788 2002 CX_{87}	17.6	X	147.21694	100.23345	325.39366	1.72044	0.1622779	0.26663849	2.3906765	21	4 13.8	21.2
350789 2002 CY_{115}	15.3	X	163.71954	78.62583	90.15744	26.41140	0.2384763	0.17620565	3.1510563	21	9 20.8	21.2
350790 2002 CL_{122}	17.2	X	119.92277	178.69720	295.87739	2.97308	0.1643305	0.26859897	2.3790295	21	5 19.1	20.4
350791 2002 CR_{130}	17.1	X	42.20121	58.33874	150.87300	2.59377	0.1196750	0.26699512	2.3885472	21	6 2.2	19.5
350792 2002 CE_{134}	16.8	X	163.12675	88.20306	332.60705	6.07718	0.0920524	0.26519573	2.3993394	21	4 16.8	20.2
350793 2002 CJ_{152}	15.8	X	163.40451	49.91815	146.79982	12.71281	0.1781417	0.18031504	3.1029975	21	10 14.7	21.1
350794 2002 CM_{159}	13.1	X	219.91574	15.51371	154.60270	12.16308	0.1736550	0.08212600	5.2418219	21	10 22.5	20.7
350795 2002 CW_{168}	17.2	X	33.50700	69.94926	119.61818	6.32427	0.1814435	0.26243391	2.4161436	21	4 23.0	19.2
350796 2002 CX_{175}	15.9	X	224.10793	130.28191	315.95229	11.91388	0.0800223	0.17867436	3.1219640	21	8 1.7	20.6
350797 2002 CK_{177}	16.1	X	284.99891	86.13013	325.76919	7.73330	0.1295744	0.18221527	3.0813867	21	8 24.7	20.0
350798 2002 CO_{184}	17.6	X	19.22070	100.72408	121.47059	4.20228	0.1939983	0.26550237	2.3974917	21	5 11.1	19.3
350799 2002 CX_{187}	17.8	X	62.39206	185.96002	351.25600	2.09934	0.1614287	0.26657272	2.3910698	21	5 26.4	20.1
350800 2002 CJ_{201}	16.2	X	242.20033	309.37646	129.95987	4.46784	0.1515358	0.17842392	3.1248847	21	8 4.7	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350801 2002 CU_{202}	13.2	X	297.74606	123.82856	331.11711	12.47226	0.0431595	0.08582459	5.0901222	21	10 27.3	20.0
350802 2002 CL_{208}	17.3	X	20.04584	226.94979	334.01937	4.75747	0.1128063	0.26279133	2.4139523	21	4 4.3	19.8
350803 2002 CD_{209}	17.6	X	75.82852	40.38014	122.80621	4.06065	0.1376758	0.26620666	2.3932612	21	5 25.5	20.4
350804 2002 CO_{211}	16.3	X	176.85616	150.55219	332.81692	8.12529	0.0270660	0.17459914	3.1703557	21	7 28.7	20.9
350805 2002 CT_{214}	15.6	X	115.29147	86.98735	145.91953	12.57082	0.0789775	0.17894662	3.1187966	21	10 7.9	20.4
350806 2002 CJ_{216}	17.5	X	67.40584	8.78797	148.11724	2.91090	0.1302890	0.26385109	2.4074842	21	5 1.3	20.0
350807 2002 CD_{230}	16.6	X	173.11846	341.57801	150.63270	1.64568	0.1218947	0.17368273	3.1814978	21	8 3.0	21.7
350808 2002 CF_{249}	15.8	X	98.33010	254.83196	327.18571	11.56073	0.1439072	0.17450794	3.1714601	21	9 6.8	20.6
350809 2002 CP_{257}	15.8	X	11.26144	184.74778	133.58843	10.64519	0.0671630	0.18022114	3.1040752	21	9 9.5	19.8
350810 2002 CM_{260}	18.0	X	45.57115	214.81837	330.19954	5.31274	0.1655377	0.26462946	2.4027611	21	5 4.4	20.3
350811 2002 CV_{265}	17.0	X	230.91225	316.59282	119.92142	4.71105	0.2465198	0.17942370	3.1132657	21	7 12.7	22.2
350812 2002 CV_{275}	15.5	X	155.64032	258.46634	256.94628	14.85096	0.2006639	0.17438216	3.1729849	21	8 10.7	21.1
350813 2002 CW_{275}	17.4	X	37.70003	265.03487	325.57242	10.48711	0.2197099	0.26799642	2.3825940	21	7 15.2	19.5
350814 2002 CB_{276}	15.4	X	198.96660	269.28622	225.27572	15.68152	0.1649109	0.17873242	3.1212879	21	8 23.1	20.8
350815 2002 CN_{297}	18.1	X	133.32973	303.57307	165.85823	1.32702	0.1336438	0.27067381	2.3668563	21	5 24.9	21.5
350816 2002 CP_{301}	17.6	X	37.17046	250.73504	307.68984	1.24708	0.1458032	0.26426161	2.4049903	21	5 8.0	19.6
350817 2002 CC_{310}	16.6	X	180.93392	307.21406	156.72438	14.61430	0.2618599	0.17417799	3.1754640	21	7 6.5	22.4
350818 2002 CP_{316}	17.1	X	37.75526	304.48646	245.38057	5.91350	0.0730701	0.26690720	2.3890717	21	4 18.6	19.6
350819 2002 DO	15.8	X	183.52621	346.14848	125.69627	10.49090	0.0338484	0.17500951	3.1653977	21	7 20.3	20.4
350820 2002 DS_{13}	17.5	X	79.12216	221.48294	287.08989	4.08153	0.1375125	0.26597443	2.3946541	21	5 6.6	20.1
350821 2002 DT_{15}	15.6	X	210.91529	278.94614	157.58766	17.22669	0.2083109	0.17474633	3.1685751	21	6 28.9	21.2
350822 2002 EM_{2}	15.1	X	103.48670	250.00918	338.23318	25.34198	0.2520387	0.17310531	3.1885687	21	9 22.8	20.6
350823 2002 EA_{38}	17.8	X	94.55129	284.71102	189.92498	1.96916	0.1574877	0.26243158	2.4161579	21	4 16.7	20.4
350824 2002 EN_{38}	16.9	X	23.91922	47.85498	153.47124	7.34108	0.0595212	0.26425591	2.4050249	21	4 16.8	19.6
350825 2002 ER_{38}	13.8	X	296.81296	108.62990	337.97216	6.58680	0.0819020	0.08548069	5.1037654	21	10 15.4	20.4
350826 2002 ET_{51}	15.6	X	181.54829	127.19138	349.55289	15.76928	0.1775512	0.17346090	3.1842096	21	7 27.8	21.1
350827 2002 EG_{61}	15.8	X	179.36321	151.12871	337.15136	11.14370	0.1517569	0.17325661	3.1867122	21	8 6.4	21.0
350828 2002 ED_{97}	17.1	X	21.49685	65.60065	148.63375	6.56891	0.3092076	0.26019677	2.4299730	21	5 10.9	18.1
350829 2002 EA_{99}	17.7	X	79.31885	207.89635	294.53905	2.41669	0.2071792	0.26312756	2.4118955	21	5 10.9	20.4
350830 2002 ED_{103}	18.1	X	72.95484	338.72135	155.01241	2.51023	0.1530038	0.26168566	2.4207471	21	4 10.0	20.5
350831 2002 EG_{103}	15.6	X	256.46621	111.59135	353.30845	18.43904	0.0862801	0.18155599	3.0888417	21	9 27.5	20.0
350832 2002 ED_{107}	15.4	X	170.78681	195.06525	44.81217	10.89111	0.0621193	0.18611953	3.0381421	21	12 8.7	20.0
350833 2002 EB_{109}	17.7	X	92.84819	90.85106	46.39985	0.35143	0.1729544	0.26475001	2.4020316	21	5 18.3	20.5
350834 2002 ER_{120}	17.0	X	128.35116	269.81069	175.64727	5.76190	0.0725222	0.26303579	2.4124565	21	4 9.6	20.0
350835 2002 ED_{122}	17.9	X	117.59583	230.24267	217.14958	1.29245	0.1316632	0.26205875	2.4184490	21	4 5.7	21.1
350836 2002 EO_{157}	13.9	X	192.12375	11.07749	192.65261	8.50217	0.1596310	0.08172687	5.2588744	21	11 3.5	21.5
350837 2002 EJ_{158}	17.8	X	109.68571	290.81654	159.33006	1.54901	0.1318509	0.26227283	2.4171328	21	3 30.8	20.7
350838 Gorelysheva	15.4	X	121.83107	183.16315	321.38055	15.54008	0.0198276	0.16813973	3.2510413	21	6 17.2	20.3
350839 2002 FH_{7}	17.3	X	116.17005	102.69167	7.81563	9.84435	0.1814597	0.26655637	2.3911675	21	5 9.0	20.7
350840 2002 FF_{17}	15.5	X	151.82838	39.16610	117.86544	13.86036	0.1196061	0.17305073	3.1892392	21	8 14.2	20.5
350841 2002 FB_{26}	15.5	X	147.96771	68.96433	97.17739	16.86237	0.1746880	0.17233942	3.1980086	21	8 27.1	21.0
350842 2002 FS_{37}	16.8	X	311.68179	124.42916	130.27684	11.36283	0.2784895	0.25581433	2.4576468	21	2 6.6	20.1
350843 2002 GO_{8}	15.2	X	152.80353	152.87123	11.30267	29.90088	0.2142483	0.17266003	3.1940485	21	9 7.9	20.9
350844 2002 GU_{45}	17.2	X	51.32516	206.82733	335.81675	1.69682	0.1990091	0.26159886	2.4212826	21	5 20.3	19.3
350845 2002 GE_{53}	15.5	X	192.94530	168.53928	333.55724	12.13595	0.1011199	0.17503182	3.1651287	21	9 3.2	20.3
350846 2002 GU_{56}	14.9	X	168.11312	134.79073	83.26150	18.46955	0.1976473	0.17828682	3.1264865	21	11 12.9	20.3
350847 2002 GP_{62}	17.4	X	73.98272	27.06442	158.63326	2.50557	0.1446055	0.26458516	2.4030293	21	6 25.1	20.1
350848 2002 GZ_{66}	16.7	X	50.96034	140.31005	18.99660	6.76377	0.0894809	0.25805875	2.4433761	21	4 1.1	19.2
350849 2002 GB_{76}	17.3	X	33.56184	235.20296	355.22083	3.60749	0.1756199	0.26335611	2.4104999	21	6 26.2	19.3
350850 2002 GF_{103}	17.5	X	86.43651	1.65854	175.30108	1.03560	0.1272458	0.26596304	2.3947225	21	6 27.7	20.3
350851 2002 GY_{106}	15.5	X	154.97663	50.19829	163.37530	14.12823	0.2118222	0.17824079	3.1270247	21	10 26.8	21.0
350852 2002 GF_{179}	17.0	X	340.77810	154.24524	64.31285	4.98911	0.1205113	0.25893588	2.4378551	21	2 24.0	19.8
350853 2002 JG_{140}	17.1	X	33.05223	87.74307	113.74889	7.54177	0.1599334	0.25912228	2.4366859	21	5 10.1	19.3
350854 2002 JH_{140}	17.2	X	328.69582	105.37952	127.12165	6.17594	0.2211152	0.25311141	2.4751123	21	2 7.8	20.0
350855 2002 LZ_{43}	15.4	X	27.50472	104.50089	253.99270	13.61770	0.3228973	0.21554317	2.7549467	21	—	—
350856 2002 LC_{63}	16.0	X	130.42022	44.89736	307.84861	11.76635	0.1625709	0.23293318	2.6160647	21	—	—
350857 2002 MP_{7}	16.0	X	234.74683	311.91331	285.81092	34.32276	0.0723867	0.23232196	2.6206511	21	—	—
350858 2002 NK_{5}	17.1	X	129.88301	30.90569	290.53765	12.70796	0.1826968	0.22894134	2.6463863	21	—	—
350859 2002 NR_{17}	16.5	X	83.49081	41.26854	307.77007	12.68445	0.2771973	0.22362789	2.6881411	21	—	—
350860 2002 NM_{36}	16.4	X	151.71494	1.02463	270.36356	12.60594	0.1370270	0.22647878	2.6655349	21	—	—
350861 2002 NY_{48}	16.1	X	248.88277	335.57247	313.43154	13.83601	0.1025003	0.24218880	2.5489815	21	2 4.4	20.0
350862 2002 NS_{58}	15.9	X	22.59426	349.76970	129.50203	26.69611	0.0356206	0.23666771	2.5884714	21	—	—
350863 2002 NY_{65}	16.9	X	97.07190	62.90688	242.01091	4.99698	0.1305804	0.22259139	2.6964796	21	12 21.0	21.1
350864 2002 NS_{79}	16.6	X	11.44686	208.24900	62.50495	7.74735	0.0813553	0.25853700	2.4403620	21	7 7.6	19.2
350865 2002 NC_{80}	16.7	X	147.90490	20.91902	317.73342	11.85096	0.1802466	0.23336503	2.6128363	21	1 4.3	20.7
350866 2002 NO_{80}	16.5	X	94.23304	214.30898	144.81881	12.28101	0.0906012	0.22807165	2.6531095	21	—	—
350867 2002 OU_{6}	16.1	X	177.39585	9.94094	293.44497	17.32091	0.2138849	0.23230684	2.6207649	21	—	—
350868 2002 OZ_{19}	16.8	X	230.71492	153.69401	137.79014	7.43041	0.2989847	0.23984789	2.5655399	21	1 17.1	21.4
350869 2002 OY_{36}	17.1	X	287.32515	18.93792	230.77570	7.36186	0.1838068	0.24418225	2.5350897	21	1 17.1	21.0
350870 2002 OF_{37}	16.9	X	100.17588	13.84736	292.15462	4.11481	0.0425685	0.22181818	2.7027422	21	12 18.3	20.7
350871 2002 PR_{9}	16.8	X	208.95685	350.32407	296.81996	11.13319	0.1688631	0.23566368	2.5958182	21	—	—
350872 2002 PG_{43}	18.2	X	314.63566	5.55317	346.93386	6.92146	0.4022814	0.30748430	2.1739727	21	5 29.1	20.3
350873 2002 PB_{87}	15.9	X	211.59574	279.34991	307.12858	27.26947	0.0396601	0.22545022	2.6736359	21	—	—
350874 2002 PF_{105}	16.6	X	354.28054	137.89734	207.90115	8.59945	0.2105107	0.20950126	2.8076628	21	9 25.8	19.2
350875 2002 PL_{112}	16.5	X	161.95248	189.87711	136.00184	13.96955	0.1687238	0.23204903	2.6227056	21	—	—
350876 2002 PV_{184}	16.7	X	112.38484	221.61385	157.80729	7.70843	0.1023556	0.23238943	2.6201438	21	—	—
350877 2002 QH_{8}	16.3	X	53.83944	21.60700	351.54164	14.12961	0.1765062	0.22038221	2.7144699	21	—	—
350878 2002 QH_{17}	16.4	X	61.90118	216.42244	145.99540	14.46416	0.2039234	0.22052033	2.7133364	21	—	—
350879 2002 QS_{30}	16.8	X	30.41225	197.36193	135.54634	9.33431	0.2284773	0.21407348	2.7675415	21	11 23.8	20.3
350880 2002 QK_{56}	16.8	X	108.48181	221.10257	128.15688	5.45627	0.0957613	0.22644780	2.6657780	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350881 2002 QC_{57}	17.1	X	37.41972	165.83862	160.77713	8.79287	0.2293313	0.21427603	2.7657971	21	11 24.9	20.8
350882 2002 QS_{57}	16.8	X	8.48226	33.55657	344.21962	8.58171	0.2188777	0.21424697	2.7660472	21	12 13.3	20.0
350883 2002 QF_{93}	16.8	X	74.61508	260.39109	120.26525	6.97732	0.0550612	0.22565326	2.6720319	21	—	—
350884 2002 QW_{104}	16.5	X	12.73846	55.18922	329.99555	5.80242	0.0362986	0.21860554	2.7291575	21	12 6.4	20.1
350885 2002 QV_{105}	16.6	X	254.52373	195.77856	44.19987	5.04446	0.1118144	0.23360852	2.6110204	21	—	—
350886 2002 QZ_{118}	17.2	X	71.99258	23.58195	337.20857	4.70478	0.1424695	0.22354212	2.6888287	21	—	—
350887 2002 QN_{121}	17.0	X	62.58907	58.93912	263.35375	3.37407	0.1081246	0.21697334	2.7428273	21	12 1.6	20.9
350888 2002 QO_{124}	16.6	X	235.54591	297.93344	298.56246	9.22198	0.0443865	0.23157010	2.6263205	21	—	—
350889 2002 QF_{129}	16.3	X	185.07630	180.92541	131.55054	14.80611	0.1699639	0.23536008	2.5980501	21	1 5.6	20.6
350890 2002 QD_{141}	16.2	X	189.29619	173.09885	129.01753	15.55440	0.0964301	0.23131295	2.6282666	21	—	—
350891 2002 QY_{142}	16.8	X	7.59579	195.22800	225.71606	8.69440	0.0920026	0.22021152	2.7158724	21	—	—
350892 2002 QB_{145}	17.2	X	319.66263	35.97002	187.50008	4.30780	0.1901475	0.24380389	2.5377117	21	1 20.2	20.6
350893 2002 QG_{150}	16.2	X	100.69690	238.49219	130.54000	27.25760	0.1577649	0.22889115	2.6467731	21	—	—
350894 2002 QB_{151}	16.8	X	27.80395	63.07368	289.21113	4.46370	0.0941065	0.21499430	2.7596336	21	11 21.5	20.4
350895 2002 QX_{152}	16.5	X	29.27811	284.90847	89.61516	6.92368	0.0527578	0.21915148	2.7246232	21	12 17.9	20.1
350896 2002 QA_{154}	17.0	X	215.96816	49.96044	208.40134	6.49848	0.1209143	0.23407007	2.6075869	21	—	—
350897 2002 RE	16.7	X	57.08065	251.95231	91.25291	9.21761	0.3394517	0.21728346	2.7402169	21	—	—
350898 2002 RX_{3}	16.3	X	115.91582	71.63238	276.46446	13.03850	0.0876954	0.22835906	2.6508830	21	—	—
350899 2002 RC_{4}	16.7	X	209.15354	348.45974	283.07289	12.65300	0.1121669	0.23191492	2.6237166	21	—	—
350900 2002 RB_{7}	16.2	X	164.45412	15.73178	330.64711	11.55098	0.1912023	0.23449466	2.6044383	21	1 30.9	20.3
350901 2002 RH_{70}	16.3	X	12.66512	171.90281	196.25752	9.41667	0.3012678	0.21350866	2.7724201	21	12 21.3	19.5
350902 2002 RG_{86}	16.7	X	346.03713	215.42177	176.34523	8.90934	0.2947335	0.20983557	2.8046799	21	11 25.9	18.9
350903 2002 RC_{92}	16.7	X	192.11599	114.52279	201.51620	2.44510	0.0839237	0.23382365	2.6094187	21	1 11.5	20.5
350904 2002 RR_{93}	16.6	X	34.19177	32.68176	331.33722	13.21383	0.2445034	0.21532790	2.7567825	21	—	—
350905 2002 RG_{97}	16.3	X	59.25803	151.76992	199.50570	8.86624	0.2322942	0.21841887	2.7307123	21	—	—
350906 2002 RJ_{158}	16.7	X	132.63115	10.57124	324.97144	4.31501	0.1537822	0.22677175	2.6632386	21	—	—
350907 2002 RU_{199}	16.0	X	10.31711	356.43583	359.68745	13.60960	0.1397860	0.21150865	2.7898700	21	10 31.9	19.5
350908 2002 RJ_{211}	16.5	X	266.33040	303.46429	15.69906	14.60970	0.1304146	0.24535568	2.5270003	21	3 31.4	20.1
350909 2002 RU_{236}	17.0	X	150.20338	268.08188	55.34088	1.73641	0.1039978	0.22840517	2.6505261	21	—	—
350910 2002 RX_{244}	17.0	X	356.65412	94.55404	343.53301	11.13252	0.1978178	0.21846979	2.7302880	21	—	—
350911 2002 RH_{256}	16.9	X	199.50804	36.35665	252.17957	6.50353	0.1128930	0.23266472	2.6180767	21	—	—
350912 2002 RG_{261}	16.7	X	311.26482	155.37341	278.08053	4.11524	0.1102141	0.21253763	2.7808581	21	11 7.6	20.0
350913 2002 RR_{267}	16.3	X	330.93906	5.94695	51.32504	10.28719	0.1469885	0.21250081	2.7811793	21	11 19.6	19.3
350914 2002 RC_{272}	16.2	X	17.69612	305.99497	159.69426	17.63289	0.1960761	0.22778979	2.6552976	21	—	—
350915 2002 RA_{281}	15.9	X	209.05634	347.74137	303.87325	12.27882	0.1433109	0.23367443	2.6105294	21	1 2.5	20.1
350916 2002 RY_{291}	16.4	X	137.65650	207.06793	131.89900	10.27112	0.0607548	0.22768007	2.6561507	21	—	—
350917 2002 RV_{292}	16.5	X	38.32262	262.59347	131.23454	14.98416	0.1628208	0.22043238	2.7140580	21	—	—
350918 2002 RW_{293}	15.9	X	47.33157	244.50834	114.36725	14.39428	0.1173642	0.21789769	2.7350649	21	12 30.6	19.7
350919 2002 SZ_{49}	16.2	X	74.43663	343.90132	0.11289	9.51961	0.1693528	0.21861506	2.7290783	21	—	—
350920 2002 SV_{63}	16.7	X	359.25206	344.82212	5.25873	9.42215	0.2702359	0.21082406	2.7959062	21	10 20.1	19.1
350921 2002 TO_{21}	16.5	X	341.10453	194.55382	198.84198	8.89841	0.1610522	0.20940788	2.8084974	21	11 6.9	19.4
350922 2002 TL_{24}	16.2	X	85.75357	7.18979	14.58683	6.59737	0.0299063	0.22316491	2.6918577	21	—	—
350923 2002 TS_{28}	15.5	X	241.61008	335.30724	26.85640	18.17989	0.2348110	0.19189293	2.9768942	21	4 22.5	20.5
350924 2002 TJ_{93}	16.5	X	93.72909	37.18126	319.59535	12.12837	0.1858989	0.22284387	2.6944425	21	—	—
350925 2002 TB_{95}	16.8	X	88.07982	57.70789	278.02930	7.26179	0.2375859	0.22010481	2.7167501	21	—	—
350926 2002 TF_{103}	17.8	X	314.81640	102.69517	300.47361	2.65758	0.1529868	0.31177840	2.1539653	21	10 18.9	19.2
350927 2002 TL_{117}	16.0	X	294.92896	104.16800	284.54901	8.06707	0.1909556	0.20177584	2.8788781	21	7 29.8	19.6
350928 2002 TO_{163}	16.1	X	324.38608	259.78818	121.74934	13.45961	0.3222738	0.20465756	2.8517899	21	8 30.1	18.4
350929 2002 TG_{166}	16.5	X	359.59974	60.04780	311.27913	11.77190	0.2695363	0.21104635	2.7939427	21	11 21.2	19.4
350930 2002 TT_{202}	17.3	X	15.43083	240.87922	119.57007	4.75252	0.3061336	0.21183866	2.7869718	21	12 16.5	20.3
350931 2002 TW_{218}	16.2	X	359.72183	101.77533	301.97978	6.59703	0.2290173	0.21312172	2.7757749	21	—	—
350932 2002 TO_{263}	17.9	X	297.92124	128.95453	251.40637	3.38410	0.1567240	0.30594386	2.1812640	21	8 2.4	20.0
350933 2002 TX_{272}	15.9	X	107.12714	305.23386	353.73326	12.92741	0.0726670	0.21625638	2.7488862	21	12 18.5	20.2
350934 2002 TA_{294}	16.2	X	79.35913	67.48188	31.36260	9.59166	0.1271868	0.23163550	2.6258261	21	3 7.1	19.4
350935 2002 TK_{320}	17.0	X	51.31212	22.53521	353.56538	6.17828	0.0696304	0.21964360	2.7205519	21	—	—
350936 2002 TM_{365}	16.9	X	297.43696	2.64027	80.07927	5.00265	0.0735377	0.20974080	2.8055248	21	11 3.9	20.3
350937 2002 TE_{369}	16.7	X	40.69372	307.81179	87.55945	11.18303	0.0562969	0.21737100	2.7394811	21	—	—
350938 2002 TP_{378}	16.8	X	17.97038	276.24309	107.17735	4.41936	0.1023455	0.21377172	2.7701453	21	12 19.5	20.3
350939 2002 UB_{37}	16.8	X	358.96222	127.36261	274.07158	2.79622	0.2029586	0.21138094	2.7909935	21	12 25.8	19.6
350940 2002 UT_{53}	16.7	X	46.35323	221.86256	161.09006	8.60314	0.1146666	0.21731018	2.7399922	21	—	—
350941 2002 UA_{59}	16.8	X	80.59049	196.87171	148.03348	8.91158	0.1614094	0.21772567	2.7365053	21	—	—
350942 2002 VK_{21}	16.0	X	327.66154	170.45707	255.70646	9.47925	0.2099755	0.20907069	2.8115163	21	11 24.2	18.5
350943 2002 VC_{22}	17.0	X	274.39011	3.70469	12.64076	5.11906	0.1457751	0.30118823	2.2041648	21	6 21.6	19.7
350944 2002 VZ_{24}	16.4	X	352.94077	150.77005	256.15631	8.00462	0.2086317	0.21117602	2.7927988	21	12 22.4	19.1
350945 2002 VT_{54}	16.2	X	9.25287	65.20105	323.85752	8.04904	0.1740890	0.21119992	2.7925881	21	12 23.3	19.5
350946 2002 VD_{61}	18.0	X	316.39428	2.39756	1.50474	2.10725	0.2136869	0.30681238	2.1771455	21	8 5.9	19.1
350947 2002 VD_{88}	17.2	X	266.88983	355.91674	18.83158	5.31268	0.1606067	0.29952518	2.2123160	21	6 6.1	20.0
350948 2002 VY_{100}	16.4	X	17.61413	86.10027	281.08503	7.07663	0.2999469	0.21102578	2.7941242	21	12 27.3	19.6
350949 2002 VU_{133}	17.9	X	291.83481	216.88799	171.76491	3.95918	0.1781924	0.30529963	2.1843314	21	7 31.8	20.0
350950 2002 VF_{143}	16.1	X	60.19880	235.76597	113.96158	5.36628	0.0807117	0.21269041	2.7795262	21	12 28.3	20.0
350951 2002 WN_{18}	17.5	X	211.24254	154.55551	261.92370	6.24896	0.2251226	0.29642230	2.2277278	21	5 31.6	21.1
350952 2002 WK_{29}	16.2	X	256.78113	358.12374	83.60501	12.88962	0.0631508	0.19895251	2.9060502	21	9 13.5	20.5
350953 2002 XD_{28}	17.8	X	267.41218	306.94263	67.75730	8.74904	0.2213732	0.29987281	2.2106059	21	5 30.2	20.7
350954 2002 XK_{72}	16.8	X	254.23997	44.21172	60.79713	1.67649	0.2966807	0.19709992	2.9242315	21	9 2.9	21.4
350955 2002 YA_{14}	15.6	X	265.24251	309.66952	102.50274	11.58396	0.1148843	0.19224439	2.9732649	21	8 3.5	19.9
350956 2003 AD_{4}	17.5	X	43.01674	245.66192	305.66872	19.52991	0.0199394	0.39298589	1.8459421	21	3 26.4	19.8
350957 2003 AG_{20}	16.0	X	267.79654	154.12195	300.74486	10.70166	0.1299759	0.19919396	2.9037013	21	9 22.0	20.3
350958 2003 AM_{30}	15.5	X	229.71832	311.72849	135.57862	9.81798	0.0723544	0.18880021	3.0093156	21	8 10.0	19.9
350959 2003 AR_{69}	17.4	X	297.25193	208.11923	195.49538	0.76252	0.4199445	0.19933539	2.9023277	21	7 16.4	21.0
350960 2003 AU_{90}	17.0	X	214.80125	327.43665	84.24840	11.09846	0.0818944	0.28961432	2.2625040	21	6 5.2	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
350961 2003 AO_{91}	16.1	X	223.45853	184.26386	353.27160	9.35402	0.2918889	0.19811735	2.9142113	21	10 28.9	21.1
350962 2003 BT_{2}	17.4	X	190.35515	208.82491	162.91876	0.99883	0.2297006	0.27985273	2.3148154	21	3 19.8	21.1
350963 2003 BK_{28}	17.5	X	80.16336	27.34712	152.40223	22.64278	0.0732949	0.39084189	1.8526867	21	6 13.4	19.8
350964 2003 BT_{35}	18.6	X	34.35117	41.57551	122.56970	57.27055	0.1712427	0.59846925	1.3945738	21	—	—
350965 2003 BO_{77}	16.2	X	252.39478	312.50239	138.87962	21.38222	0.1288276	0.19211837	2.9745649	21	9 6.2	20.6
350966 2003 BS_{79}	18.3	X	121.88543	157.48029	315.50103	19.90477	0.0660527	0.38976710	1.8560910	21	4 9.6	20.7
350967 2003 CZ	16.5	X	75.96031	238.08786	332.91389	24.01306	0.2630790	0.28460939	2.2889514	21	8 23.9	19.6
350968 2003 CH_{14}	16.5	X	173.01145	228.39444	293.93698	6.44106	0.0492140	0.18890178	3.0082368	21	9 7.4	21.0
350969 Boiohaemum	16.4	X	181.31748	213.03452	296.10369	1.43203	0.1777494	0.18579234	3.0417079	21	8 30.6	21.5
350970 2003 ED_{1}	17.5	X	110.68897	105.10520	352.00266	19.59360	0.0728290	0.38447042	1.8730991	21	3 12.4	18.8
350971 2003 EA_{22}	17.1	X	179.61100	337.92574	154.49978	7.10372	0.0664459	0.29127393	2.2539017	21	8 15.1	19.9
350972 2003 EL_{30}	17.6	X	115.13926	16.60297	179.32636	3.34476	0.1508146	0.28956373	2.2627676	21	9 1.4	20.9
350973 2003 EN_{31}	17.1	X	116.20277	268.42396	302.74307	6.58111	0.3364683	0.29053550	2.2577191	21	10 1.1	21.3
350974 2003 EM_{38}	15.4	X	141.29585	271.45456	269.85020	10.02030	0.2219737	0.18370830	3.0646687	21	9 1.2	20.8
350975 2003 EN_{50}	16.1	X	126.69877	81.53684	161.99537	11.79796	0.1192158	0.19043766	2.9920407	21	11 4.8	20.9
350976 2003 FY_{19}	15.5	X	54.10634	157.82578	96.46499	19.06083	0.1875207	0.17807298	3.1289890	21	9 10.8	20.0
350977 2003 FS_{31}	16.9	X	208.63667	129.63776	24.45711	2.39593	0.1612124	0.18987082	2.9979927	21	10 1.7	21.7
350978 2003 FZ_{36}	13.2	X	284.81889	72.84357	12.52416	9.84915	0.0686335	0.08308538	5.2013925	21	10 3.7	19.8
350979 2003 FC_{46}	17.7	X	109.87569	161.41854	32.01844	4.51542	0.0768017	0.28660554	2.2783109	21	8 17.3	20.6
350980 2003 FW_{50}	17.6	X	156.21534	227.01008	258.66912	3.46084	0.1085529	0.28596541	2.2817097	21	7 9.4	20.8
350981 2003 FA_{71}	16.1	X	123.94156	166.46638	33.57669	9.53882	0.0380671	0.18176842	3.0864347	21	9 4.4	20.6
350982 2003 FL_{71}	17.8	X	59.49573	181.45904	51.56549	3.11607	0.1832142	0.28330913	2.2959495	21	8 21.2	20.3
350983 2003 FP_{78}	16.8	X	187.08519	179.28074	357.68454	7.50840	0.2684459	0.18902938	3.0068828	21	10 4.0	22.0
350984 2003 FZ_{85}	16.4	X	172.58050	279.51850	231.30850	6.10244	0.2265387	0.18334643	3.0686998	21	8 22.8	21.9
350985 2003 FN_{87}	16.2	X	211.51873	340.43718	141.99750	9.48405	0.1263347	0.18507469	3.0495660	21	8 29.8	20.9
350986 2003 FA_{106}	17.2	X	105.07430	42.93716	130.61423	5.61020	0.1499476	0.28339978	2.2954599	21	7 20.8	20.2
350987 2003 FP_{131}	15.6	X	18.98254	271.92577	31.04339	10.30410	0.0494149	0.18062560	3.0994396	21	9 2.0	19.8
350988 2003 GW	16.8	X	100.00850	90.63409	183.18891	49.43876	0.4762618	0.40128915	1.8203900	21	12 19.5	21.6
350989 2003 GC_{12}	15.7	X	198.34772	157.58163	342.11147	10.05723	0.0603284	0.18486374	3.0518855	21	9 9.3	20.2
350990 2003 GE_{30}	16.1	X	36.74384	161.77691	71.00517	6.41570	0.0962837	0.17219421	3.1998062	21	6 26.8	20.1
350991 2003 GQ_{34}	16.2	X	117.63998	64.39201	119.01746	7.29928	0.1792183	0.17730099	3.1380650	21	8 17.3	21.1
350992 2003 GP_{41}	16.1	X	140.54425	90.81462	140.30678	12.37555	0.1490813	0.18415757	3.0596823	21	11 4.6	21.3
350993 2003 GH_{42}	15.9	X	223.96682	266.96185	284.80974	13.07973	0.2597345	0.19628780	2.9322917	21	11 18.9	20.8
350994 2003 GT_{42}	16.5	X	194.74976	61.03770	135.30887	11.15911	0.3450762	0.19184236	2.9774173	21	11 2.5	22.1
350995 2003 GF_{45}	16.3	X	173.51842	98.70076	33.61287	11.21588	0.1606898	0.18020897	3.1042150	21	8 8.4	21.6
350996 2003 GH_{57}	15.7	X	36.07494	189.16957	76.64798	9.98110	0.0977508	0.17463713	3.1698958	21	8 12.1	19.9
350997 2003 HB_{2}	15.7	X	90.58387	148.54207	79.40003	14.38660	0.2201645	0.17806471	3.1290859	21	9 24.9	20.8
350998 2003 HR_{16}	17.5	X	87.53348	84.12057	43.70773	22.01038	0.1193743	0.38044975	1.8862729	21	4 11.2	19.1
350999 2003 HK_{20}	16.8	X	112.61300	294.54092	211.98191	23.65091	0.2448941	0.28073545	2.3099604	21	6 29.3	20.8
351000 2003 HR_{26}	17.2	X	40.00768	159.30906	97.39996	5.95457	0.2317670	0.28071227	2.3100876	21	9 4.0	19.5
351001 2003 HM_{42}	17.0	X	38.56487	131.93015	111.44234	4.79091	0.1797694	0.27888030	2.3201933	21	7 29.3	19.0
351002 2003 HJ_{44}	17.7	X	16.00619	90.27755	159.68970	3.47978	0.1578712	0.27730172	2.3289903	21	6 16.4	19.4
351003 2003 JC	17.8	X	39.70987	146.00949	47.17069	22.08103	0.0709159	0.38257616	1.8792769	21	4 20.1	19.1
351004 2003 JE_{13}	16.7	X	24.01154	106.03660	103.10971	22.76937	0.2633221	0.27305852	2.3530558	21	5 14.9	18.7
351005 2003 KH_{4}	17.5	X	48.43834	71.27499	69.45576	23.94986	0.0434022	0.37406363	1.9076809	21	2 7.4	19.8
351006 2003 KX_{7}	16.4	X	117.33896	111.99342	125.90825	12.50355	0.2440304	0.18146655	3.0898567	21	10 29.1	21.8
351007 2003 MT_{1}	16.0	X	142.32509	206.18422	105.36471	8.00591	0.2593016	0.24216180	2.5491710	21	—	—
351008 2003 OZ_{27}	16.6	X	93.87911	219.21594	133.69535	10.23675	0.1114050	0.23803428	2.5785549	21	—	—
351009 2003 PQ_{1}	16.8	X	67.68535	105.28642	148.68563	9.71903	0.2918754	0.27959711	2.3162260	21	10 17.3	20.2
351010 2003 QA_{28}	16.6	X	358.56796	93.77524	299.14793	11.92940	0.1814419	0.22608631	2.6686188	21	12 15.3	19.5
351011 2003 QX_{34}	16.1	X	96.91643	31.93893	337.82958	11.35679	0.1695351	0.23914016	2.5705992	21	—	—
351012 2003 QF_{43}	17.2	X	76.94183	40.76532	335.59935	4.37564	0.2879924	0.23516332	2.5994991	21	—	—
351013 2003 QK_{52}	17.0	X	116.44254	226.81207	130.41650	6.07624	0.2976756	0.24063154	2.5599669	21	1 4.7	20.4
351014 2003 QR_{55}	16.7	X	108.63015	354.40747	355.57030	9.88094	0.2112641	0.23823395	2.5771139	21	—	—
351015 2003 QS_{71}	15.9	X	27.66003	47.65673	275.24886	11.22937	0.3178948	0.22323587	2.6912873	21	11 18.8	19.2
351016 2003 QM_{78}	16.6	X	8.81527	51.08455	355.62798	28.15247	0.3770689	0.22502731	2.6769847	21	—	—
351017 2003 RZ_{4}	16.9	X	65.74237	23.05260	338.95221	12.21222	0.2918718	0.23132663	2.6281630	21	—	—
351018 2003 RU_{18}	16.9	X	22.44350	62.03617	328.94048	7.07831	0.2357647	0.22841913	2.6504182	21	—	—
351019 2003 RK_{20}	16.7	X	68.75819	223.57394	164.96086	7.78324	0.2035339	0.23524732	2.5988802	21	—	—
351020 2003 SJ_{9}	16.7	X	116.73793	359.09112	1.62186	9.28747	0.1724080	0.23873854	2.5734814	21	—	—
351021 2003 SK_{10}	17.3	X	32.63025	84.55948	332.24865	2.00377	0.2061130	0.23205279	2.6226772	21	—	—
351022 2003 SV_{11}	16.1	X	30.47748	255.72271	169.89235	14.93304	0.1058925	0.23583156	2.5945862	21	—	—
351023 2003 SH_{38}	16.5	X	113.28788	26.99663	294.72761	7.34531	0.2168094	0.23469058	2.6029887	21	—	—
351024 2003 SF_{40}	16.6	X	65.36829	115.30505	290.41374	11.73554	0.2068468	0.23522784	2.5990237	21	—	—
351025 2003 SW_{41}	16.3	X	81.26726	4.47748	347.85373	14.13996	0.2631063	0.23234289	2.6204937	21	—	—
351026 2003 SF_{53}	17.4	X	17.87222	104.32378	300.10525	6.62939	0.3335065	0.22642569	2.6659516	21	—	—
351027 2003 SS_{55}	16.6	X	79.55482	179.19583	193.99220	11.23269	0.2431931	0.23505306	2.6003119	21	—	—
351028 2003 SX_{77}	16.8	X	62.60311	148.97935	261.53714	4.69859	0.2040957	0.23674151	2.5879335	21	—	—
351029 2003 SP_{92}	17.0	X	107.58148	35.49486	354.25690	5.03784	0.1162805	0.24079808	2.5587864	21	1 8.4	20.1
351030 2003 SD_{107}	16.5	X	79.26889	2.38647	348.95331	11.86521	0.2086757	0.23169100	2.6254068	21	—	—
351031 2003 SG_{111}	16.8	X	24.36926	118.32684	299.81849	10.71724	0.2885685	0.22916706	2.6446483	21	—	—
351032 2003 SN_{125}	17.0	X	29.66528	73.50210	331.36902	4.46218	0.2740711	0.23034315	2.6356385	21	—	—
351033 2003 SY_{129}	16.0	X	19.98260	106.49448	340.53814	29.65356	0.3031368	0.23378328	2.6097190	21	—	—
351034 2003 SS_{145}	16.2	X	30.28308	71.04286	311.50831	10.79930	0.2036915	0.22772448	2.6558053	21	—	—
351035 2003 SP_{148}	17.3	X	48.62474	123.87354	223.78181	3.67604	0.2897452	0.22723222	2.6596395	21	—	—
351036 2003 SM_{157}	15.3	X	80.04009	202.55192	188.17290	5.53845	0.3058986	0.12403615	3.9820239	21	1 24.8	20.7
351037 2003 SH_{165}	16.7	X	121.14410	191.60086	157.40572	7.77096	0.2019424	0.23713703	2.5850551	21	—	—
351038 2003 SY_{167}	16.7	X	102.66982	191.57121	182.93750	7.25260	0.1739078	0.24001761	2.5643304	21	—	—
351039 2003 SB_{170}	17.2	X	101.39343	74.81828	287.43877	14.15251	0.1251155	0.34827363	2.0007323	21	—	—
351040 2003 SC_{170}	16.6	X	58.86826	78.16777	343.96685	11.96651	0.1158662	0.24129152	2.5552968	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351041 2003 SU_{193}	17.3	X	112.63712	98.07116	266.40633	7.57357	0.1846544	0.23965297	2.5669309	21	—	—
351042 2003 SX_{196}	16.8	X	20.85543	152.71310	270.69961	10.98837	0.1760108	0.23162433	2.6259105	21	—	—
351043 2003 SL_{207}	15.0	X	86.55853	192.18395	191.43135	6.65050	0.3119839	0.12419340	3.9786618	21	1 25.1	20.6
351044 2003 SM_{208}	16.5	X	134.12001	22.55894	327.63793	13.35887	0.1197459	0.24250279	2.5467808	21	—	—
351045 2003 SU_{226}	16.4	X	72.26396	24.65989	23.19490	15.04096	0.0665120	0.23707857	2.5854800	21	—	—
351046 2003 SR_{227}	14.9	X	97.01687	358.69958	8.12981	9.93547	0.2755115	0.12497154	3.9621292	21	1 16.7	20.6
351047 2003 ST_{228}	17.0	X	73.68688	194.12024	184.47279	3.39813	0.2477884	0.23313008	2.6145915	21	—	—
351048 2003 SQ_{240}	17.6	X	356.74144	170.36745	287.83451	0.67047	0.0952238	0.23383523	2.6093325	21	—	—
351049 2003 SN_{244}	16.8	X	131.99793	320.86392	16.75676	6.76197	0.2787227	0.23826594	2.5768832	21	—	—
351050 2003 SG_{248}	17.1	X	76.92783	41.03969	356.93297	3.93001	0.2700348	0.23600829	2.5932908	21	—	—
351051 2003 SM_{248}	16.5	X	68.84652	1.75170	15.57261	16.22159	0.1819133	0.23285379	2.6166593	21	—	—
351052 2003 SU_{254}	17.0	X	286.79915	201.72238	192.63396	3.29752	0.1829710	0.21322805	2.7748520	21	7 27.6	20.5
351053 2003 SM_{255}	17.3	X	18.91865	58.37285	10.69926	4.93679	0.3257069	0.22893926	2.6464023	21	—	—
351054 2003 SW_{259}	16.8	X	28.24348	37.64482	33.25980	6.04803	0.2041597	0.23135819	2.6279239	21	—	—
351055 2003 SV_{273}	16.6	X	49.93528	181.30320	169.06949	9.26363	0.2409202	0.22775848	2.6555410	21	—	—
351056 2003 SP_{278}	16.3	X	260.33382	269.20769	357.92174	14.47024	0.0741881	0.24546023	2.5262828	21	1 27.3	20.1
351057 2003 SA_{291}	16.8	X	77.10225	310.53761	68.81719	2.38294	0.2218871	0.23318838	2.6141557	21	—	—
351058 2003 SH_{296}	17.3	X	45.48641	58.15087	323.86096	10.86750	0.2152550	0.22937870	2.6430212	21	—	—
351059 2003 SK_{299}	16.8	X	29.64325	116.22645	295.37943	10.60793	0.2935251	0.22901805	2.6457953	21	—	—
351060 2003 SW_{301}	16.6	X	191.57551	351.27635	337.57453	11.36556	0.0411181	0.24621596	2.5211107	21	1 25.1	20.2
351061 2003 SS_{324}	16.8	X	314.76467	247.40946	349.91646	5.52345	0.0800352	0.25276998	2.4773406	21	2 17.9	19.8
351062 2003 SO_{335}	16.9	X	40.43049	345.97715	100.21374	6.17901	0.0835701	0.23745999	2.5827106	21	—	—
351063 2003 SG_{393}	16.8	X	99.29937	324.74062	91.00392	5.91560	0.0858388	0.24267641	2.5455659	21	1 25.9	20.0
351064 2003 SQ_{401}	16.3	X	20.71799	7.71540	61.61708	22.88549	0.0450364	0.23081092	2.6320763	21	—	—
351065 2003 SX_{405}	16.3	X	312.39945	102.36955	60.70998	14.43993	0.0948545	0.23493996	2.6011463	21	—	—
351066 2003 SJ_{428}	17.5	X	334.42425	268.83848	349.09084	4.24037	0.2093469	0.26146668	2.4220986	21	3 23.4	20.0
351067 2003 SG_{430}	17.0	X	347.94574	52.74834	32.16860	5.62027	0.2086667	0.22817675	2.6522947	21	—	—
351068 2003 TS_{13}	15.8	X	71.96160	140.05719	233.26604	7.89549	0.3940228	0.23273816	2.6175259	21	—	—
351069 2003 TY_{26}	16.3	X	29.60837	250.94152	218.84003	12.95147	0.1403890	0.23876865	2.5732650	21	—	—
351070 2003 TE_{59}	16.7	X	33.03796	233.85719	186.57957	16.00558	0.1472025	0.23218735	2.6216639	21	—	—
351071 2003 UY_{8}	17.5	X	116.83232	67.29041	326.85363	17.79381	0.0915366	0.35290148	1.9832025	21	—	—
351072 2003 UF_{11}	16.9	X	211.12213	281.41708	41.94926	21.56606	0.0782695	0.35673100	1.9689838	21	1 25.8	19.9
351073 2003 UR_{11}	16.4	X	4.16495	261.48603	169.98580	28.60465	0.3277185	0.22622336	2.6675409	21	—	—
351074 2003 UW_{40}	16.4	X	55.48780	333.01338	32.88261	5.77912	0.2125018	0.22789739	2.6544618	21	—	—
351075 2003 UN_{51}	17.0	X	150.04620	25.43222	300.42652	10.75128	0.2626948	0.23999487	2.5644924	21	—	—
351076 2003 UT_{51}	17.0	X	59.62631	112.66944	297.99991	11.79986	0.1788583	0.23430390	2.6058517	21	—	—
351077 2003 UU_{53}	14.9	X	103.04668	66.13056	301.78623	8.88737	0.3262169	0.12505244	3.9604203	21	1 27.2	20.7
351078 2003 UH_{55}	17.0	X	45.74688	116.61677	282.81071	8.48647	0.2864616	0.22959961	2.6413257	21	—	—
351079 2003 US_{59}	17.2	X	25.72588	92.80641	312.04816	10.16394	0.3017857	0.22818415	2.6522374	21	—	—
351080 2003 UF_{65}	16.7	X	116.40367	259.00354	107.22897	9.61290	0.1802548	0.23848114	2.5753328	21	—	—
351081 2003 UE_{77}	17.4	X	34.99864	137.29215	276.91425	5.56527	0.2884935	0.23015515	2.6370736	21	—	—
351082 2003 UC_{83}	16.9	X	81.30680	266.58851	132.34921	4.85184	0.2270128	0.23533034	2.5982690	21	—	—
351083 2003 UR_{86}	16.3	X	63.76935	338.17064	69.59802	12.86831	0.1394403	0.23365136	2.6107012	21	—	—
351084 2003 UT_{106}	16.4	X	354.25530	185.61743	251.77228	12.02260	0.1455300	0.22655536	2.6649342	21	—	—
351085 2003 UG_{112}	16.5	X	19.07083	207.10717	190.30177	13.33622	0.1386085	0.22639916	2.6661598	21	—	—
351086 2003 UC_{122}	16.3	X	102.77307	77.01613	244.96374	11.94675	0.2646024	0.23351582	2.6117114	21	—	—
351087 2003 UX_{125}	16.8	X	56.25941	334.18206	90.84755	4.42646	0.1518811	0.23570695	2.5955005	21	—	—
351088 2003 UH_{137}	16.7	X	18.02638	334.09090	52.35901	6.06182	0.2186110	0.22515142	2.6760009	21	—	—
351089 2003 UH_{172}	17.2	X	69.28871	96.53528	255.19346	4.87424	0.1164314	0.22946591	2.6423516	21	—	—
351090 2003 UV_{174}	17.1	X	108.38311	324.18006	49.84049	5.13657	0.1501593	0.23725941	2.5841661	21	—	—
351091 2003 UC_{178}	17.8	X	89.11572	41.51952	342.95453	3.18948	0.1425719	0.23641742	2.5902980	21	—	—
351092 2003 UF_{204}	17.7	X	109.26127	298.61208	45.25474	4.95598	0.2839643	0.23507927	2.6001186	21	—	—
351093 2003 UW_{207}	16.3	X	189.96129	290.94451	30.28796	9.32166	0.1159008	0.24175344	2.5520408	21	1 18.8	20.3
351094 2003 UR_{223}	16.6	X	43.21052	1.49911	38.10826	12.91935	0.2058231	0.22855024	2.6494045	21	—	—
351095 2003 UO_{241}	17.8	X	99.36453	183.34608	187.46173	3.14781	0.1807033	0.23584491	2.5944883	21	—	—
351096 2003 UT_{243}	17.0	X	68.14499	127.24902	246.75111	2.81909	0.3466906	0.23070164	2.6329074	21	—	—
351097 2003 UM_{246}	16.5	X	63.94396	315.14693	74.65038	3.74196	0.2156400	0.23081952	2.6320109	21	—	—
351098 2003 UV_{247}	16.1	X	45.34915	333.91276	67.53824	14.94452	0.2210720	0.22929336	2.6436770	21	—	—
351099 2003 UZ_{248}	16.3	X	23.28988	243.70088	220.63539	21.35421	0.1165315	0.23653002	2.5894759	21	—	—
351100 2003 UZ_{251}	16.2	X	342.82367	251.33852	212.36597	28.07990	0.2278746	0.22781625	2.6550920	21	—	—
351101 2003 UU_{263}	17.5	X	74.40205	259.65998	136.09468	4.71863	0.2039642	0.23388605	2.6089545	21	—	—
351102 2003 UW_{267}	16.6	X	48.50531	28.59585	47.50541	16.24641	0.1954140	0.23327046	2.6135424	21	—	—
351103 2003 UC_{272}	15.8	X	98.82717	328.96361	42.84739	3.55836	0.2750342	0.12442060	3.9738168	21	1 22.7	21.5
351104 2003 UP_{282}	16.5	X	4.48925	329.29585	76.68094	13.87121	0.2806431	0.22309801	2.6923959	21	—	—
351105 2003 UT_{317}	17.7	X	56.28362	117.85344	287.74978	3.82678	0.2536016	0.23525655	2.5988122	21	—	—
351106 2003 UH_{318}	16.9	X	58.89809	315.37809	134.94314	6.87072	0.1030503	0.24028447	2.5624314	21	1 11.1	19.7
351107 2003 UX_{325}	17.1	X	19.95695	91.26919	327.22109	15.83904	0.2703753	0.23166566	2.6255982	21	—	—
351108 2003 UL_{334}	17.6	X	156.51217	88.24809	214.45273	2.79641	0.1612303	0.23914488	2.5705654	21	—	—
351109 2003 UX_{347}	17.4	X	72.04913	199.17384	169.44915	4.48140	0.1111707	0.23287975	2.6164648	21	—	—
351110 2003 UX_{352}	17.2	X	89.62643	290.92305	109.92946	3.97990	0.1161884	0.23900941	2.5715367	21	—	—
351111 2003 UK_{354}	17.2	X	57.02443	296.99446	129.64960	4.23060	0.1409194	0.23682923	2.5872944	21	—	—
351112 2003 UG_{378}	16.4	X	1.97642	103.84528	12.76135	28.84185	0.0863057	0.23775534	2.5805713	21	—	—
351113 2003 UC_{390}	17.2	X	334.40713	66.45079	114.08334	7.19692	0.0787213	0.24158623	2.5532182	21	1 2.3	20.4
351114 2003 UT_{393}	17.4	X	118.23383	322.74965	28.17269	2.60484	0.2272916	0.23629378	2.5912015	21	—	—
351115 2003 VN_{2}	16.4	X	10.87407	31.02715	22.49699	14.97807	0.1542381	0.22516623	2.6758835	21	—	—
351116 2003 VV_{8}	16.1	X	170.36202	212.80907	40.64319	11.34159	0.0707061	0.22786137	2.6547415	21	—	—
351117 2003 WR_{2}	16.3	X	14.44512	171.57897	237.70974	13.72905	0.0998409	0.22546405	2.6735267	21	—	—
351118 2003 WE_{3}	17.2	X	20.00899	204.06399	230.25227	6.84636	0.1736770	0.22965375	2.6409105	21	—	—
351119 2003 WT_{16}	16.9	X	17.21661	234.20104	232.96997	11.22327	0.0606131	0.23475287	2.6025282	21	—	—
351120 2003 WQ_{30}	17.3	X	26.10505	154.84342	273.33463	4.98367	0.1896564	0.22915393	2.6447493	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351121 2003 WE_{66}	16.5	X	33.03301	7.13259	23.61082	8.21628	0.0867384	0.22447600	2.6813661	21	—	—
351122 2003 WA_{73}	16.5	X	37.29778	15.59261	52.42326	14.11870	0.2174861	0.22991755	2.6388901	21	—	—
351123 2003 WE_{73}	16.7	X	319.71767	150.69914	299.20676	12.44057	0.1593166	0.22086915	2.7104787	21	12 16.9	19.6
351124 2003 WJ_{80}	16.5	X	29.26674	351.13821	30.27659	6.44747	0.0529619	0.22367613	2.6877546	21	12 27.8	20.1
351125 2003 WR_{82}	16.2	X	73.20455	281.47144	117.73113	17.76176	0.2072249	0.23255980	2.6188640	21	—	—
351126 2003 WF_{83}	15.6	X	38.89783	86.92936	274.76062	14.56706	0.2526524	0.22496239	2.6774998	21	—	—
351127 2003 WZ_{85}	15.8	X	16.25169	1.79257	65.16477	13.65026	0.2602724	0.22477427	2.6789935	21	—	—
351128 2003 WP_{86}	16.7	X	27.23362	162.32327	247.48166	15.60714	0.1861406	0.22635021	2.6665442	21	—	—
351129 2003 WS_{92}	17.2	X	91.56085	337.75244	13.99646	5.53207	0.2310724	0.23133844	2.6280735	21	—	—
351130 2003 WO_{101}	17.0	X	16.31338	242.59400	172.16953	11.34612	0.2701048	0.22646634	2.6656325	21	—	—
351131 2003 WL_{112}	17.8	X	46.37672	123.97464	283.04397	3.59021	0.2672565	0.22979338	2.6398406	21	—	—
351132 2003 WP_{112}	17.0	X	49.92924	100.64118	295.64877	3.45290	0.1043156	0.22847210	2.6500085	21	—	—
351133 2003 WY_{112}	16.3	X	325.53129	173.24318	256.38129	13.18780	0.1682262	0.21934519	2.7230188	21	11 28.5	19.0
351134 2003 WK_{113}	16.2	X	325.65915	57.69413	33.08796	14.31886	0.0732760	0.22379778	2.6867805	21	12 28.6	19.7
351135 2003 WX_{131}	17.1	X	83.96770	126.11584	250.09182	2.41306	0.1934951	0.23178838	2.6246714	21	—	—
351136 2003 WM_{142}	15.9	X	26.25116	334.76867	89.55885	15.08312	0.2318676	0.22548833	2.6733347	21	—	—
351137 2003 WE_{150}	16.2	X	44.12512	281.20169	77.53391	13.75296	0.2080451	0.22387896	2.6861311	21	—	—
351138 2003 WX_{152}	15.6	X	343.63392	265.20811	159.68830	29.71305	0.3558646	0.21826817	2.7319691	21	—	—
351139 2003 WX_{160}	17.8	X	307.24269	45.32170	77.38427	3.16440	0.1575615	0.22262991	2.6961686	21	—	—
351140 2003 WB_{168}	16.7	X	352.72272	233.67344	198.71638	13.02017	0.2615662	0.22452922	2.6809423	21	—	—
351141 2003 WT_{170}	16.9	X	15.56655	248.27933	186.08393	12.62412	0.2526608	0.22775061	2.6556022	21	—	—
351142 2003 XX_{15}	16.5	X	31.25869	126.00304	251.59609	8.56777	0.0858544	0.22227694	2.6990221	21	12 29.2	20.1
351143 2003 XX_{22}	16.6	X	321.83891	271.40562	289.32572	6.52963	0.1002132	0.23909462	2.5709256	21	1 9.2	19.8
351144 2003 XM_{36}	16.3	X	319.50630	95.80619	34.67710	12.90594	0.0953525	0.22547170	2.6734661	21	—	—
351145 2003 YR_{13}	17.0	X	43.05465	318.54929	63.56752	3.27744	0.2124807	0.22486659	2.6782602	21	—	—
351146 2003 YB_{15}	16.6	X	1.17252	47.34363	65.36289	13.99066	0.1528364	0.22698484	2.6615715	21	—	—
351147 2003 YY_{19}	16.3	X	296.74714	179.68777	303.07416	7.41048	0.1680201	0.21696089	2.7429323	21	12 16.4	19.2
351148 2003 YG_{28}	16.4	X	39.93417	111.26198	260.56492	11.22580	0.2010042	0.22361340	2.6882573	21	—	—
351149 2003 YE_{31}	16.1	X	58.49750	109.86088	272.18410	11.51729	0.2765507	0.22790560	2.6543981	21	—	—
351150 2003 YO_{44}	17.0	X	283.47586	204.79206	298.19453	6.39252	0.1645728	0.21664892	2.7455648	21	12 20.9	20.2
351151 2003 YC_{48}	16.2	X	77.11438	106.69870	269.87860	11.96284	0.1656615	0.22889053	2.6467779	21	—	—
351152 2003 YD_{52}	16.0	X	38.24072	342.02615	78.39030	13.35404	0.1805832	0.22735901	2.6586506	21	—	—
351153 2003 YE_{55}	17.2	X	38.90739	187.46139	231.91934	0.94108	0.2587331	0.22903902	2.6456338	21	—	—
351154 2003 YJ_{80}	16.4	X	342.70329	32.94086	89.16337	7.33055	0.2078097	0.22399542	2.6851999	21	—	—
351155 2003 YJ_{106}	16.2	X	349.27326	287.34655	121.64169	25.22424	0.2203468	0.21656993	2.7462324	21	12 24.6	19.2
351156 2003 YF_{133}	15.6	X	274.82954	232.05381	328.90913	12.10457	0.1879379	0.22085726	2.7105761	21	—	—
351157 2003 YW_{149}	16.2	X	38.35165	141.09417	286.45644	11.40541	0.2736388	0.22913723	2.6448778	21	—	—
351158 2003 YX_{160}	17.2	X	21.08670	281.77762	145.56803	5.31491	0.1496860	0.22688772	2.6623311	21	—	—
351159 2003 YF_{167}	16.0	X	249.67551	291.12450	294.58852	12.31947	0.1186189	0.22233337	2.6985654	21	—	—
351160 2003 YL_{169}	16.1	X	10.57552	336.38374	74.31895	15.81367	0.0928144	0.22172630	2.7034888	21	—	—
351161 2003 YT_{173}	16.9	X	68.93927	291.77341	72.36032	15.01696	0.1980241	0.22728485	2.6592289	21	—	—
351162 2003 YJ_{181}	16.1	X	315.22785	243.13374	270.24814	7.66926	0.1655341	0.22293797	2.6936842	21	—	—
351163 2004 AO_{6}	16.9	X	43.88917	318.49886	89.05049	3.54905	0.1009871	0.22347822	2.6893412	21	—	—
351164 2004 AL_{12}	16.9	X	315.28662	140.10462	323.16620	2.56881	0.1589021	0.21780923	2.7358054	21	12 25.6	19.6
351165 2004 AG_{19}	17.2	X	327.01469	86.96351	7.01779	2.11041	0.0485820	0.21741657	2.7390983	21	—	—
351166 2004 BQ_{2}	16.0	X	253.11477	41.97316	129.87062	15.81037	0.1129145	0.21526781	2.7572956	21	12 21.9	19.9
351167 2004 BQ_{3}	16.8	X	342.74061	8.43214	71.85302	3.92187	0.1602886	0.21837166	2.7311059	21	—	—
351168 2004 BE_{5}	16.9	X	31.80005	91.80561	315.41731	11.54403	0.2706780	0.22282019	2.6946334	21	—	—
351169 2004 BO_{11}	16.8	X	275.79794	357.77544	125.59171	5.36757	0.1570187	0.21291680	2.7775556	21	11 14.9	20.2
351170 2004 BH_{14}	16.5	X	225.03568	52.28752	133.50602	9.71434	0.2154803	0.21125248	2.7921248	21	11 23.6	20.9
351171 2004 BX_{22}	16.6	X	339.05272	10.83655	120.20739	7.00001	0.1566622	0.22328171	2.6909189	21	—	—
351172 2004 BO_{29}	16.7	X	296.65561	14.09661	78.33925	2.96991	0.1912026	0.21163087	2.7887957	21	11 1.1	19.8
351173 2004 BH_{30}	16.7	X	345.64750	107.77037	326.12118	13.56373	0.2563786	0.21802266	2.7340197	21	—	—
351174 2004 BE_{52}	16.1	X	312.72931	345.38338	146.96845	9.80129	0.2250738	0.21880320	2.7275137	21	—	—
351175 2004 BR_{52}	16.9	X	254.30928	60.84244	119.77717	4.40142	0.1275318	0.21681384	2.7441723	21	12 31.4	20.6
351176 2004 BP_{62}	17.4	X	282.26281	48.59095	110.27557	6.77212	0.1837535	0.21805802	2.7337241	21	—	—
351177 2004 BO_{64}	16.1	X	111.98089	30.18138	309.70640	10.39549	0.0836321	0.22224990	2.6992410	21	—	—
351178 2004 BM_{67}	17.0	X	308.65651	125.98807	317.60570	1.01038	0.1640501	0.21358551	2.7717551	21	11 13.4	19.7
351179 2004 BM_{76}	16.7	X	248.69661	15.36284	132.57070	9.59677	0.1328843	0.21060192	2.7978720	21	11 14.4	20.7
351180 2004 BE_{84}	16.5	X	217.98174	243.09502	326.14383	2.09272	0.1941554	0.21261593	2.7801753	21	12 14.3	20.7
351181 2004 BB_{98}	16.8	X	278.17979	331.19460	155.28331	8.82824	0.1770947	0.21002800	2.8029665	21	11 19.6	20.4
351182 2004 BP_{115}	16.6	X	306.30534	7.85205	122.45751	8.98528	0.1744714	0.21754656	2.7380071	21	—	—
351183 2004 BN_{117}	15.9	X	287.59788	31.21931	86.06669	9.14893	0.1793955	0.21302021	2.7766566	21	11 21.9	19.2
351184 2004 BJ_{150}	16.5	X	40.60687	296.09917	114.64046	7.05814	0.0431506	0.22128962	2.7070442	21	—	—
351185 2004 CE_{1}	15.8	X	255.02995	73.26660	89.91741	25.16589	0.1171271	0.21248584	2.7813099	21	12 12.6	19.4
351186 2004 CV_{28}	17.1	X	46.69682	63.46397	334.19335	4.01889	0.1621932	0.22212600	2.7002447	21	—	—
351187 2004 CB_{37}	16.4	X	255.46767	264.04016	300.81376	13.14098	0.1887132	0.21652269	2.7466317	21	—	—
351188 2004 CF_{44}	16.7	X	212.82942	83.65607	118.60443	4.71901	0.0362331	0.21171318	2.7880729	21	12 18.8	20.6
351189 2004 CM_{56}	16.4	X	221.24616	75.16614	141.15805	10.03992	0.1460451	0.21275439	2.7789690	21	12 31.8	20.6
351190 2004 CE_{67}	15.9	X	298.55749	53.10572	105.91112	15.96068	0.2219367	0.21708642	2.7418748	21	—	—
351191 2004 CF_{67}	15.5	X	286.92531	89.81952	129.54026	24.20494	0.2429712	0.22076991	2.7112910	21	—	—
351192 2004 CN_{70}	18.9	X	255.03609	193.63413	332.00265	5.35702	0.2118141	0.32614943	2.0902183	21	12 29.7	20.5
351193 2004 CH_{78}	16.4	X	357.41100	266.49355	151.62377	7.80725	0.2440267	0.21614890	2.7497974	21	—	—
351194 2004 DH_{23}	15.8	X	287.60836	322.57398	170.29569	29.42096	0.1850319	0.21105383	2.7938766	21	12 12.7	19.7
351195 2004 DK_{24}	16.4	X	335.73897	301.45717	172.27271	15.94661	0.2542887	0.21864268	2.7288484	21	—	—
351196 2004 DO_{26}	16.4	X	2.44139	307.13922	124.28400	5.91522	0.1460886	0.21751381	2.7382819	21	—	—
351197 2004 DL_{49}	16.1	X	323.36363	111.99076	350.40727	7.17663	0.2455094	0.21477836	2.7614829	21	—	—
351198 2004 DD_{52}	15.9	X	233.81218	120.68372	76.96636	13.42367	0.0995489	0.21243711	2.7817353	21	12 29.3	19.8
351199 2004 DD_{56}	16.8	X	302.49170	144.91709	319.03915	8.41161	0.0329825	0.21114413	2.7930800	21	12 9.9	20.6
351200 2004 EQ_{69}	16.7	X	285.77637	279.72360	195.34250	8.94816	0.2550230	0.21025147	2.8009801	21	11 3.0	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351201 2004 FR_{61}	16.7	X	212.07520	81.26503	166.40993	6.91997	0.2671598	0.21121286	2.7924741	21	—	—
351202 2004 FL_{116}	16.7	X	260.95740	99.83060	74.98572	8.57721	0.2122929	0.21102550	2.7941267	21	12 18.8	20.3
351203 2004 FT_{130}	17.0	X	12.15743	177.64802	99.70743	8.29917	0.1775529	0.29784007	2.2206527	21	7 28.9	18.4
351204 2004 FB_{136}	16.0	X	205.06125	22.77409	123.17114	9.26754	0.1354342	0.19514846	2.9436938	21	9 23.9	20.7
351205 2004 FE_{136}	16.3	X	72.59094	179.08281	104.91989	11.02655	0.0495731	0.19290063	2.9665178	21	10 20.9	20.6
351206 2004 GP_{59}	15.8	X	74.10688	308.62571	286.72639	9.94181	0.1951292	0.18653846	3.0335916	21	9 1.3	20.3
351207 2004 HL_{30}	17.3	X	53.28113	196.77291	43.72270	5.84015	0.0978945	0.29783409	2.2206824	21	8 9.4	19.7
351208 2004 HB_{47}	17.1	X	342.21337	280.98108	33.89815	7.50321	0.1508348	0.29699109	2.2248826	21	7 21.8	18.9
351209 2004 JY_{32}	15.1	X	334.64415	220.71358	65.74002	28.56099	0.1655965	0.17543294	3.1603023	21	5 23.5	18.9
351210 2004 JD_{40}	12.7	X	214.78274	86.04916	80.68148	24.53864	0.0053023	0.08163892	5.2626508	21	11 2.5	19.9
351211 2004 LZ_{7}	16.2	X	137.22452	141.84297	106.42309	24.31098	0.2231873	0.30751240	2.1738403	21	12 7.8	20.1
351212 2004 LM_{10}	15.8	X	294.73235	59.93044	232.76944	27.13143	0.2239835	0.16939747	3.2349292	21	3 18.4	20.9
351213 2004 MM_{3}	15.6	X	45.46445	180.50686	102.06411	7.99279	0.1121216	0.18438777	3.0571351	21	9 20.3	19.7
351214 2004 ND_{1}	17.1	X	234.17398	188.90807	167.76683	2.11016	0.2505725	0.27622785	2.3350225	21	4 5.1	21.1
351215 2004 NQ_{3}	17.5	X	60.77952	182.11566	86.71602	5.81980	0.1748939	0.29736054	2.2230394	21	10 15.3	20.3
351216 2004 NS_{22}	15.4	X	84.75363	310.42648	305.43497	22.16794	0.3190332	0.18338932	3.0682213	21	10 13.6	20.9
351217 2004 NP_{27}	17.4	X	269.20307	39.13247	297.54343	24.21124	0.1868998	0.27939273	2.3173554	21	3 31.6	21.5
351218 2004 OO_{7}	17.0	X	251.81898	6.94708	310.41383	5.81307	0.1501847	0.27529871	2.3402734	21	3 5.6	20.7
351219 2004 OR_{9}	16.7	X	359.37755	158.26145	111.70597	22.88595	0.1186112	0.28635694	2.2796294	21	6 15.8	19.0
351220 2004 PH_{2}	16.8	X	195.20302	352.90126	335.32691	10.40049	0.2312469	0.26594627	2.3948231	21	2 2.3	20.9
351221 2004 PS_{6}	17.2	X	234.56495	42.96272	299.25291	5.71084	0.1699952	0.27355260	2.3502216	21	3 18.7	20.9
351222 2004 PU_{6}	17.2	X	246.86869	144.39715	164.51692	8.88904	0.0993904	0.27138453	2.3627222	21	2 22.8	20.7
351223 2004 PG_{7}	17.3	X	347.56790	335.77198	320.17238	7.72416	0.2735927	0.28717924	2.2752757	21	6 14.2	18.5
351224 2004 PZ_{14}	15.0	X	39.25966	270.46896	350.93082	11.50965	0.1734810	0.17255384	3.1953588	21	8 21.0	19.0
351225 2004 PT_{27}	17.4	X	164.22633	277.87582	102.44443	9.26240	0.2705333	0.26570839	2.3962523	21	3 16.9	21.6
351226 2004 PU_{31}	17.3	X	175.79396	280.45153	73.87855	3.35816	0.2268903	0.26545125	2.3977995	21	2 17.3	21.1
351227 2004 PL_{36}	16.9	X	253.81440	159.50861	185.00321	5.16153	0.2829441	0.27677649	2.3319357	21	4 3.7	20.9
351228 2004 PS_{40}	17.1	X	192.88675	68.40967	306.94459	4.06273	0.2119505	0.26907775	2.3762065	21	3 24.8	21.2
351229 2004 PG_{48}	17.3	X	264.47998	166.35526	158.64242	5.30683	0.2462271	0.27697229	2.3308366	21	3 22.6	21.0
351230 2004 PM_{49}	15.4	X	30.19019	147.54229	126.33072	18.14051	0.1791448	0.17418214	3.1754136	21	8 22.5	19.2
351231 2004 PL_{52}	17.4	X	170.68162	288.90387	70.66257	3.53225	0.1814830	0.26508152	2.4000286	21	2 16.3	21.0
351232 2004 PF_{56}	15.7	X	141.72766	103.49947	164.59569	11.47104	0.1515647	0.18989689	2.9977183	21	12 15.5	20.8
351233 2004 PJ_{57}	17.3	X	226.98808	119.93429	240.35634	3.93051	0.2296526	0.27408519	2.3471761	21	4 2.9	21.3
351234 2004 PG_{74}	17.6	X	185.55135	255.51532	89.68970	3.67124	0.2163308	0.26581280	2.3956248	21	2 13.6	21.6
351235 2004 PW_{92}	17.2	X	232.91846	94.53980	236.45804	1.68396	0.2451295	0.27002646	2.3706376	21	3 3.3	21.3
351236 2004 PU_{94}	17.5	X	147.10567	54.24601	307.77719	0.81714	0.2122205	0.25987512	2.4319777	21	1 29.7	21.0
351237 2004 QL_{12}	16.8	X	291.46798	301.97796	12.61352	12.89366	0.2930797	0.27935642	2.3175562	21	3 29.4	20.0
351238 2004 RE_{5}	17.1	X	138.76519	8.34534	25.72362	7.63567	0.1311835	0.26248407	2.4158358	21	2 23.6	20.5
351239 2004 RR_{15}	17.5	X	184.23680	283.68487	95.45573	3.12496	0.2909594	0.26824805	2.3811038	21	3 28.4	21.7
351240 2004 RP_{17}	18.0	X	227.49842	269.63973	86.93839	3.92221	0.2233432	0.27231089	2.3573607	21	4 2.5	21.9
351241 2004 RA_{18}	17.5	X	159.18279	218.87654	182.04336	1.10783	0.1871004	0.26693715	2.3888930	21	3 27.9	21.0
351242 2004 RH_{26}	17.7	X	187.16384	29.77514	357.51380	4.77703	0.2029951	0.27021033	2.3695620	21	4 4.6	21.7
351243 2004 RV_{34}	16.1	X	233.72347	315.91243	354.50342	22.46956	0.2350914	0.26892726	2.3770930	21	2 16.2	20.4
351244 2004 RY_{45}	17.3	X	245.72593	181.16274	152.04177	3.28538	0.2440797	0.27306987	2.3529906	21	3 17.2	21.1
351245 2004 RT_{51}	17.5	X	196.26833	272.49876	61.75554	2.48251	0.1965317	0.26462868	2.4027658	21	2 8.4	21.3
351246 2004 RP_{56}	17.7	X	33.19707	82.29025	184.83397	5.83812	0.1564916	0.28825234	2.2696252	21	8 20.6	19.8
351247 2004 RT_{57}	15.3	X	4.34345	352.93730	327.50234	13.22859	0.1144353	0.17255715	3.1953179	21	8 30.4	19.2
351248 2004 RH_{58}	17.6	X	189.84439	324.71337	52.64348	2.34056	0.1974424	0.26789355	2.3832039	21	3 27.3	21.3
351249 2004 RT_{58}	17.1	X	213.40034	243.92620	110.84917	3.62544	0.2427731	0.26924439	2.3752260	21	3 19.7	21.1
351250 2004 RK_{60}	17.5	X	133.11574	181.21598	214.24364	1.38860	0.1910586	0.26129792	2.4231414	21	2 22.7	20.9
351251 2004 RE_{68}	16.8	X	185.06463	236.30377	161.01712	5.66476	0.2319752	0.26898786	2.3767359	21	4 18.8	20.8
351252 2004 RO_{70}	17.4	X	247.62600	311.48026	39.14908	4.90443	0.1342659	0.27476204	2.3433198	21	4 17.3	20.6
351253 2004 RZ_{75}	17.3	X	282.73229	314.29343	22.57425	6.67183	0.2168201	0.27829262	2.3234585	21	4 26.7	20.3
351254 2004 RK_{76}	15.1	X	352.81908	12.89565	14.96547	18.34381	0.2111026	0.17680774	3.1438986	21	11 9.6	18.7
351255 2004 RS_{89}	17.6	X	254.04232	138.48627	216.56630	4.41530	0.1855404	0.27770066	2.3267592	21	4 24.4	21.1
351256 2004 RP_{95}	17.3	X	243.35085	149.43391	203.62068	6.05124	0.1359116	0.27579683	2.3374547	21	4 15.2	20.8
351257 2004 RT_{97}	17.2	X	188.21790	101.79140	287.70208	3.21238	0.1970602	0.27015432	2.3698895	21	4 7.2	21.0
351258 2004 RC_{102}	17.4	X	132.08702	109.54580	290.22062	3.76842	0.1920830	0.26216983	2.4177658	21	2 26.2	20.7
351259 2004 RB_{115}	17.3	X	153.40496	8.12357	24.95824	6.68789	0.2621761	0.26390452	2.4071593	21	3 20.7	21.2
351260 2004 RS_{137}	16.8	X	161.52567	135.26297	248.59182	3.88784	0.1964154	0.26573336	2.3961022	21	3 7.5	20.5
351261 2004 RA_{141}	17.5	X	182.05956	103.06848	257.67639	1.36181	0.2362503	0.26510287	2.3998997	21	2 28.6	21.5
351262 2004 RT_{176}	17.4	X	265.92917	67.92744	272.34029	5.31564	0.1428602	0.27685996	2.3314670	21	4 20.0	20.7
351263 2004 RL_{178}	17.5	X	216.02711	130.66787	247.85317	4.31575	0.1674307	0.27328222	2.3517715	21	4 18.4	21.1
351264 2004 RA_{181}	17.0	X	200.78690	200.93942	197.91839	6.13116	0.0928516	0.27367676	2.3495107	21	5 2.9	20.3
351265 2004 RW_{184}	17.2	X	246.04646	68.11064	283.22231	5.59931	0.1417572	0.27437829	2.3455043	21	4 12.5	20.8
351266 2004 RU_{189}	17.5	X	133.17923	64.93115	346.50360	19.44782	0.1032919	0.38007972	1.8874969	21	2 16.4	19.2
351267 2004 RT_{192}	17.2	X	186.81485	46.52507	307.71992	4.09361	0.2293500	0.26424295	2.4051035	21	2 24.0	21.3
351268 2004 RB_{196}	15.4	X	30.75443	324.08485	338.67206	11.81399	0.1058405	0.17209008	3.2010970	21	9 16.5	19.5
351269 2004 RD_{204}	17.4	X	200.70735	76.03729	301.83569	7.34657	0.1959283	0.27012557	2.3700577	21	4 1.2	21.4
351270 2004 RM_{204}	17.1	X	146.32292	206.80952	210.61624	6.11820	0.1501642	0.26548141	2.3976179	21	3 31.9	20.5
351271 2004 RU_{225}	17.1	X	217.51888	189.21405	120.82362	2.25911	0.1807178	0.26444170	2.4038983	21	1 26.9	20.8
351272 2004 RT_{231}	17.8	X	222.27692	194.34288	158.49586	1.25200	0.2013041	0.26913207	2.3758868	21	3 23.6	21.7
351273 2004 RQ_{238}	18.1	X	55.60191	90.05121	177.60854	5.64394	0.1959859	0.29197353	2.2502999	21	10 7.0	20.7
351274 2004 RH_{271}	17.4	X	141.48882	76.09599	353.08731	12.30840	0.1899214	0.26719698	2.3873441	21	4 11.8	21.1
351275 2004 RR_{312}	17.3	X	240.49940	318.89556	17.53651	2.07778	0.2472391	0.27026968	2.3692151	21	3 16.8	21.4
351276 2004 RG_{335}	17.6	X	164.72740	271.70501	136.69901	1.21717	0.2134211	0.26709336	2.3879615	21	4 13.7	21.5
351277 2004 RC_{346}	17.3	X	214.19944	43.76455	293.06847	3.71352	0.2533313	0.26616427	2.3935153	21	2 24.1	21.6
351278 2004 SB_{20}	18.8	X	99.23091	209.38855	30.90859	30.27292	0.4132129	0.76610524	1.1828884	21	11 29.9	20.6
351279 2004 SJ_{20}	17.3	X	157.09501	69.44472	343.73942	1.92732	0.1897241	0.26472930	2.4021569	21	4 10.2	21.0
351280 2004 SE_{34}	17.3	X	143.77298	196.43069	194.99729	1.70752	0.2110195	0.26119332	2.4237882	21	3 3.3	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351281 2004 SX_{38}	17.3	X	192.03641	45.17157	316.88946	1.30506	0.2405539	0.26534696	2.3984277	21	3 10.4	21.3
351282 2004 SH_{56}	15.5	X	43.10441	338.48693	298.68052	13.22819	0.1591069	0.17439993	3.1727694	21	9 5.3	19.8
351283 2004 TE	17.5	X	175.33813	352.59692	25.65810	2.98184	0.1944335	0.26476530	2.4019392	21	3 15.9	21.4
351284 2004 TH_{4}	17.9	X	266.54884	298.52529	19.44291	1.43572	0.1950258	0.27120990	2.3637363	21	3 19.9	21.3
351285 2004 TX_{12}	16.9	X	36.49133	253.57752	95.44500	4.38681	0.2610786	0.23865106	2.5741102	21	12 29.6	20.4
351286 2004 TE_{13}	16.6	X	240.94124	270.34088	58.05554	12.79207	0.2940703	0.27041171	2.3683855	21	3 12.0	21.0
351287 2004 TW_{18}	17.4	X	88.14630	155.82719	320.17573	19.86744	0.0780560	0.38221732	1.8804530	21	2 25.5	18.8
351288 2004 TU_{23}	17.6	X	160.35819	149.38053	266.41256	1.88712	0.1654406	0.26710293	2.3879045	21	4 14.6	21.3
351289 2004 TN_{47}	17.2	X	202.95065	337.94006	21.89112	4.34027	0.2100750	0.26602983	2.3943217	21	3 17.2	21.1
351290 2004 TX_{61}	17.5	X	177.49881	359.40801	16.04490	2.25761	0.2253520	0.26524418	2.3990473	21	3 15.4	21.5
351291 2004 TW_{81}	17.9	X	134.53087	90.73993	353.65870	4.65734	0.1258611	0.26688625	2.3891968	21	4 19.9	21.2
351292 2004 TG_{89}	17.5	X	169.34758	276.45963	144.20816	2.03428	0.1758050	0.26873779	2.3782101	21	5 1.7	21.2
351293 2004 TV_{104}	17.3	X	188.63813	55.11398	348.93596	3.85154	0.1663989	0.26977114	2.3721332	21	4 25.8	21.2
351294 2004 TX_{105}	16.9	X	292.06950	272.81290	39.52847	7.46023	0.1446465	0.27627236	2.3347717	21	4 17.1	19.7
351295 2004 TA_{116}	17.4	X	232.37919	239.67540	121.26609	4.58611	0.2537346	0.27292031	2.3538502	21	4 10.8	21.4
351296 2004 TU_{122}	16.5	X	269.88646	281.13875	348.59145	6.55705	0.0557528	0.26560728	2.3968604	21	2 5.4	19.6
351297 2004 TC_{123}	17.6	X	211.42672	256.24533	101.40770	3.06134	0.1688392	0.26789727	2.3831819	21	3 22.0	21.3
351298 2004 TE_{124}	17.0	X	127.40969	207.70817	205.15418	6.50761	0.0945158	0.26253078	2.4155492	21	2 23.4	20.3
351299 2004 TJ_{129}	17.2	X	237.21263	247.36662	114.06421	4.42300	0.1570255	0.27244128	2.3566085	21	4 20.7	20.8
351300 2004 TE_{139}	17.3	X	280.21437	43.88914	289.07429	3.81701	0.1457014	0.27635472	2.3343078	21	4 27.5	20.3
351301 2004 TM_{192}	17.3	X	76.85862	97.23021	27.07691	6.74479	0.1018248	0.26384471	2.4075231	21	3 26.3	20.0
351302 2004 TB_{193}	17.6	X	98.14633	312.96422	168.99433	2.64820	0.1458631	0.26604881	2.3942077	21	4 30.5	20.4
351303 2004 TE_{195}	17.7	X	158.98549	119.11891	303.11637	1.36393	0.1942533	0.26590606	2.3950646	21	4 23.8	21.5
351304 2004 TH_{203}	16.4	X	106.79269	58.78373	36.97347	22.55402	0.2980451	0.25834330	2.4415816	21	4 27.7	19.7
351305 2004 TU_{213}	17.2	X	101.22401	318.99941	111.92756	1.47558	0.1895389	0.25879010	2.4387706	21	3 2.7	20.0
351306 2004 TY_{280}	16.9	X	150.59532	290.25132	49.82978	6.95161	0.1636467	0.25300892	2.4757806	21	1 1.9	20.5
351307 2004 TN_{285}	17.4	X	141.22126	15.06415	32.23685	5.38519	0.1201979	0.26220693	2.4175378	21	3 13.0	20.7
351308 2004 TJ_{309}	17.6	X	113.04129	113.72092	276.59139	7.38029	0.1958810	0.25447262	2.4662779	21	1 23.6	20.7
351309 2004 TA_{310}	17.9	X	108.16756	37.26401	53.11701	1.85395	0.1580589	0.26246124	2.4159759	21	4 2.4	20.9
351310 2004 TV_{332}	17.6	X	126.13909	66.98261	29.28217	3.04335	0.1186146	0.26413660	2.4057491	21	4 26.5	20.6
351311 2004 TQ_{342}	17.4	X	106.64642	38.84232	40.33437	13.41930	0.1727204	0.25809034	2.4431767	21	3 24.6	20.6
351312 2004 TM_{343}	17.0	X	125.87565	321.51661	59.40313	3.41526	0.1791006	0.25576038	2.4579924	21	1 27.5	20.1
351313 2004 TG_{348}	17.5	X	151.57999	195.70201	185.83765	1.16678	0.1852057	0.26357084	2.4091905	21	2 23.9	21.1
351314 2004 TG_{367}	17.4	X	115.94945	334.24440	76.88646	2.62394	0.1877821	0.25684038	2.4510971	21	2 24.8	20.6
351315 2004 TL_{369}	17.1	X	159.01110	172.06927	206.00168	3.89929	0.0255555	0.25867044	2.4395226	21	2 9.6	20.3
351316 2004 UY_{2}	17.2	X	195.76941	238.85946	100.78930	8.84674	0.2712259	0.26348220	2.4097308	21	2 18.3	21.5
351317 2004 UD_{4}	16.0	X	107.26158	133.18123	354.71736	23.17205	0.2521522	0.26420250	2.4053490	21	5 27.8	20.1
351318 2004 UC_{8}	17.3	X	151.10859	78.27516	335.07715	2.01271	0.2205260	0.26240130	2.4163438	21	4 7.3	21.0
351319 2004 VT_{2}	17.3	X	139.75767	0.87311	48.73597	3.54112	0.1687666	0.26042216	2.4285707	21	3 19.8	20.7
351320 2004 VW_{16}	17.4	X	150.94162	130.16408	254.23699	3.57545	0.1867351	0.25959313	2.4337385	21	2 25.9	21.0
351321 2004 VG_{27}	17.1	X	137.51680	178.02768	287.69322	3.85170	0.1516234	0.26717245	2.3874902	21	5 25.8	20.7
351322 2004 VV_{29}	17.6	X	113.02101	292.53120	125.49931	1.35410	0.2351263	0.25648189	2.4533805	21	3 8.4	20.6
351323 2004 VO_{33}	17.0	X	68.18583	349.32951	136.65586	3.03977	0.0933299	0.25869949	2.4393400	21	3 13.6	19.6
351324 2004 VN_{46}	17.5	X	82.95092	4.90912	104.26784	3.57514	0.1797139	0.25685636	2.4509954	21	3 28.5	20.1
351325 2004 VA_{58}	17.4	X	119.85295	213.12541	236.94972	6.83159	0.0439731	0.26216918	2.4177698	21	3 27.6	20.5
351326 2004 VW_{72}	16.9	X	174.78249	264.37595	101.12125	10.11512	0.2674197	0.26098604	2.4250714	21	3 7.3	21.2
351327 2004 VR_{75}	17.4	X	131.61850	36.47828	59.04043	22.54644	0.1021190	0.38292903	1.8781222	21	4 27.4	19.5
351328 2004 WL_{10}	16.2	X	74.44108	269.98676	255.98890	11.20712	0.1355024	0.26383202	2.4076002	21	5 25.8	19.0
351329 2004 XM_{2}	17.1	X	104.72967	123.33778	311.99811	5.32611	0.2193105	0.25622937	2.4549922	21	3 15.7	20.3
351330 2004 XH_{12}	16.9	X	124.81764	333.53820	72.82473	4.90021	0.2126184	0.25530290	2.4609279	21	3 6.3	20.4
351331 2004 XH_{29}	18.7	X	7.22332	334.05853	232.07014	22.62306	0.5029960	0.60723792	1.3811159	21	—	—
351332 2004 XH_{41}	16.9	X	14.62592	111.88576	71.73957	8.06634	0.1700547	0.25530811	2.4608944	21	3 3.7	19.2
351333 2004 XV_{48}	16.9	X	184.03918	47.14663	300.68206	11.45515	0.2537140	0.25533630	2.4607132	21	2 14.4	21.3
351334 2004 XZ_{88}	16.4	X	93.17181	315.89331	55.27569	5.66154	0.1482141	0.24169680	2.5524395	21	—	—
351335 2004 XB_{102}	17.5	X	141.41177	320.43278	123.98288	21.61436	0.1481662	0.38112422	1.8840468	21	5 3.6	20.3
351336 2004 XM_{102}	16.2	X	339.83278	182.60090	314.36238	11.98824	0.1454838	0.24355852	2.5394159	21	—	—
351337 2004 XQ_{140}	16.4	X	71.55446	253.60497	112.36552	13.50247	0.2961410	0.24008577	2.5638450	21	—	—
351338 2004 XR_{163}	16.5	X	318.04207	96.12944	84.02595	5.78289	0.1493482	0.24154525	2.5535070	21	—	—
351339 2004 XF_{183}	15.7	X	60.52279	6.39302	42.39311	3.44864	0.2680033	0.12416099	3.9793543	21	1 13.9	20.4
351340 2004 YC_{5}	18.1	X	85.27127	27.12398	334.57983	11.39781	0.6172826	0.36767784	1.9297057	21	—	—
351341 2005 AY_{5}	17.0	X	47.50603	12.99687	46.74656	4.32184	0.1681459	0.24047151	2.5611025	21	—	—
351342 2005 AZ_{8}	16.5	X	48.42533	100.14941	303.56268	10.83641	0.0499895	0.23706984	2.5855435	21	—	—
351343 2005 AS_{21}	16.6	X	49.83089	331.70800	104.49065	6.95511	0.2339341	0.24321212	2.5418265	21	—	—
351344 2005 AD_{24}	17.0	X	37.41260	273.39469	170.18544	5.03371	0.2570803	0.24189288	2.5510599	21	—	—
351345 2005 AO_{27}	17.4	X	102.61166	248.12066	110.52667	24.37508	0.0880316	0.35767365	1.9655228	21	—	—
351346 2005 AX_{30}	15.9	X	37.07173	38.87925	78.13031	13.76247	0.1815711	0.24240713	2.5474507	21	1 9.1	18.2
351347 2005 AO_{40}	16.8	X	42.99960	204.06017	316.69898	12.01416	0.1017403	0.25241292	2.4796763	21	3 15.6	19.7
351348 2005 AC_{46}	16.9	X	58.72246	163.89849	337.79668	20.20778	0.0659214	0.37207032	1.9144882	21	2 22.1	18.2
351349 2005 AT_{48}	16.2	X	265.49152	63.42988	125.28676	13.48684	0.1033431	0.23361771	2.6109519	21	—	—
351350 2005 AV_{53}	16.7	X	8.56378	206.92053	308.91960	31.43629	0.1742555	0.24349414	2.5398635	21	1 14.0	19.6
351351 2005 AV_{65}	16.1	X	152.76309	172.18256	124.57950	12.83610	0.0702094	0.23421945	2.6064781	21	—	—
351352 2005 AP_{76}	17.0	X	25.91119	332.50691	83.50624	4.02974	0.1959552	0.23513413	2.5997141	21	—	—
351353 2005 BA	16.8	X	36.71535	318.96413	134.94055	15.13008	0.1592334	0.24304613	2.5429837	21	—	—
351354 2005 BZ_{6}	16.5	X	333.37205	137.14741	332.36021	8.67054	0.0830998	0.23394280	2.6085326	21	—	—
351355 2005 BE_{20}	16.2	X	99.39516	38.22911	345.64329	4.27331	0.2406316	0.24314472	2.5422962	21	1 7.1	18.9
351356 2005 BJ_{23}	17.1	X	304.61679	190.53297	334.56695	5.79630	0.1599439	0.23433836	2.6055963	21	—	—
351357 2005 BV_{24}	16.6	X	332.07796	162.77152	300.44732	8.99466	0.0523192	0.23202894	2.6228570	21	—	—
351358 2005 BQ_{38}	17.4	X	302.77298	106.51745	115.69833	4.99613	0.0584784	0.24516758	2.5282928	21	1 17.3	20.5
351359 2005 BX_{48}	17.0	X	1.45494	205.21885	323.18501	5.12214	0.1112963	0.24526593	2.5276168	21	1 21.1	19.8
351360 2005 CF_{2}	16.6	X	321.81049	54.11117	105.23045	14.40959	0.1231638	0.23693040	2.5865578	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351361 2005 CO_3	17.3	X	351.11886	82.82448	34.57726	3.55790	0.1741751	0.23548622	2.5971222	21	—	—
351362 2005 CX_7	17.1	X	20.81189	222.85245	307.64375	18.83691	0.0748680	0.37092006	1.9184442	21	1 26.7	18.1
351363 2005 CZ_7	16.7	X	338.28973	99.10663	96.78422	8.01706	0.1237278	0.24611530	2.5217980	21	1 20.7	19.7
351364 2005 CX_{11}	16.2	X	350.88611	53.81340	121.98285	10.21025	0.0691139	0.24338426	2.5406279	21	1 20.0	19.2
351365 2005 CN_{19}	16.9	X	337.20114	223.13158	284.57335	2.83082	0.1951444	0.23758671	2.5817922	21	—	—
351366 2005 CQ_{31}	16.8	X	219.21257	180.84967	122.55251	6.15473	0.2030793	0.24136677	2.5547656	21	1 23.5	21.2
351367 2005 CD_{40}	16.7	X	253.62134	109.16443	130.75872	5.16674	0.1873921	0.23377339	2.6097926	21	—	—
351368 2005 CR_{61}	17.3	X	124.02287	267.52438	144.87625	23.75310	0.1388680	0.36759640	1.9299907	21	2 5.8	18.8
351369 2005 CY_{67}	16.5	X	303.78464	234.45936	312.89850	8.69320	0.0730073	0.23821464	2.5772532	21	—	—
351370 2005 EY	17.1	X	16.14304	185.76040	62.39989	17.22551	0.8907834	0.24689144	2.5165102	21	11 9.4	21.0
351371 2005 EM_{11}	17.4	X	351.84478	170.54768	13.58507	5.80413	0.2410658	0.24262320	2.5459380	21	1 8.5	20.2
351372 2005 EU_{11}	17.1	X	334.30572	16.63399	133.25954	5.62782	0.2221788	0.23612502	2.5924360	21	—	—
351373 2005 ER_{24}	17.1	X	359.24650	25.64202	141.55503	7.85747	0.1830053	0.24088983	2.5581367	21	1 6.1	19.8
351374 2005 EM_{26}	17.6	X	3.70004	154.61244	352.93290	5.28463	0.2141644	0.23980360	2.5658558	21	—	—
351375 2005 EB_{41}	16.1	X	8.60359	48.43720	101.45177	15.07801	0.1366627	0.24098995	2.5574281	21	1 4.9	18.9
351376 2005 EJ_{61}	16.5	X	338.69107	208.73601	297.55429	6.27073	0.1325761	0.23509138	2.6000293	21	—	—
351377 2005 EU_{66}	16.7	X	46.91460	47.66065	348.18363	12.03547	0.1895583	0.22982433	2.6396036	21	—	—
351378 2005 EM_{67}	16.7	X	305.14574	41.82180	165.70931	9.91966	0.1462094	0.23674594	2.5879012	21	—	—
351379 2005 EX_{67}	16.2	X	262.26227	233.09836	353.99129	12.35323	0.1845795	0.23063181	2.6334389	21	—	—
351380 2005 ER_{68}	16.3	X	281.60972	311.82388	261.83505	6.56745	0.1432882	0.23428057	2.6060247	21	—	—
351381 2005 EL_{84}	16.7	X	67.85241	84.46544	354.73410	8.85847	0.2280640	0.24488047	2.5302686	21	1 26.7	19.0
351382 2005 ER_{87}	17.5	X	35.81505	86.33754	358.20427	3.48683	0.1900473	0.23525291	2.5988390	21	—	—
351383 2005 EX_{91}	17.1	X	141.70494	22.77215	0.77519	20.00729	0.0817476	0.36153091	1.9515174	21	1 20.3	19.6
351384 2005 EL_{94}	17.7	X	12.57225	188.38697	325.96716	4.29667	0.1867418	0.24278701	2.5447928	21	1 12.5	20.1
351385 2005 EL_{129}	16.8	X	144.49191	320.73706	296.43755	2.68778	0.0545571	0.21877602	2.7277395	21	12 7.9	20.8
351386 2005 EB_{133}	16.4	X	327.14072	35.46895	128.24870	18.31681	0.0959844	0.23618525	2.5919952	21	—	—
351387 2005 EX_{136}	16.2	X	322.96591	120.31413	19.35024	13.40733	0.1022889	0.22833237	2.6510895	21	—	—
351388 2005 EQ_{159}	17.6	X	43.21242	257.99712	176.98332	4.91110	0.2544535	0.23647141	2.5899037	21	—	—
351389 2005 EO_{174}	17.6	X	255.09005	337.40167	272.75036	2.70844	0.1458074	0.23370451	2.6103054	21	—	—
351390 2005 EN_{182}	16.7	X	272.86744	249.54548	349.48105	16.68192	0.2501293	0.23359267	2.6111385	21	—	—
351391 2005 EO_{198}	16.4	X	37.26567	10.73495	1.81574	6.15860	0.0304888	0.21798398	2.7343431	21	12 22.3	20.1
351392 2005 EQ_{198}	16.5	X	30.40955	55.26773	4.66431	8.91608	0.1236043	0.22642213	2.6659795	21	—	—
351393 2005 ES_{215}	16.5	X	233.84367	99.90272	156.21314	6.53734	0.1833886	0.23114158	2.6295655	21	—	—
351394 2005 EM_{222}	16.8	X	301.33859	133.13641	114.78378	3.31092	0.1160456	0.24744442	2.5127596	21	2 9.6	20.1
351395 2005 EU_{224}	16.4	X	352.81022	51.09880	88.84436	22.48011	0.1208989	0.23429698	2.6059031	21	—	—
351396 2005 ES_{230}	17.5	X	357.44375	149.15129	13.80518	3.14804	0.1407411	0.24112138	2.5564986	21	1 4.2	20.5
351397 2005 ET_{234}	17.3	X	48.50860	279.80404	162.31811	9.48094	0.2111863	0.23885320	2.5726577	21	—	—
351398 2005 EP_{240}	14.7	X	307.05049	304.41904	280.38045	4.09703	0.1182964	0.12406905	3.9813200	21	2 8.2	20.2
351399 2005 ET_{240}	16.8	X	312.81942	78.72796	154.15385	13.28214	0.1407279	0.24558612	2.5254194	21	1 30.5	20.2
351400 2005 EY_{241}	16.8	X	298.31350	150.92014	13.38187	14.71122	0.2037094	0.23107514	2.6300695	21	—	—
351401 2005 EA_{246}	17.2	X	345.08255	352.20611	170.01510	3.66954	0.0893940	0.23706427	2.5855840	21	—	—
351402 2005 ET_{250}	16.6	X	277.36117	117.24634	126.42046	5.04919	0.2522896	0.23667706	2.5884033	21	—	—
351403 2005 ES_{253}	16.6	X	308.91065	197.66914	328.87127	7.64080	0.1298746	0.23353897	2.6115387	21	—	—
351404 2005 EA_{263}	17.0	X	251.64401	21.11345	210.32770	3.33623	0.2000868	0.22988193	2.6391627	21	—	—
351405 2005 EB_{265}	17.6	X	326.50532	332.50949	207.15017	4.00917	0.1563624	0.23605926	2.5929174	21	—	—
351406 2005 FS	16.8	X	293.20302	345.29990	201.38244	4.60644	0.1784294	0.23344807	2.6122166	21	—	—
351407 2005 FZ_7	16.2	X	270.74507	83.64071	140.49909	12.90170	0.2477580	0.23027691	2.6361440	21	—	—
351408 2005 FN_{11}	16.2	X	177.20605	150.38757	82.52896	14.69670	0.0877390	0.21711178	2.7416612	21	12 12.3	20.1
351409 2005 FP_{12}	16.5	X	315.49486	151.64812	38.77669	11.78842	0.1800949	0.23644661	2.5900848	21	—	—
351410 2005 FO_{14}	16.3	X	319.69605	111.25182	50.61302	13.41716	0.1183928	0.23480992	2.6021067	21	—	—
351411 2005 GB_2	16.3	X	347.79438	96.86647	89.11201	13.77541	0.1095521	0.24146933	2.5540422	21	1 25.8	19.5
351412 2005 GD_7	17.1	X	281.92413	34.04042	114.39536	3.26814	0.1431614	0.22233449	2.6985563	21	12 29.9	20.2
351413 2005 GJ_7	16.9	X	162.58574	112.64240	110.69488	3.61143	0.0853380	0.21226302	2.7832560	21	11 15.9	21.1
351414 2005 GT_7	15.9	X	187.06704	98.67298	123.40738	10.24434	0.1613383	0.21598214	2.7512126	21	12 5.7	20.4
351415 2005 GR_{22}	16.6	X	290.21457	119.42414	94.97765	5.86677	0.2144523	0.23248381	2.6194347	21	—	—
351416 2005 GZ_{23}	17.2	X	32.09778	68.26373	12.07846	1.03958	0.1005638	0.23232094	2.6206588	21	—	—
351417 2005 GJ_{25}	17.3	X	332.87487	276.34688	209.50420	1.15142	0.0442658	0.22614072	2.6681908	21	—	—
351418 2005 GE_{33}	17.3	X	336.23007	232.33020	320.65991	2.57074	0.1686633	0.23778323	2.5803695	21	1 8.7	20.3
351419 2005 GF_{37}	16.8	X	262.37297	119.60064	112.76806	13.12213	0.2436171	0.22970841	2.6404915	21	—	—
351420 2005 GE_{38}	16.8	X	350.37876	197.60667	307.52433	3.19720	0.1582496	0.23431244	2.6057884	21	—	—
351421 2005 GU_{40}	16.8	X	245.23249	27.66879	194.46508	7.65579	0.1391279	0.22554564	2.6728818	21	—	—
351422 2005 GA_{43}	16.9	X	292.15946	124.05365	71.56808	9.16072	0.1643213	0.23169937	2.6253436	21	—	—
351423 2005 GL_{45}	16.9	X	310.89357	116.47445	56.42380	9.81832	0.1365456	0.23179836	2.6245961	21	—	—
351424 2005 GL_{48}	17.1	X	221.93450	69.87549	174.62288	2.44719	0.0893239	0.22548549	2.6733571	21	—	—
351425 2005 GT_{65}	16.2	X	178.18284	161.81763	108.83163	11.51017	0.2417229	0.22129478	2.7070022	21	—	—
351426 2005 GC_{66}	16.7	X	66.71394	160.30318	198.54785	5.76913	0.0642237	0.21938781	2.7226661	21	—	—
351427 2005 GN_{80}	16.3	X	159.15657	111.38410	178.33990	8.44921	0.1784573	0.21921481	2.7240984	21	—	—
351428 2005 GX_{104}	17.2	X	271.52328	44.58305	180.55925	5.29347	0.1907929	0.23052652	2.6342406	21	—	—
351429 2005 GV_{111}	15.9	X	280.56550	314.12350	202.21962	28.12674	0.1645334	0.22246045	2.6975376	21	12 31.1	19.7
351430 2005 GD_{119}	16.4	X	324.37162	109.39478	47.07835	5.14461	0.1243308	0.23083550	2.6318895	21	—	—
351431 2005 GR_{122}	16.7	X	48.33723	49.47731	354.47369	8.33489	0.1264415	0.22926159	2.6439212	21	—	—
351432 2005 GO_{150}	16.6	X	20.00910	324.04236	76.70735	6.64059	0.0400430	0.21631032	2.7484292	21	—	—
351433 2005 GD_{160}	16.7	X	251.34162	140.89137	49.14265	10.17012	0.1115185	0.22165542	2.7040651	21	—	—
351434 2005 GD_{163}	16.6	X	342.21020	356.41760	132.73495	4.45272	0.0336039	0.22664527	2.6642293	21	—	—
351435 2005 GK_{173}	16.7	X	226.51421	86.24211	87.76854	4.28217	0.1272723	0.21599613	2.7510939	21	11 19.8	20.7
351436 2005 GJ_{210}	16.1	X	190.96794	157.56169	121.46769	18.59764	0.1071702	0.22439151	2.6820391	21	—	—
351437 2005 GS_{227}	16.4	X	195.73351	184.02096	54.52640	4.95052	0.0630050	0.21921393	2.7241057	21	—	—
351438 2005 HG_1	16.5	X	30.92015	351.02661	43.17712	6.30748	0.0198844	0.21833386	2.7314211	21	—	—
351439 2005 HD_2	17.1	X	241.86703	44.59313	183.38506	5.19614	0.1906121	0.22427064	2.6830026	21	—	—
351440 2005 HX_2	17.1	X	26.21518	337.34522	221.92817	8.07832	0.1387964	0.24523493	2.5278298	21	4 18.4	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351441 2005 JY_8	17.1	X	332.75957	8.71903	34.33630	4.75223	0.2004180	0.21167845	2.7883778	21	11 2.8	19.4
351442 2005 JD_{16}	15.4	X	14.92103	131.67354	65.07634	9.71492	0.0984451	0.18211851	3.0824781	21	4 8.9	19.3
351443 2005 JR_{35}	16.7	X	88.78799	249.70843	146.70911	5.72266	0.0242056	0.22468757	2.6796825	21	—	—
351444 2005 JP_{54}	16.6	X	200.60101	64.40338	196.53272	10.91556	0.0450865	0.22199467	2.7013096	21	—	—
351445 2005 JL_{78}	17.2	X	265.88454	15.62127	197.09057	7.74470	0.2176861	0.22641730	2.6660174	21	—	—
351446 2005 JB_{103}	16.4	X	45.45035	16.34056	171.63598	12.09577	0.1838701	0.24540011	2.5266953	21	5 19.4	19.1
351447 2005 JV_{108}	15.4	X	306.61540	107.80045	115.18136	29.69896	0.3182129	0.23014944	2.6371172	21	—	—
351448 2005 JS_{118}	16.7	X	353.29681	294.72140	104.58122	7.50090	0.0584769	0.20897248	2.8123972	21	11 29.7	20.3
351449 2005 JA_{141}	16.6	X	225.28533	115.19946	139.68529	13.54415	0.2399994	0.22358837	2.6884579	21	—	—
351450 2005 JN_{141}	16.8	X	170.96739	199.34306	80.06978	5.63326	0.0564624	0.21876144	2.7278607	21	—	—
351451 2005 JO_{160}	16.9	X	1.43841	20.72274	70.21863	7.26421	0.0487778	0.22166575	2.7039811	21	—	—
351452 2005 JW_{160}	16.3	X	220.18115	78.38521	99.97233	7.30452	0.0826148	0.21295596	2.7772151	21	11 23.7	20.2
351453 2005 KY_{10}	16.1	X	158.02889	8.54749	268.39740	12.97061	0.1345603	0.21548199	2.7554682	21	—	—
351454 2005 KW_{13}	15.4	X	323.67019	215.58205	116.15728	18.85089	0.2122482	0.18214079	3.0822266	21	6 28.2	19.0
351455 2005 LU_8	16.3	X	84.08242	274.87421	79.22134	7.14827	0.0166722	0.21682028	2.7441180	21	—	—
351456 2005 LB_{28}	16.6	X	220.97445	101.05586	127.70529	13.58065	0.1653939	0.21880850	2.7274697	21	—	—
351457 2005 MA_{22}	16.9	X	246.09799	114.59640	119.96784	4.10516	0.2061766	0.21878685	2.7276496	21	—	—
351458 2005 MJ_{22}	16.0	X	339.09138	222.67192	126.04253	9.96488	0.0523008	0.18770907	3.0209663	21	9 2.1	20.0
351459 2005 MB_{28}	15.9	X	250.67631	96.59466	264.79440	10.75115	0.1355976	0.17420788	3.1751008	21	5 9.1	20.8
351460 2005 MF_{36}	16.5	X	37.22708	8.43971	309.35697	11.21930	0.1366916	0.19330119	2.9624182	21	10 18.8	20.6
351461 2005 MO_{39}	15.9	X	276.84738	67.96281	297.31080	10.08063	0.1967074	0.17755418	3.1350811	21	6 5.1	20.5
351462 2005 NL_{10}	16.2	X	228.33621	79.88223	119.53550	5.21476	0.0418524	0.20873878	2.8144959	21	—	—
351463 2005 NH_{30}	15.9	X	357.94665	9.76298	308.62039	5.50000	0.1253068	0.18699185	3.0286861	21	8 18.9	19.4
351464 2005 NG_{35}	16.2	X	292.97204	272.52395	92.52831	2.15410	0.2416827	0.18045523	3.1013902	21	6 18.5	20.3
351465 2005 NB_{40}	16.5	X	9.98458	22.89089	271.11320	2.83785	0.0516111	0.18650226	3.0339842	21	8 2.9	20.5
351466 2005 NZ_{65}	16.1	X	275.47576	67.04652	299.40310	13.74530	0.1423982	0.17815779	3.1279959	21	6 13.3	20.8
351467 2005 NX_{94}	15.6	X	297.68787	168.58899	162.68863	9.95388	0.0905910	0.17471380	3.1689684	21	6 5.8	20.1
351468 2005 NY_{122}	15.4	X	277.58630	36.52153	319.07002	22.69323	0.2338144	0.17587408	3.1550154	21	5 13.7	20.7
351469 2005 OG_1	15.7	X	277.69314	285.28340	61.65049	14.66665	0.2701295	0.17439004	3.1728894	21	5 7.6	20.5
351470 2005 OU_8	15.9	X	300.25289	101.07284	276.33211	7.96853	0.1187971	0.18402967	3.0610997	21	8 1.5	20.0
351471 2005 PU_8	15.8	X	18.46342	297.48847	353.68875	8.68575	0.0650813	0.18399952	3.0614341	21	8 15.7	19.7
351472 2005 PW_{11}	15.7	X	268.61261	40.85795	336.10783	16.14808	0.2380917	0.17565767	3.1576062	21	6 3.7	20.9
351473 2005 PW_{21}	16.0	X	286.07807	28.94819	314.17685	4.60437	0.1836994	0.17543986	3.1602191	21	5 20.3	20.5
351474 2005 PW_{23}	16.6	X	336.10716	313.53566	19.15250	1.64555	0.1990780	0.18176877	3.0864307	21	7 25.9	19.7
351475 2005 PH_{27}	15.8	X	240.08163	267.56298	113.08426	7.96034	0.0447959	0.17426881	3.1743607	21	6 2.7	20.5
351476 2005 QQ_7	17.9	X	322.48050	177.18262	151.34929	4.42457	0.1715974	0.30271503	2.1967471	21	6 24.2	19.8
351477 2005 QU_{13}	15.6	X	303.46954	19.26921	341.57460	10.84776	0.1450944	0.17909837	3.1170347	21	7 15.8	19.7
351478 2005 QG_{18}	16.2	X	341.16496	170.71589	162.04360	3.47200	0.1683894	0.18064985	3.0991622	21	8 6.5	19.5
351479 2005 QU_{35}	17.4	X	284.41172	34.96959	356.47283	7.68010	0.1895266	0.30322231	2.1942964	21	7 24.9	19.9
351480 2005 QV_{39}	15.6	X	310.79695	13.39217	307.81616	16.43914	0.1980203	0.17676137	3.1444484	21	5 21.5	20.0
351481 2005 QQ_{59}	16.1	X	278.80503	348.34270	358.59437	11.08252	0.1633331	0.17169456	3.2060111	21	5 17.1	20.9
351482 2005 QJ_{79}	17.8	X	318.41000	135.49126	220.84037	1.85885	0.1996651	0.30501772	2.1856771	21	7 28.6	19.2
351483 2005 QY_{95}	15.7	X	223.89463	82.67222	343.94721	15.97832	0.1189373	0.17597138	3.1538524	21	7 7.0	20.8
351484 2005 QC_{97}	16.1	X	1.46029	2.03045	353.18558	9.82083	0.0986940	0.18920254	3.0050480	21	10 10.8	19.9
351485 2005 QO_{100}	16.4	X	330.21362	124.42333	200.77226	3.75855	0.1858234	0.17956663	3.1116133	21	7 3.7	20.0
351486 2005 QJ_{102}	16.2	X	2.77757	33.86968	323.70838	10.07778	0.0576828	0.18878237	3.0095052	21	10 10.8	20.4
351487 2005 QE_{103}	16.3	X	30.78575	329.65353	323.43160	8.98699	0.0451555	0.18291577	3.0735146	21	8 30.1	20.4
351488 2005 QK_{103}	16.2	X	230.51120	139.94580	270.66134	3.38732	0.1822128	0.17209014	3.2010961	21	6 15.9	21.2
351489 2005 QZ_{110}	15.9	X	232.81820	90.04131	348.97863	8.99700	0.0604758	0.17780065	3.1321832	21	8 6.4	20.5
351490 2005 QL_{112}	16.3	X	31.94169	108.94437	184.79422	7.02347	0.0872415	0.18324421	3.0698409	21	9 6.6	20.2
351491 2005 QO_{119}	16.3	X	247.02947	272.81260	125.72482	2.06268	0.1485094	0.17492952	3.1663626	21	6 20.4	21.1
351492 2005 QW_{125}	15.5	X	154.74814	149.85556	344.34778	15.48050	0.1105967	0.17523634	3.1626655	21	7 22.8	20.6
351493 2005 QH_{128}	16.8	X	251.18174	12.98096	14.76180	5.45211	0.1532547	0.17314397	3.1880941	21	6 10.2	21.7
351494 2005 QT_{147}	16.0	X	6.29905	215.54502	100.60506	9.99254	0.2121029	0.18570564	3.0426545	21	9 12.2	19.2
351495 2005 QZ_{149}	15.7	X	265.82196	33.70565	6.37954	11.70206	0.0743791	0.17630521	3.1498699	21	7 27.6	20.3
351496 2005 QR_{153}	15.7	X	299.58855	334.10454	36.52416	9.95576	0.1003534	0.17885372	3.1198765	21	7 30.4	20.0
351497 2005 QQ_{163}	17.5	X	340.60205	326.35684	33.65596	5.44368	0.0571334	0.30901556	2.1667850	21	10 4.2	19.4
351498 2005 QC_{166}	17.3	X	303.52843	262.30883	117.44880	5.12306	0.1579404	0.30334366	2.1937111	21	8 14.6	19.0
351499 2005 QN_{167}	15.4	X	345.37684	54.91636	277.14523	21.07195	0.1264569	0.18456294	3.0552005	21	8 7.1	19.3
351500 2005 QN_{182}	18.2	X	1.33316	17.95702	339.23423	3.64891	0.0797502	0.31351512	2.1460033	21	11 4.7	20.2
351501 2005 QQ_{188}	15.9	X	310.23117	13.76425	350.96026	11.70739	0.0976042	0.18161576	3.0881640	21	8 8.2	19.9
351502 2005 RA_4	17.4	X	287.37464	223.94728	147.65611	7.68280	0.2105546	0.29990831	2.2104314	21	6 22.7	20.1
351503 2005 RS_7	15.9	X	183.21496	129.37678	185.90341	14.04296	0.1488041	0.21268232	2.7795967	21	1 7.9	20.6
351504 2005 RY_{13}	17.9	X	251.37268	133.24925	285.19865	0.77257	0.0687359	0.30402203	2.1904466	21	8 3.5	20.5
351505 2005 RW_{14}	16.1	X	283.84809	9.03603	345.01056	8.91571	0.0934549	0.17479963	3.1679310	21	6 14.4	20.7
351506 2005 RQ_{26}	17.6	X	280.40185	211.32673	174.94713	5.13299	0.1547210	0.30163062	2.2020090	21	7 13.2	20.2
351507 2005 RK_{29}	15.7	X	260.99277	72.51079	352.15717	8.95232	0.0365892	0.18078897	3.0975721	21	8 25.6	20.0
351508 2005 RN_{33}	19.6	X	310.45385	300.13355	100.68175	7.19051	0.2564533	0.43166418	1.7339585	21	11 26.2	18.6
351509 2005 RS_{33}	18.0	X	312.50936	177.47637	192.36394	4.21887	0.1112792	0.30377284	2.1916444	21	8 20.8	20.0
351510 2005 RF_{41}	16.0	X	290.61875	10.13782	342.19124	9.40908	0.0926805	0.17557499	3.1585975	21	6 22.0	20.5
351511 2005 RR_{44}	15.4	X	339.17485	46.52651	276.92852	8.75929	0.1581696	0.17764212	3.1340464	21	7 20.4	19.0
351512 2005 RH_{46}	16.0	X	4.13982	174.04369	142.30607	10.64613	0.1037579	0.17843434	3.1247631	21	8 27.1	19.7
351513 2005 SH_{43}	17.2	X	278.40780	350.25353	358.27617	6.58107	0.1274639	0.29489705	2.2354027	21	5 18.2	20.0
351514 2005 SW_{47}	15.8	X	291.62252	0.60715	359.56118	7.95249	0.2020482	0.17390129	3.1788315	21	6 16.2	20.2
351515 2005 SV_{54}	16.1	X	213.64812	249.80279	191.30328	2.57559	0.0769148	0.17077314	3.2175330	21	7 13.6	21.0
351516 2005 SN_{67}	15.9	X	139.44801	346.79055	189.39156	9.07276	0.0147066	0.17730821	3.1379799	21	8 14.8	20.4
351517 2005 ST_{74}	15.8	X	157.12317	104.27605	1.12205	5.41939	0.0273008	0.16885708	3.2418272	21	6 10.2	20.5
351518 2005 SO_{84}	16.4	X	283.29482	143.75819	223.08346	0.61033	0.1250039	0.17336836	3.1853426	21	6 25.9	20.6
351519 2005 SF_{103}	17.7	X	239.96817	120.23690	244.08804	2.62246	0.1820703	0.29056888	2.2575462	21	4 21.4	21.1
351520 2005 SH_{108}	17.9	X	220.63654	130.68857	9.73571	6.60066	0.0507606	0.30935497	2.1651998	21	10 21.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351521 2005 SL_{118}	15.9	X	263.40440	289.28564	44.94106	7.73264	0.1882200	0.16732912	3.2615324	21	4 17.2	20.9
351522 2005 SQ_{118}	17.0	X	115.57985	355.14306	33.46968	13.15303	0.2268026	0.27239366	2.3568831	21	2 1.5	20.1
351523 2005 SC_{119}	15.4	X	14.68031	151.37355	161.30056	17.32397	0.1307008	0.18162432	3.0880670	21	9 10.9	19.1
351524 2005 SO_{126}	16.6	X	51.29863	250.04696	351.60673	1.30337	0.0637487	0.17458769	3.1704943	21	7 26.2	20.7
351525 2005 SY_{129}	17.8	X	288.71462	157.47805	230.61539	3.05880	0.1703288	0.30208431	2.1998037	21	7 26.7	19.9
351526 2005 SY_{130}	18.2	X	285.69225	176.46697	194.96162	3.04656	0.1807956	0.29892116	2.2152952	21	6 24.8	20.8
351527 2005 SG_{137}	18.2	X	230.72328	325.96307	167.19923	3.43723	0.0651224	0.31021768	2.1611837	21	10 25.9	20.5
351528 2005 SU_{140}	16.2	X	191.11902	26.68422	72.44671	2.98946	0.0298016	0.17224298	3.1992023	21	7 13.8	20.9
351529 2005 SJ_{141}	15.5	X	305.94922	338.81995	19.10293	21.27614	0.0657247	0.17561099	3.1581657	21	8 2.1	20.2
351530 2005 SF_{166}	17.7	X	296.39420	226.23434	105.63256	4.15076	0.1964167	0.29728302	2.2234258	21	5 11.2	20.3
351531 2005 SC_{173}	17.5	X	221.45861	215.20565	230.47896	4.48276	0.0991856	0.30002221	2.2098720	21	7 28.3	20.4
351532 2005 SA_{188}	16.5	X	338.17013	163.45992	159.07896	1.29257	0.1807950	0.17684099	3.1435045	21	7 16.3	19.8
351533 2005 SL_{193}	17.4	X	216.57638	32.49214	12.68729	6.36483	0.1170632	0.29074577	2.2566305	21	5 25.1	20.8
351534 2005 SM_{194}	15.9	X	260.41582	157.09607	210.06530	3.16021	0.1794065	0.17219336	3.1998168	21	5 23.6	20.8
351535 2005 SS_{194}	15.7	X	266.64153	53.07904	351.42331	10.02262	0.1092021	0.17834058	3.1258581	21	7 28.3	20.2
351536 2005 SC_{195}	15.7	X	258.58415	75.40685	308.93299	24.75953	0.2573064	0.17375252	3.1806458	21	6 2.7	21.2
351537 2005 SP_{212}	16.2	X	303.10048	142.42951	206.61649	5.14234	0.2079867	0.17377380	3.1803861	21	6 17.3	20.3
351538 2005 SD_{220}	15.1	X	340.16970	23.52639	307.17488	17.26532	0.1742232	0.17838215	3.1253724	21	8 1.3	18.5
351539 2005 SS_{250}	17.7	X	245.46103	292.74244	104.71909	3.68454	0.1575331	0.29758732	2.2219099	21	6 13.9	20.8
351540 2005 SD_{259}	17.9	X	128.40440	268.89658	280.78101	3.12139	0.0881205	0.30227904	2.1988589	21	9 2.6	20.9
351541 2005 SC_{263}	18.0	X	338.66631	230.10854	141.80959	2.00580	0.1304332	0.30868400	2.1683363	21	10 22.3	19.6
351542 2005 TY_{6}	17.0	X	334.20468	17.73623	309.69580	7.77315	0.2122202	0.30240918	2.1982280	21	7 15.8	18.0
351543 2005 TP_{10}	17.0	X	337.05026	34.37583	325.96746	6.34326	0.1412671	0.30616920	2.1801935	21	9 24.2	18.5
351544 2005 TD_{13}	16.2	X	233.66869	115.75819	2.15486	3.07900	0.1203202	0.17886732	3.1197183	21	9 15.9	20.8
351545 2005 TE_{15}	19.7	X	39.30343	241.16501	10.87464	13.13427	0.3435332	0.74550234	1.2045829	21	3 9.4*	17.5
351546 2005 TA_{29}	17.4	X	278.05897	320.90839	48.04230	6.22544	0.2481801	0.29662538	2.2267110	21	5 30.5	20.3
351547 2005 TF_{36}	16.3	X	200.35123	351.95794	162.13850	4.57727	0.0517727	0.18412633	3.0600284	21	10 1.4	20.8
351548 2005 TN_{72}	17.2	X	297.76975	306.54591	67.30683	7.44236	0.1728871	0.30117834	2.2042130	21	7 22.2	19.4
351549 2005 TJ_{73}	18.0	X	244.62969	200.47313	146.32291	7.25679	0.2935461	0.28956162	2.2627785	21	3 30.8	21.9
351550 2005 TX_{73}	17.6	X	284.67338	223.12756	155.87947	5.08834	0.2094771	0.29921461	2.2138466	21	6 29.6	20.1
351551 2005 TY_{97}	15.1	X	95.38249	213.43422	25.38151	17.66045	0.1714668	0.17948876	3.1125132	21	10 3.6	19.9
351552 2005 TK_{100}	17.7	X	154.51058	228.60299	285.85195	3.67123	0.0417359	0.29964751	2.2117138	21	8 14.1	20.3
351553 2005 TB_{113}	18.3	X	266.47451	128.86295	270.60636	1.59847	0.1166119	0.29998694	2.2100452	21	7 19.7	20.8
351554 2005 TT_{132}	16.9	X	63.52419	325.91212	194.14799	4.80750	0.1015460	0.22069592	2.7118969	21	4 29.4	20.1
351555 2005 TK_{134}	15.7	X	312.17538	48.80629	337.31576	14.63218	0.1026447	0.17867649	3.1219392	21	9 3.2	19.5
351556 2005 TW_{146}	15.8	X	105.05661	150.14750	45.00278	10.22062	0.0213520	0.17303235	3.1894650	21	8 2.6	20.5
351557 2005 TN_{148}	15.5	X	119.06448	128.94233	35.03350	16.63553	0.1341597	0.16839423	3.2477649	21	7 24.8	20.8
351558 2005 TO_{177}	16.4	X	198.44960	237.22581	92.41387	10.73265	0.2001145	0.21803512	2.7339154	21	2 12.1	21.1
351559 2005 TA_{193}	17.9	X	271.54760	280.05441	140.74593	3.22166	0.0323306	0.30509083	2.1853279	21	9 14.1	20.1
351560 2005 TJ_{194}	15.9	X	311.56794	292.78553	37.83794	18.04509	0.0237923	0.16965298	3.2316803	21	7 1.3	20.7
351561 2005 UR_{23}	17.7	X	2.94146	280.08987	29.48046	6.75486	0.0286990	0.29982355	2.2108480	21	8 24.3	20.1
351562 2005 UY_{53}	17.5	X	196.16207	37.76566	55.02197	5.63690	0.1155955	0.29374801	2.2412283	21	7 9.5	20.7
351563 2005 UU_{60}	18.0	X	113.44009	176.04617	51.12175	4.65264	0.1071985	0.30233755	2.1985752	21	10 11.6	21.0
351564 2005 UJ_{143}	16.8	X	317.66503	286.30525	56.37637	7.36100	0.1628270	0.29683788	2.2256481	21	7 10.8	18.7
351565 2005 UD_{157}	17.9	X	60.71436	74.78817	224.34856	5.96559	0.1690418	0.31088172	2.1581051	21	11 24.2	20.5
351566 2005 UU_{164}	17.9	X	140.55569	157.29299	40.72497	8.67033	0.1056693	0.30271423	2.1967509	21	10 3.9	20.9
351567 2005 UR_{178}	17.5	X	253.66050	266.68477	80.68650	3.08297	0.2088608	0.28845379	2.2685684	21	4 12.7	21.0
351568 2005 UN_{180}	17.6	X	329.92452	255.05734	70.37141	7.12853	0.2270364	0.29856961	2.2170338	21	6 26.3	18.9
351569 2005 UU_{221}	15.5	X	48.45380	31.40868	237.18486	8.19753	0.0453635	0.17444383	3.1722371	21	8 19.6	20.0
351570 2005 UQ_{240}	17.8	X	196.04980	238.21622	168.24180	4.66117	0.1421101	0.28590220	2.2820460	21	5 7.7	21.2
351571 2005 UA_{244}	17.7	X	278.68325	348.60053	0.12452	4.34075	0.1487130	0.29098688	2.2553837	21	5 16.6	20.5
351572 2005 UH_{246}	17.9	X	189.78821	71.55982	82.26612	5.50408	0.0622296	0.30163450	2.2019902	21	10 2.1	20.8
351573 2005 UF_{251}	17.1	X	239.95302	120.67584	270.05483	5.43885	0.1770931	0.29220304	2.2491214	21	5 27.3	20.3
351574 2005 UU_{271}	18.3	X	247.73950	279.65699	128.88525	2.06853	0.1335779	0.29468510	2.2364744	21	7 5.1	21.0
351575 2005 UB_{280}	15.6	X	320.80784	263.68976	81.40074	2.03325	0.1542596	0.17393392	3.1784340	21	7 18.8	19.3
351576 2005 UE_{283}	17.6	X	192.76092	53.96772	52.82662	7.97079	0.1005644	0.29538386	2.2329459	21	7 27.6	20.8
351577 2005 UO_{290}	16.1	X	106.27854	185.09282	8.49265	6.73284	0.1299650	0.16783139	3.2550220	21	8 14.2	21.0
351578 2005 UB_{317}	15.5	X	259.69730	29.51046	336.63871	14.30341	0.1181554	0.17373930	3.1808071	21	5 24.9	20.5
351579 2005 UF_{326}	17.6	X	321.94629	275.42414	70.25773	8.73697	0.1389151	0.30116581	2.2042741	21	7 30.9	19.5
351580 2005 UY_{352}	17.2	X	345.06792	29.20201	333.91788	5.94703	0.1132978	0.30641294	2.1790372	21	10 15.2	19.0
351581 2005 UR_{358}	18.1	X	205.67017	87.49722	31.88608	5.51526	0.1590176	0.29960538	2.2119212	21	8 25.3	21.3
351582 2005 UC_{364}	17.6	X	4.80107	205.39783	70.66479	6.71486	0.0943350	0.29434177	2.2382132	21	7 3.5	19.6
351583 2005 UQ_{428}	17.8	X	79.13928	9.75508	247.84229	3.03391	0.0443353	0.30160655	2.2021262	21	9 29.9	20.4
351584 2005 UQ_{438}	17.6	X	208.75798	8.74855	61.48691	5.02919	0.1136935	0.29200081	2.2501597	21	6 21.6	20.8
351585 2005 UL_{455}	15.6	X	280.94940	81.97292	284.80113	10.82465	0.0837307	0.17230531	3.1984307	21	6 29.2	20.0
351586 2005 UT_{456}	17.4	X	283.93585	304.69976	72.48233	6.61526	0.1778015	0.29672929	2.2261911	21	7 1.7	19.9
351587 2005 UJ_{457}	17.7	X	253.25995	322.61544	79.37470	7.99048	0.1175449	0.29588600	2.2304189	21	7 5.2	20.4
351588 2005 UA_{481}	15.2	X	318.40192	255.75375	71.75142	26.14185	0.2391260	0.17506962	3.1646731	21	6 6.8	18.8
351589 2005 UT_{485}	15.3	X	354.48446	205.30556	152.08177	12.55501	0.1176811	0.18188505	3.0851152	21	10 8.6	19.1
351590 2005 UF_{488}	15.3	X	269.42233	126.11429	314.74823	11.10669	0.0870965	0.18015525	3.1048320	21	9 12.2	19.8
351591 2005 UH_{496}	17.7	X	328.47889	214.08815	155.91678	7.01783	0.1749010	0.30638298	2.1791793	21	9 25.0	18.8
351592 2005 UA_{510}	17.5	X	241.83684	107.66361	257.94301	7.24868	0.1547804	0.28885078	2.2664893	21	4 25.8	21.0
351593 2005 UT_{511}	17.6	X	212.52523	353.05387	67.66799	5.03678	0.1366352	0.29241243	2.2480476	21	6 11.3	20.9
351594 2005 UR_{513}	18.1	X	210.66658	243.23929	197.46639	5.87289	0.1477405	0.29295289	2.2452818	21	7 5.6	21.4
351595 2005 UW_{514}	15.4	X	183.49037	28.54547	81.86652	12.16709	0.0719100	0.16965299	3.2316801	21	7 18.9	20.3
351596 2005 US_{524}	16.4	X	216.90038	345.78526	42.52919	4.99487	0.0864627	0.16039283	3.3548987	21	5 12.9	21.5
351597 2005 UW_{524}	15.6	X	297.04115	58.94271	314.25655	14.92438	0.1107744	0.17358698	3.1826676	21	7 26.5	19.7
351598 2005 UO_{527}	14.9	X	352.95229	29.78428	276.20166	16.39165	0.1271647	0.17329596	3.1862298	21	7 20.9	18.8
351599 2005 VK_{16}	17.9	X	276.87236	320.71684	76.17976	4.64354	0.1702411	0.29945187	2.2126770	21	7 23.2	20.4
351600 2005 VT_{32}	17.3	X	328.60365	250.27340	72.33307	4.56813	0.1429192	0.29511951	2.2342792	21	7 2.2	19.1

* The additional opposition: 11 5.1, $V = 20.2$

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351601 2005 VX_{82}	17.9	X	244.52752	313.44198	141.63174	3.59638	0.0906720	0.30036304	2.2081999	21	9 14.4	20.3
351602 2005 VU_{87}	16.0	X	9.37407	144.57738	137.50648	4.12346	0.1288678	0.16994016	3.2280384	21	7 20.2	19.8
351603 2005 VH_{102}	17.4	X	297.56750	45.11155	334.29019	5.54141	0.1883514	0.30097618	2.2051999	21	7 27.6	19.3
351604 2005 VL_{112}	16.9	X	245.24241	118.02948	253.80740	6.06960	0.1218957	0.28933060	2.2639829	21	5 12.1	20.0
351605 2005 VP_{113}	16.9	X	67.30944	15.36474	45.75597	8.26193	0.0983760	0.26386428	2.4074040	21	—	—
351606 2005 VG_{114}	17.0	X	300.84690	266.94556	59.22783	7.46136	0.1654858	0.29134146	2.2535534	21	5 14.0	19.6
351607 2005 VF_{119}	17.8	X	265.55197	288.61454	84.45783	5.58535	0.1942125	0.29458226	2.2369949	21	5 29.9	20.7
351608 2005 VZ_{124}	17.7	X	50.27404	356.71191	226.15074	1.94775	0.1190313	0.27581882	2.3373304	21	7 7.4	20.0
351609 2005 VO_{127}	18.1	X	169.38302	323.70893	163.92503	3.57065	0.0978743	0.29758262	2.2219333	21	7 26.8	21.1
351610 2005 VS_{130}	17.8	X	57.16759	147.60625	147.14098	5.42978	0.1070594	0.31030645	2.1607715	21	11 6.6	20.3
351611 2005 VG_{133}	15.9	X	232.72101	316.34447	113.32146	10.36340	0.0370193	0.17072967	3.2180791	21	7 25.8	20.4
351612 2005 VS_{133}	15.1	X	157.57558	310.15143	194.94693	25.59233	0.1188118	0.16772099	3.2564502	21	7 29.9	20.7
351613 2005 WR_{11}	18.2	X	162.80681	101.43301	66.78047	4.17162	0.0464455	0.29904328	2.2146921	21	9 17.6	20.9
351614 2005 WL_{51}	17.6	X	275.65965	106.20991	258.35351	8.21345	0.2326817	0.29309194	2.2445716	21	5 24.1	20.7
351615 2005 WU_{55}	17.0	X	353.95658	60.83516	260.60850	3.97175	0.2529963	0.30178760	2.2012454	21	9 3.3	17.7
351616 2005 WQ_{98}	17.3	X	209.36734	125.27820	278.22276	5.44063	0.2104104	0.28537896	2.2848345	21	5 12.9	21.1
351617 2005 WT_{103}	17.0	X	240.75407	99.27821	277.53142	6.52261	0.1352183	0.28866748	2.2674487	21	5 11.9	20.3
351618 2005 WQ_{104}	16.9	X	239.51614	257.41516	99.11110	7.83375	0.1563272	0.28501481	2.2867802	21	4 17.5	20.4
351619 2005 WA_{139}	17.6	X	276.10885	304.58941	60.65161	2.18733	0.1614410	0.29259162	2.2471296	21	6 5.3	20.1
351620 2005 WC_{160}	17.7	X	214.24874	185.75666	184.39427	1.24665	0.2290510	0.28340236	2.2954460	21	4 5.7	21.6
351621 2005 WA_{174}	17.0	X	249.29059	258.22955	121.18495	4.62866	0.2857647	0.29100152	2.2553081	21	5 14.2	20.8
351622 2005 WF_{179}	17.3	X	296.09897	78.13244	270.40404	6.26167	0.1701674	0.29561557	2.2317789	21	6 7.9	19.6
351623 2005 WU_{193}	17.6	X	201.78442	194.07773	207.48930	3.41649	0.1318071	0.28497781	2.2869781	21	5 6.1	20.8
351624 2005 WL_{195}	17.2	X	189.47419	27.98732	94.80584	9.50205	0.1846122	0.28921728	2.2645742	21	8 11.6	20.8
351625 2005 WE_{204}	17.3	X	117.97812	37.50298	106.22644	7.73354	0.1327990	0.27819652	2.3239936	21	6 22.8	20.5
351626 2005 WK_{204}	17.4	X	97.29779	18.59692	124.14430	6.32068	0.1401554	0.27357367	2.3501010	21	5 28.1	20.3
351627 2005 XW_{7}	17.1	X	306.48404	257.68418	98.33778	5.51520	0.2180593	0.29645899	2.2275440	21	6 28.9	19.0
351628 2005 XO_{26}	17.1	X	233.37511	63.97768	269.26437	6.61996	0.1062224	0.27453898	2.3445889	21	3 7.9	20.6
351629 2005 XG_{37}	17.0	X	11.56991	173.24961	82.55858	6.14850	0.1289152	0.28252897	2.3001742	21	6 14.5	19.0
351630 2005 XQ_{64}	17.2	X	270.57283	270.98382	106.33931	5.99480	0.2554486	0.29500225	2.2348712	21	6 3.1	20.4
351631 2005 XQ_{71}	17.3	X	273.95366	301.43746	64.20548	6.10453	0.1842615	0.29074623	2.2566281	21	5 30.7	20.1
351632 2005 XO_{86}	17.6	X	135.57799	201.36902	235.61833	3.21026	0.1725488	0.27610035	2.3357413	21	4 16.6	20.8
351633 2005 YT_{5}	17.5	X	115.19584	61.86888	81.87305	4.09314	0.1173884	0.28259744	2.2998026	21	6 17.0	20.3
351634 2005 YH_{16}	17.8	X	128.43560	13.14461	116.74035	2.90404	0.1518447	0.27901024	2.3194728	21	6 17.9	21.0
351635 2005 YT_{22}	17.7	X	93.19724	47.96430	98.46977	6.87427	0.0933351	0.27627052	2.3347821	21	5 19.9	20.5
351636 2005 YQ_{23}	17.7	X	32.68053	343.37473	285.68588	6.41477	0.1021122	0.28775952	2.2722158	21	8 13.4	20.1
351637 2005 YG_{34}	17.7	X	135.20346	157.75789	291.18634	5.98800	0.1117180	0.27499175	2.3420146	21	4 23.2	21.0
351638 2005 YF_{45}	17.8	X	222.08926	148.77571	240.86150	1.87787	0.2265747	0.28426886	2.2907790	21	5 6.5	21.3
351639 2005 YA_{53}	17.9	X	172.27931	160.08951	306.72383	3.37914	0.0491751	0.28416674	2.2913278	21	6 30.7	20.8
351640 2005 YL_{57}	18.0	X	221.80535	121.05634	305.94167	2.45697	0.2088494	0.28919493	2.2646909	21	6 25.3	21.3
351641 2005 YY_{69}	17.2	X	276.00961	179.39334	96.97231	9.31124	0.1091438	0.26762238	2.3848136	21	2 16.2	20.6
351642 2005 YK_{70}	17.3	X	62.45273	255.82338	303.72342	7.15865	0.1181926	0.27821174	2.3239088	21	6 22.8	19.8
351643 2005 YM_{78}	17.1	X	190.31009	10.00580	90.70045	7.33924	0.0578702	0.28743832	2.2739083	21	7 15.5	20.0
351644 2005 YS_{78}	17.3	X	266.42575	276.74683	88.72582	7.42491	0.1672817	0.28778059	2.2721049	21	5 24.9	20.4
351645 2005 YP_{80}	18.2	X	90.15987	169.69352	300.75036	1.56089	0.1717954	0.27063063	2.3671080	21	4 4.3	20.9
351646 2005 YD_{91}	17.9	X	160.66906	344.61635	146.93929	2.10703	0.1253256	0.28481389	2.2878556	21	7 23.2	21.3
351647 2005 YO_{106}	18.0	X	220.30156	169.04681	268.45268	3.07795	0.0865386	0.28932320	2.2640215	21	7 17.4	20.9
351648 2005 YO_{115}	17.3	X	53.63396	210.71552	320.43626	4.92685	0.0645247	0.27265308	2.3553879	21	4 15.0	20.0
351649 2005 YY_{123}	17.1	X	180.20360	138.88743	317.86677	7.10754	0.1022453	0.28412603	2.2915467	21	6 27.3	20.3
351650 2005 YG_{127}	17.9	X	238.78049	104.26793	334.82210	3.52347	0.1531511	0.29345879	2.2427006	21	8 4.9	20.7
351651 2005 YJ_{130}	17.4	X	227.42834	318.07515	80.32154	3.65185	0.2090430	0.28593127	2.2818913	21	5 23.9	21.1
351652 2005 YA_{131}	18.0	X	141.44276	197.30187	301.60948	4.31581	0.0831296	0.28202266	2.3029263	21	7 9.4	21.0
351653 2005 YL_{151}	16.7	X	288.44033	186.62677	86.51439	5.75803	0.1704515	0.26749407	2.3855761	21	2 18.4	20.1
351654 2005 YT_{155}	15.8	X	65.91466	292.24014	298.30887	22.75450	0.2263836	0.27900236	2.3195165	21	8 21.5	19.1
351655 2005 YA_{161}	17.5	X	245.44605	260.67475	135.83166	6.90689	0.1825995	0.28858653	2.2678727	21	6 10.9	20.9
351656 2005 YF_{166}	18.0	X	244.95094	284.69200	140.62998	3.56505	0.1569954	0.29127665	2.2538876	21	7 22.3	21.1
351657 2005 YZ_{168}	18.0	X	199.18516	103.88362	2.03334	2.72153	0.0941662	0.28987071	2.2611697	21	8 1.6	21.1
351658 2005 YU_{192}	17.9	X	190.19192	13.68022	83.78007	1.03410	0.1716170	0.28516833	2.2859595	21	7 7.5	21.3
351659 2005 YF_{193}	17.1	X	9.53607	143.33639	117.76169	7.70121	0.0878685	0.27963857	2.3159971	21	6 18.7	19.3
351660 2005 YJ_{205}	18.2	X	126.51801	16.16045	124.08752	4.17357	0.1883958	0.27967147	2.3158154	21	7 3.4	21.7
351661 2005 YW_{205}	17.4	X	76.51482	25.85697	144.57987	5.24847	0.1668516	0.27577928	2.3375539	21	6 10.6	20.1
351662 2005 YC_{246}	17.7	X	80.69287	305.59517	199.78562	3.19762	0.1025703	0.27247270	2.3564274	21	4 29.8	20.2
351663 2005 YH_{249}	18.1	X	203.70362	21.69549	60.49315	3.47858	0.1259674	0.28747099	2.2737360	21	7 2.3	21.4
351664 2006 AP_{2}	17.1	X	189.32407	188.67457	203.37951	5.41371	0.2890219	0.27980502	2.3150785	21	4 14.3	21.3
351665 2006 AA_{12}	17.8	X	236.77520	109.87314	289.93010	3.93971	0.1222796	0.28713557	2.2755064	21	6 10.8	20.9
351666 2006 AE_{23}	17.9	X	210.51641	298.09498	111.50220	7.80064	0.0929506	0.28197023	2.3032118	21	5 28.9	21.1
351667 2006 AD_{32}	17.2	X	207.56383	311.36353	97.94019	6.17541	0.2620726	0.28414122	2.2914650	21	5 20.3	21.1
351668 2006 AG_{37}	17.0	X	295.87689	154.69768	96.02732	3.45073	0.1544830	0.26280133	2.4138911	21	1 30.0	20.3
351669 2006 AZ_{39}	17.1	X	211.40701	344.39656	316.71420	3.08869	0.1654518	0.25896200	2.4376912	21	1 11.7	21.0
351670 2006 AZ_{42}	18.1	X	145.53903	348.19027	145.87422	3.05652	0.1099377	0.28183563	2.3039450	21	7 8.9	21.3
351671 2006 AB_{49}	18.0	X	128.03545	70.19413	55.08938	2.44868	0.1699479	0.28014149	2.3132244	21	6 12.8	21.3
351672 2006 AQ_{50}	17.5	X	252.79295	243.62528	115.14878	6.08113	0.1956959	0.28373589	2.2936468	21	4 29.5	21.0
351673 2006 AL_{64}	17.8	X	172.05666	312.91814	116.07972	6.58048	0.2146233	0.27892838	2.3199266	21	5 17.2	21.6
351674 2006 AY_{64}	17.0	X	336.20357	293.47415	297.03222	6.21463	0.0817323	0.26980810	2.3719165	21	3 3.7	19.9
351675 2006 AA_{66}	16.8	X	171.63606	277.14680	156.55730	22.35904	0.2601578	0.27622399	2.3350443	21	5 27.2	21.3
351676 2006 AX_{72}	17.7	X	310.01809	286.86787	76.31194	4.54165	0.1976200	0.29431369	2.2383555	21	7 23.1	19.6
351677 2006 AM_{78}	17.4	X	191.14187	93.67984	314.38780	5.13123	0.1609071	0.27706537	2.3303146	21	5 2.0	21.1
351678 2006 AB_{89}	18.2	X	120.73519	14.65372	132.74028	0.50906	0.0728714	0.27968473	2.3157422	21	6 23.6	21.2
351679 2006 BK_{20}	17.8	X	189.06735	335.00527	112.89782	2.74786	0.1025992	0.28367636	2.2939676	21	6 24.5	21.1
351680 2006 BL_{21}	17.0	X	316.98256	334.02174	306.86652	4.09458	0.1833993	0.27210641	2.3585415	21	3 29.6	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351681 2006 BG_{27}	17.4	X	158.08144	100.91921	352.01590	4.09693	0.1763154	0.27830437	2.3233931	21	5 31.0	21.0
351682 2006 BH_{30}	17.1	X	85.18757	174.14972	325.81630	6.81937	0.0538167	0.27164615	2.3612049	21	4 16.9	19.9
351683 2006 BQ_{32}	17.8	X	98.20761	313.31449	117.36340	3.12127	0.1748457	0.26210479	2.4181658	21	2 23.2	20.5
351684 2006 BK_{33}	17.5	X	117.71236	90.65769	349.24919	6.51219	0.1769923	0.26677161	2.3898812	21	3 31.4	20.6
351685 2006 BL_{36}	17.4	X	0.95339	190.52926	10.29640	3.26808	0.1206944	0.26502164	2.4003901	21	3 1.4	19.7
351686 2006 BJ_{38}	17.6	X	105.40102	137.82157	346.64955	8.45434	0.0920257	0.27028386	2.3691323	21	4 30.5	20.7
351687 2006 BL_{46}	17.6	X	102.45051	340.37450	136.96980	1.69803	0.1361538	0.27007558	2.3703501	21	4 27.9	20.4
351688 2006 BQ_{46}	18.0	X	166.15921	169.99267	316.78316	4.36632	0.1111604	0.28234597	2.3011680	21	7 22.9	21.3
351689 2006 BV_{58}	17.5	X	119.90915	135.64666	37.82089	1.82946	0.1809745	0.28038058	2.3119092	21	8 10.6	20.9
351690 2006 BA_{59}	16.5	X	3.28696	81.62911	144.59742	11.47932	0.1699513	0.26823358	2.3811895	21	4 12.3	18.7
351691 2006 BL_{67}	18.0	X	79.88508	87.83147	108.29540	3.56118	0.1351167	0.27859186	2.3217945	21	7 17.8	20.6
351692 2006 BL_{82}	17.9	X	113.59176	195.93467	304.85952	2.63962	0.1084364	0.27535291	2.3399663	21	6 9.6	20.9
351693 2006 BC_{85}	18.2	X	81.66366	113.51385	17.82550	1.63442	0.1358889	0.26981172	2.3718953	21	4 15.9	20.9
351694 2006 BK_{85}	17.2	X	195.78807	254.21932	124.42784	9.88559	0.2210564	0.27417238	2.3466785	21	4 6.3	21.3
351695 2006 BE_{86}	17.8	X	171.42334	114.84599	329.47092	4.26615	0.1838168	0.27984352	2.3148661	21	6 1.8	21.5
351696 2006 BM_{134}	17.8	X	146.64541	257.32491	101.84262	3.50925	0.2286213	0.26206301	2.4184228	21	1 27.6	21.2
351697 2006 BT_{134}	18.0	X	153.73396	14.18852	110.79390	3.68809	0.1006630	0.28193444	2.3034067	21	7 5.5	21.0
351698 2006 BG_{140}	17.7	X	214.32389	91.79376	313.53441	4.41994	0.1576138	0.27988679	2.3146276	21	5 21.9	21.3
351699 2006 BB_{141}	17.4	X	139.84178	69.53622	315.12643	1.60843	0.0768107	0.25940101	2.4349400	21	2 2.3	20.6
351700 2006 BT_{155}	17.2	X	93.87476	140.28705	345.59431	5.73935	0.0816981	0.26884111	2.3776007	21	4 15.8	20.2
351701 2006 BU_{156}	17.4	X	169.82988	28.11976	28.62067	2.92885	0.1967560	0.27285174	2.3542445	21	4 26.8	21.0
351702 2006 BG_{160}	17.4	X	241.86385	141.08947	200.13223	2.43362	0.1043450	0.26927705	2.3750340	21	3 31.7	20.7
351703 2006 BS_{162}	15.7	X	48.41373	296.12039	125.00811	2.78961	0.1407215	0.12453085	3.9714712	21	—	—
351704 2006 BV_{164}	18.1	X	115.68231	289.60110	163.63586	1.17845	0.1473849	0.26854097	2.3793720	21	4 13.5	21.2
351705 2006 BE_{190}	17.1	X	158.60342	95.39696	343.99525	8.10842	0.1118167	0.27327556	2.3518098	21	5 7.1	20.6
351706 2006 BS_{193}	17.4	X	97.66866	23.51988	152.62825	6.85947	0.0297750	0.27877696	2.3207666	21	6 26.5	20.2
351707 2006 BB_{215}	17.5	X	75.86009	137.76602	26.24697	9.93138	0.1735927	0.27271317	2.3550419	21	5 29.3	20.2
351708 2006 BJ_{218}	17.8	X	38.03238	148.65494	87.61138	1.85159	0.1669831	0.27763773	2.3271108	21	7 14.0	19.9
351709 2006 BM_{218}	17.8	X	80.99484	54.18004	117.27135	2.66296	0.1064008	0.27488634	2.3426133	21	6 8.2	20.4
351710 2006 BF_{222}	17.7	X	10.71015	37.05794	161.36631	1.39614	0.1334271	0.26565919	2.3965481	21	3 13.9	19.9
351711 2006 BY_{222}	17.9	X	72.01936	267.24950	292.13533	0.69926	0.1287956	0.27661872	2.3328224	21	7 9.7	20.5
351712 2006 BE_{224}	15.0	X	44.83472	261.05248	158.11192	5.67505	0.2101548	0.12429934	3.9764010	21	—	—
351713 2006 BC_{226}	17.3	X	163.09015	285.35575	150.10055	8.10819	0.1897299	0.27574147	2.3377675	21	5 16.9	21.1
351714 2006 BT_{226}	16.8	X	147.38175	94.56002	109.51411	7.86979	0.1433513	0.28845431	2.2685657	21	10 19.2	20.3
351715 2006 BC_{230}	17.0	X	346.64913	170.29569	87.58592	4.72239	0.1108469	0.27355214	2.3502243	21	5 1.0	19.3
351716 2006 BM_{242}	17.6	X	76.17983	92.50890	100.26095	3.13957	0.1231558	0.27656388	2.3331307	21	7 5.2	20.0
351717 2006 BC_{245}	17.6	X	331.54742	193.46576	18.47443	2.54636	0.1191096	0.26081291	2.4261445	21	1 30.2	20.4
351718 2006 BA_{249}	17.3	X	101.03549	95.02725	338.41783	6.18739	0.1134904	0.26284745	2.4136087	21	2 20.7	20.1
351719 2006 BG_{260}	17.7	X	86.82794	53.47428	135.29939	4.86973	0.1138228	0.27675849	2.3320369	21	7 13.0	20.6
351720 2006 BY_{261}	17.7	X	149.26810	0.21376	131.42205	4.66163	0.1238151	0.27995702	2.3142404	21	7 10.8	21.0
351721 2006 BR_{264}	17.9	X	126.88430	338.27010	112.38190	2.20409	0.1574914	0.26979216	2.3720099	21	4 25.6	21.2
351722 2006 BV_{268}	16.5	X	357.69469	9.33059	54.21901	11.62255	0.1542277	0.24490763	2.5300815	21	—	—
351723 2006 BS_{274}	17.0	X	47.28115	257.98356	332.00020	8.03349	0.1749557	0.27583629	2.3372318	21	7 25.1	19.3
351724 2006 BB_{276}	17.7	X	192.16851	353.08906	29.19548	1.96650	0.1882670	0.27326206	2.3518872	21	4 3.2	21.5
351725 2006 BE_{281}	17.2	X	191.44210	54.24189	328.60252	4.78752	0.2460701	0.27154795	2.3617742	21	4 2.4	21.3
351726 2006 CV_{5}	18.3	X	52.63238	25.22326	191.04016	1.80162	0.1385842	0.27587765	2.3369982	21	7 4.6	20.7
351727 2006 CF_{25}	18.4	X	178.46702	62.53689	338.16785	1.43809	0.2091424	0.27525593	2.3405159	21	4 14.1	22.3
351728 2006 CH_{37}	17.5	X	206.70951	136.95417	341.86904	4.13048	0.0879569	0.28871034	2.2672243	21	8 28.6	20.4
351729 2006 CC_{40}	17.7	X	157.57275	45.47962	21.53486	2.36670	0.2034595	0.27238920	2.3569089	21	4 29.1	21.3
351730 2006 CV_{45}	17.8	X	328.39664	320.47174	329.59837	5.49849	0.0516896	0.27788471	2.3257317	21	5 21.9	20.5
351731 2006 CN_{49}	17.6	X	116.33957	325.81648	142.17935	5.71589	0.1859050	0.27267181	2.3552801	21	5 11.3	20.9
351732 2006 CL_{61}	17.2	X	103.29906	175.37282	348.97277	9.82065	0.1628418	0.27864804	2.3214823	21	7 9.6	20.5
351733 2006 CP_{67}	15.1	X	53.47211	3.72638	43.04124	3.39421	0.2301361	0.12384275	3.9861686	21	—	—
351734 2006 DT_{3}	17.8	X	108.79826	117.35624	34.14878	1.67273	0.1536495	0.27531800	2.3401641	21	6 25.1	20.8
351735 2006 DW_{5}	17.7	X	57.15734	73.43417	85.36350	3.86273	0.1711862	0.26744188	2.3858864	21	4 21.6	19.8
351736 2006 DC_{10}	17.0	X	141.16903	352.04484	124.87350	7.23183	0.0777649	0.27484069	2.3428727	21	6 8.4	20.2
351737 2006 DL_{10}	17.3	X	98.18671	70.55341	123.14762	6.30930	0.1055243	0.27975347	2.3153628	21	8 4.0	20.0
351738 2006 DD_{23}	17.1	X	128.82254	31.42752	148.92080	8.53869	0.0392383	0.28231408	2.3013413	21	8 16.7	19.9
351739 2006 DY_{42}	18.0	X	127.93628	88.15252	0.43775	1.25681	0.1487962	0.27017869	2.3697470	21	4 21.5	21.2
351740 2006 DH_{51}	17.7	X	49.29429	111.47171	125.46026	3.09425	0.1039251	0.27984004	2.3148853	21	7 25.4	19.8
351741 2006 DO_{51}	17.7	X	202.11365	269.28137	137.10648	6.56779	0.1818129	0.27900526	2.3195004	21	5 14.4	21.5
351742 2006 DD_{68}	17.4	X	269.79883	296.21292	18.26456	22.68754	0.0262504	0.39521546	1.8389931	21	3 27.0	19.0
351743 2006 DB_{74}	16.7	X	357.34483	250.48339	345.69571	6.61737	0.0669589	0.26761757	2.3848421	21	4 17.2	19.3
351744 2006 DK_{84}	17.8	X	75.24157	324.46949	204.86156	2.05621	0.1280144	0.27070693	2.3666632	21	5 30.9	20.4
351745 2006 DV_{107}	17.6	X	5.39907	58.85411	182.26369	2.97081	0.1324826	0.26756564	2.3851507	21	5 9.7	19.6
351746 2006 DV_{108}	17.5	X	345.47324	322.90881	269.88559	1.56320	0.1714826	0.26243784	2.4161195	21	3 12.0	19.9
351747 2006 DH_{112}	16.9	X	42.43546	230.32685	328.95944	6.93816	0.0577466	0.27033073	2.3688584	21	5 7.7	19.6
351748 2006 DL_{116}	17.5	X	127.67042	86.78693	24.78628	5.01891	0.1338701	0.27003552	2.3705846	21	5 19.9	20.7
351749 2006 DS_{120}	17.2	X	108.93070	138.84234	49.35914	5.72201	0.2079437	0.28131334	2.3067959	21	8 23.8	20.7
351750 2006 DH_{125}	18.0	X	152.07318	196.12257	229.04868	1.56007	0.1630173	0.27139930	2.3626364	21	4 18.4	21.4
351751 2006 DU_{126}	17.3	X	118.34549	270.19617	171.14119	6.40508	0.1421283	0.26744687	2.3858568	21	3 31.7	20.3
351752 2006 DR_{132}	17.9	X	74.00794	91.62049	73.72741	3.30046	0.1408423	0.27034581	2.3687704	21	5 25.1	20.5
351753 2006 DO_{146}	18.0	X	125.86222	183.23879	309.81649	1.58110	0.1194013	0.27415557	2.3467744	21	6 15.6	21.0
351754 2006 DH_{149}	18.2	X	131.79506	121.16793	337.74072	2.74461	0.1494655	0.27012329	2.3700711	21	5 9.3	21.5
351755 2006 DZ_{156}	17.6	X	101.01130	36.55953	129.21414	3.10662	0.1236332	0.27480583	2.3430708	21	6 30.9	20.6
351756 2006 DT_{159}	18.1	X	358.11214	67.24366	163.57569	1.49999	0.1375377	0.26573431	2.3960965	21	4 7.8	20.1
351757 2006 DR_{165}	17.4	X	105.35646	14.66551	15.97789	6.06013	0.1052445	0.25217047	2.4812655	21	1 1.4	20.4
351758 2006 DP_{178}	18.0	X	100.59318	320.42650	152.36158	8.73976	0.1696623	0.26790534	2.3831340	21	4 27.1	21.1
351759 2006 DY_{187}	17.4	X	151.75440	345.33640	71.22747	2.91476	0.1721624	0.26582029	2.3955797	21	4 9.7	20.9
351760 2006 DN_{195}	18.2	X	95.96994	114.29620	26.35329	3.56861	0.1213365	0.27214642	2.3583104	21	5 17.9	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351761 2006 DM_{196}	16.7	X	349.73235	136.33522	81.72753	8.19036	0.1141726	0.26188290	2.4195315	21	3 12.5	19.4
351762 2006 DB_{202}	18.1	X	119.15045	97.54300	54.94743	3.25792	0.1459209	0.27769163	2.3268097	21	7 8.1	21.3
351763 2006 DS_{208}	17.0	X	110.60189	272.89536	336.64368	6.99053	0.1075344	0.28715531	2.2754021	21	10 31.9	20.4
351764 2006 DJ_{211}	17.4	X	123.85981	27.59429	163.81507	1.98445	0.1490586	0.28073858	2.3099433	21	9 4.4	20.6
351765 2006 DN_{211}	17.3	X	358.25950	349.28285	177.18209	6.45318	0.0877078	0.25549904	2.4596683	21	1 11.9	20.3
351766 2006 EM_{3}	17.8	X	143.13897	46.07200	22.37948	2.34260	0.1721874	0.26955160	2.3734210	21	4 14.7	21.3
351767 2006 EK_{5}	17.1	X	122.21987	50.57001	147.38992	7.07023	0.0688937	0.28392134	2.2926479	21	9 6.2	20.0
351768 2006 EA_{21}	17.3	X	188.96218	61.30290	345.16266	8.35889	0.2074127	0.27496337	2.3421758	21	4 27.5	21.2
351769 2006 EF_{52}	17.2	X	78.32924	340.82660	182.04694	5.89211	0.1708346	0.26968167	2.3726577	21	6 3.4	20.0
351770 2006 ER_{55}	17.4	X	27.94492	30.79524	187.14357	4.31355	0.1506475	0.26905279	2.3763535	21	5 21.5	19.4
351771 2006 EX_{55}	17.9	X	47.71206	322.28752	254.47334	1.79453	0.1291262	0.27238787	2.3569165	21	6 25.1	20.0
351772 2006 EC_{69}	17.8	X	35.94465	251.76771	302.72153	0.73521	0.1219177	0.26747224	2.3857059	21	4 26.9	19.8
351773 2006 FV_{13}	17.6	X	101.59823	54.02873	50.03969	3.32508	0.1383974	0.26274188	2.4142552	21	4 9.5	20.4
351774 2006 FE_{41}	17.6	X	15.33982	162.41347	57.06989	2.30739	0.1306628	0.26373611	2.4081839	21	4 26.0	19.5
351775 2006 GW_{7}	17.7	X	35.09444	93.24683	91.16285	3.16892	0.1444671	0.26356452	2.4092290	21	4 13.7	19.8
351776 2006 GH_{24}	17.5	X	100.73355	22.99527	87.21706	1.91609	0.1060980	0.26205843	2.4184510	21	4 11.7	20.4
351777 2006 GK_{29}	17.0	X	74.40701	98.33247	31.27329	6.77966	0.0900188	0.25968073	2.4331912	21	3 29.1	19.6
351778 2006 GQ_{44}	17.6	X	342.82399	106.12360	84.26275	4.25524	0.1373902	0.25319787	2.4745488	21	1 15.9	20.6
351779 2006 GH_{46}	16.3	X	77.58881	288.71072	58.84756	12.84788	0.1974023	0.22752409	2.6573645	21	—	—
351780 2006 HN	17.4	X	325.32633	202.00077	61.43923	4.47313	0.2886456	0.25955393	2.4339836	21	3 6.7	20.4
351781 2006 HW	16.8	X	61.83234	334.04398	167.80768	6.22189	0.0757952	0.25898918	2.4375207	21	3 23.6	19.5
351782 2006 HX	17.5	X	24.10994	122.43514	119.80997	3.99207	0.1911995	0.26728548	2.3868171	21	6 25.9	19.1
351783 2006 HU_{1}	17.1	X	354.51524	168.17141	74.99144	5.73843	0.2265303	0.26243547	2.4161341	21	4 11.8	19.0
351784 2006 HZ_{11}	16.4	X	291.15022	280.06884	85.70302	7.59362	0.0685141	0.20856026	2.8161018	21	7 14.2	20.2
351785 Reguly	17.8	X	295.97168	239.14898	24.74372	1.99595	0.1786058	0.25427395	2.4675624	21	2 14.5	21.4
351786 2006 HT_{27}	16.8	X	97.11875	353.02032	105.61772	8.74140	0.0852255	0.25513979	2.4619766	21	3 22.9	19.9
351787 2006 HP_{31}	16.7	X	32.11767	126.25778	84.79859	5.87698	0.1481793	0.26458009	2.4030600	21	5 19.6	18.7
351788 2006 HB_{34}	17.5	X	227.35052	105.23292	135.89862	0.38374	0.0799176	0.23958715	2.5674009	21	—	—
351789 2006 HB_{43}	17.3	X	79.34075	158.86082	338.36904	1.07267	0.1405178	0.26118609	2.4238329	21	4 22.3	20.0
351790 2006 HW_{46}	17.0	X	227.62885	144.42580	93.12520	3.85819	0.0926514	0.23908722	2.5709787	21	—	—
351791 2006 HB_{52}	16.3	X	83.67329	236.30086	84.19015	6.38811	0.1755274	0.22392134	2.6857921	21	12 30.8	20.5
351792 2006 HP_{53}	17.4	X	1.71690	191.79973	53.35876	6.19617	0.2019372	0.26339799	2.4102444	21	5 3.7	19.2
351793 2006 HP_{72}	16.9	X	269.93119	71.47865	129.71372	5.32979	0.0482645	0.23895325	2.5719395	21	—	—
351794 2006 HH_{74}	16.5	X	63.55676	285.56532	60.06520	14.46053	0.1759071	0.22466860	2.6798334	21	—	—
351795 2006 HH_{84}	16.4	X	98.60796	270.36203	76.09539	13.56637	0.0680896	0.23166040	2.6256380	21	—	—
351796 2006 HT_{144}	17.2	X	128.81431	37.18198	32.49492	8.80257	0.1984089	0.26316069	2.4116931	21	4 6.2	20.6
351797 2006 JV_{23}	17.8	X	51.68185	253.42267	308.73223	1.63732	0.1331960	0.26614404	2.3936366	21	6 10.3	20.2
351798 2006 JZ_{42}	17.1	X	43.56491	128.32041	70.88022	6.88976	0.1589006	0.26414015	2.4057275	21	5 25.2	19.3
351799 2006 JT_{45}	15.7	X	213.28574	330.86474	264.89324	16.94715	0.0973857	0.22619726	2.6677461	21	—	—
351800 2006 JG_{56}	16.2	X	233.89598	140.99325	115.33861	15.51958	0.0639191	0.24351747	2.5397013	21	—	—
351801 2006 KW_{23}	16.2	X	248.98100	268.97946	352.95823	12.81421	0.1817801	0.24418641	2.5350608	21	—	—
351802 2006 KG_{29}	16.8	X	57.12080	80.45965	59.44051	7.07911	0.0880283	0.25551293	2.4595791	21	3 18.3	19.6
351803 2006 KG_{45}	16.3	X	92.09950	323.42490	124.60067	15.26166	0.0659108	0.25366425	2.4715147	21	2 24.5	19.4
351804 2006 KD_{46}	17.1	X	326.94593	135.56767	92.92664	3.49568	0.1362083	0.25348504	2.4726795	21	2 14.1	20.2
351805 2006 KF_{57}	17.4	X	264.85438	156.35719	113.02430	5.41811	0.1091917	0.24774762	2.5107091	21	1 27.0	20.9
351806 2006 KP_{68}	16.6	X	86.32095	271.35106	57.21237	12.51342	0.2412570	0.22250054	2.6972135	21	—	—
351807 2006 KH_{74}	16.9	X	296.90530	9.64134	133.12692	8.38064	0.0197020	0.23125078	2.6287377	21	—	—
351808 2006 KU_{86}	15.3	X	192.48314	342.33254	289.20655	24.92720	0.1907878	0.22675701	2.6633540	21	—	—
351809 2006 KN_{96}	16.4	X	171.98410	146.07382	138.43648	14.52989	0.0843033	0.22659902	2.6645919	21	—	—
351810 2006 KD_{141}	17.5	X	14.20625	305.28813	264.85666	0.44881	0.1300854	0.25883423	2.4384934	21	4 9.0	19.6
351811 2006 LM_{4}	16.1	X	256.15800	156.09686	114.07602	15.99308	0.1779461	0.24061770	2.5600651	21	1 15.7	20.3
351812 2006 LZ_{7}	15.6	X	227.97982	224.32068	44.45311	14.67654	0.2141837	0.23637055	2.5906404	21	—	—
351813 2006 MW_{12}	16.5	X	236.12308	163.18128	131.28639	14.35238	0.2739723	0.24289265	2.5440549	21	1 24.4	21.1
351814 2006 OK_{7}	15.9	X	136.23001	6.28515	314.44699	11.07066	0.1850620	0.22284204	2.6944572	21	—	—
351815 2006 OF_{15}	18.4	X	69.46316	246.18592	122.51208	23.18811	0.3542570	0.34623462	2.0085796	21	—	—
351816 2006 OZ_{21}	15.9	X	196.54453	71.22921	12.40407	25.95551	0.2518592	0.17601509	3.1533301	21	6 23.5	21.9
351817 2006 PC_{7}	16.5	X	90.48407	320.36020	351.79143	7.36645	0.1768955	0.21451070	2.7637796	21	12 26.2	21.0
351818 2006 PP_{7}	16.3	X	236.19529	263.81876	326.17778	8.75345	0.0585966	0.22657871	2.6647511	21	—	—
351819 2006 PH_{12}	16.6	X	211.40027	349.52471	323.92524	3.92885	0.1551137	0.23533147	2.5982606	21	1 29.8	20.7
351820 2006 PK_{12}	16.2	X	208.27910	280.57909	327.46045	11.68307	0.0989965	0.22383575	2.6864767	21	—	—
351821 2006 PR_{19}	16.1	X	286.94764	37.16054	327.98322	22.73566	0.2409996	0.18984659	2.9982477	21	6 10.7	20.8
351822 2006 PG_{25}	16.0	X	36.94255	295.06820	146.63379	22.41828	0.0420617	0.22596033	2.6696106	21	—	—
351823 2006 PB_{32}	16.3	X	25.46537	47.72990	322.36986	6.89873	0.2387653	0.20977975	2.8051775	21	—	—
351824 2006 PG_{32}	16.3	X	50.65995	237.61596	122.67971	6.36287	0.0976326	0.21311851	2.7758027	21	—	—
351825 2006 PS_{32}	15.6	X	152.01912	259.16674	51.34955	14.56548	0.1054509	0.22311025	2.6922974	21	—	—
351826 2006 PF_{40}	16.7	X	232.15931	129.13288	143.30486	6.24266	0.1571106	0.23505044	2.6003312	21	—	—
351827 2006 QQ_{26}	16.2	X	141.98171	317.26606	331.21175	10.67378	0.1257137	0.21798957	2.7342963	21	—	—
351828 2006 QX_{30}	17.2	X	10.42577	71.27802	156.99607	23.54126	0.0707288	0.38252849	1.8794330	21	4 22.5	19.1
351829 2006 QY_{40}	17.4	X	283.44125	250.90893	333.10375	17.67621	0.0681522	0.36585444	1.9361121	21	—	—
351830 2006 QY_{45}	16.3	X	169.84679	266.53772	18.58381	10.67230	0.1916583	0.22353835	2.6888590	21	—	—
351831 2006 QN_{49}	16.6	X	174.41680	131.40321	163.63448	12.90564	0.2058229	0.22697328	2.6616619	21	—	—
351832 2006 QD_{51}	16.1	X	64.48221	239.20374	135.81495	16.00542	0.1070164	0.21712002	2.7415919	21	—	—
351833 2006 QV_{71}	16.5	X	33.80248	348.05411	349.93019	9.81397	0.1036674	0.20485130	2.8499915	21	11 8.1	20.4
351834 2006 QC_{95}	16.1	X	24.88846	204.11200	139.37056	16.06070	0.1463943	0.20422165	2.8558465	21	11 17.4	20.0
351835 2006 QS_{100}	17.1	X	156.92094	110.36245	297.38701	19.78542	0.0790886	0.37231315	1.9136557	21	2 25.9	19.5
351836 2006 QK_{102}	16.7	X	118.93049	123.90608	247.45453	2.11848	0.0481606	0.22634254	2.6666044	21	—	—
351837 2006 QJ_{103}	16.5	X	321.47238	115.55224	331.85819	11.22097	0.1441604	0.20921710	2.8102045	21	12 12.4	19.7
351838 2006 QQ_{103}	16.5	X	141.89352	297.52775	322.35672	3.57545	0.0233479	0.21129905	2.7917146	21	12 6.6	20.4
351839 2006 QV_{110}	16.0	X	142.93354	14.20460	285.87520	12.48893	0.2315254	0.21930724	2.7233329	21	—	—
351840 2006 QX_{117}	16.3	X	98.46111	332.30090	341.55811	9.22040	0.1559163	0.21327368	2.7744562	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351841 2006 QB_{120}	16.0	X	279.31615	27.37262	322.71525	15.57064	0.1798053	0.18646788	3.0343571	21	5 17.7	20.7
351842 2006 QF_{136}	15.9	X	169.73896	27.95451	268.19233	8.36075	0.2519484	0.22421573	2.6834407	21	—	—
351843 2006 QQ_{138}	15.9	X	327.54494	248.66397	92.12353	11.97533	0.1557398	0.19334032	2.9620184	21	7 26.2	19.3
351844 2006 QF_{139}	16.4	X	36.96214	198.78375	166.84676	5.68755	0.0849288	0.21209107	2.7847601	21	12 19.9	20.2
351845 2006 QX_{158}	16.8	X	197.05399	291.55323	324.33274	4.25443	0.0679454	0.22028627	2.7152579	21	—	—
351846 2006 QN_{180}	16.5	X	55.59836	48.74122	344.11746	5.33677	0.0307639	0.21845026	2.7304507	21	—	—
351847 2006 RZ_{2}	16.4	X	173.17659	274.65697	353.97821	8.02358	0.1784590	0.21981892	2.7191052	21	—	—
351848 2006 RZ_{10}	16.3	X	120.57232	29.47500	290.26601	4.60944	0.0606541	0.21683912	2.7439590	21	—	—
351849 2006 RO_{21}	16.5	X	240.17476	63.63653	2.96109	8.15294	0.2850598	0.18347905	3.0672209	21	7 6.7	21.7
351850 2006 RM_{22}	16.1	X	247.18869	99.02830	245.08001	9.88392	0.2605410	0.17977672	3.1091887	21	4 2.9	21.5
351851 2006 RP_{23}	16.5	X	237.85099	85.20847	331.95728	21.59617	0.4095776	0.18303539	3.0721753	21	6 14.8	22.6
351852 2006 RC_{29}	16.5	X	346.92810	111.56429	300.62829	5.85705	0.0633197	0.21051225	2.7986664	21	12 5.9	20.0
351853 2006 RD_{29}	17.0	X	56.42959	44.49419	302.08783	5.33377	0.0103342	0.21252665	2.7809539	21	12 9.6	20.9
351854 2006 RR_{31}	16.6	X	143.32894	285.78716	356.54680	5.90273	0.0138983	0.21112175	2.7932773	21	—	—
351855 2006 RA_{34}	16.6	X	52.23080	51.36204	327.14042	7.35510	0.1897143	0.21197979	2.7857347	21	—	—
351856 2006 RS_{41}	16.8	X	239.57224	246.01363	185.73419	8.73134	0.2407896	0.18450446	3.0558461	21	7 13.6	22.0
351857 2006 RP_{75}	16.9	X	231.74724	70.64395	11.00583	7.48338	0.1849992	0.18580963	3.0415193	21	7 27.1	21.8
351858 2006 RO_{97}	16.6	X	199.22973	263.87598	198.46847	14.61678	0.2865760	0.17938565	3.1137058	21	7 14.9	22.5
351859 2006 RT_{104}	15.9	X	298.25668	151.77643	305.17089	11.72121	0.0704598	0.20602188	2.8391859	21	11 18.9	19.8
351860 2006 RC_{121}	16.7	X	243.60066	72.00520	4.16986	7.58179	0.1481109	0.18570627	3.0426477	21	8 5.4	21.3
351861 2006 SX	16.6	X	235.89089	216.93733	325.91184	3.35946	0.0418947	0.21094265	2.7948582	21	12 21.8	20.5
351862 2006 SZ	16.7	X	282.22742	43.40067	305.12576	1.67049	0.2273247	0.18477498	3.0528627	21	5 16.7	21.0
351863 2006 SZ_{1}	16.4	X	264.66692	168.96139	247.99238	8.72078	0.1936866	0.18951714	3.0017214	21	7 24.9	21.0
351864 2006 SP_{2}	16.2	X	320.90035	89.41829	335.02567	2.57552	0.0762795	0.20322331	2.8651918	21	11 11.2	19.9
351865 2006 SF_{24}	16.4	X	222.52660	122.51161	264.43407	8.60727	0.2376677	0.17774424	3.1328459	21	5 6.9	21.8
351866 2006 SA_{26}	16.3	X	139.37629	343.00687	321.61767	11.75670	0.1792124	0.21800233	2.7341896	21	—	—
351867 2006 SL_{32}	16.9	X	338.76117	207.41490	180.87472	2.36288	0.1236771	0.19899793	2.9056079	21	10 23.0	20.0
351868 2006 SA_{38}	17.2	X	3.91566	115.21045	353.79673	19.17208	0.0731764	0.35177483	1.9874347	21	—	—
351869 2006 ST_{42}	15.9	X	270.48064	302.30312	61.38050	14.62610	0.3387231	0.18129049	3.0918567	21	5 12.5	21.0
351870 2006 SP_{50}	15.9	X	311.49424	48.26494	299.24631	8.61322	0.1141886	0.19002984	2.9963199	21	7 12.7	19.7
351871 2006 SH_{69}	16.6	X	249.86241	19.64822	28.08120	2.85135	0.1375590	0.18576259	3.0420327	21	7 6.4	21.1
351872 2006 ST_{72}	17.1	X	18.61521	91.08360	21.39220	21.36661	0.0552205	0.35325982	1.9818611	21	—	—
351873 2006 SS_{77}	16.7	X	246.19588	185.99669	329.97115	4.58348	0.0491754	0.20439930	2.8541915	21	11 27.9	20.7
351874 2006 SB_{80}	16.5	X	88.20462	45.22807	273.13314	3.05610	0.1004709	0.20927327	2.8097017	21	12 23.2	20.5
351875 2006 SK_{81}	16.4	X	325.21532	154.90923	191.01657	2.77784	0.0408001	0.18889839	3.0082728	21	8 6.9	20.3
351876 2006 SO_{84}	16.1	X	195.02030	241.59066	185.91891	16.61728	0.1398315	0.17780578	3.1321229	21	6 6.8	21.4
351877 2006 SP_{84}	17.1	X	343.31505	310.28128	130.34559	1.34054	0.0450237	0.20931390	2.8093381	21	—	—
351878 2006 ST_{93}	16.7	X	259.19661	340.55029	28.54084	2.91896	0.0730326	0.17904513	3.1176525	21	6 5.7	21.1
351879 2006 ST_{111}	15.4	X	265.60500	272.64907	106.76898	16.69444	0.0914565	0.18429675	3.0581416	21	6 25.0	19.7
351880 2006 SR_{130}	15.4	X	233.09721	80.34694	344.27836	25.11446	0.2718081	0.18179334	3.0861526	21	7 3.5	21.1
351881 2006 SH_{139}	16.4	X	298.44622	272.79897	111.11230	7.60568	0.2224047	0.18925515	3.0044910	21	7 24.8	20.3
351882 2006 SQ_{139}	16.4	X	125.33096	247.93361	45.87241	9.56323	0.2674173	0.21482591	2.7610755	21	—	—
351883 2006 SJ_{147}	16.7	X	319.11653	134.62001	270.72272	0.96450	0.0688856	0.19797277	2.9156300	21	10 14.6	20.2
351884 2006 ST_{151}	16.7	X	301.94569	83.29995	316.86456	0.96214	0.0925684	0.19242091	2.9714462	21	9 9.2	20.5
351885 2006 SA_{164}	17.6	X	48.83292	172.49215	322.43613	16.89983	0.0630482	0.36943011	1.9235989	21	1 25.1	19.1
351886 2006 SO_{189}	16.6	X	237.80638	236.92367	175.05416	13.04827	0.0611136	0.18441586	3.0568247	21	7 5.5	21.3
351887 2006 SO_{194}	16.6	X	256.33793	233.00502	358.92367	11.93038	0.2591895	0.22791534	2.6543224	21	—	—
351888 2006 SQ_{202}	16.8	X	318.54346	224.20124	204.87000	1.41161	0.0459861	0.20305684	2.8667576	21	11 16.1	20.4
351889 2006 SA_{211}	16.6	X	63.30828	13.83153	357.12162	5.23128	0.0698477	0.21321679	2.7749497	21	—	—
351890 2006 SU_{216}	16.3	X	196.03861	270.74351	180.54600	11.13029	0.0389987	0.18283160	3.0744578	21	7 7.9	21.0
351891 2006 SZ_{216}	17.0	X	268.53836	13.97693	59.21448	3.38788	0.1047899	0.18994419	2.9972206	21	9 5.7	21.1
351892 2006 SL_{220}	16.4	X	43.47566	72.81207	196.13105	11.06140	0.0582153	0.19019089	2.9946282	21	8 16.5	20.5
351893 2006 SZ_{223}	16.1	X	163.45179	278.84279	208.03353	9.50938	0.0667675	0.17926889	3.1150577	21	7 14.8	21.0
351894 2006 SU_{229}	16.4	X	311.73228	21.48436	353.37665	11.88744	0.0745613	0.19161589	2.9797628	21	8 26.5	20.2
351895 2006 SU_{230}	17.1	X	277.77322	70.85750	346.01036	6.89041	0.0960822	0.19176871	2.9781796	21	8 28.3	21.0
351896 2006 SN_{237}	16.3	X	298.61181	344.77784	18.21080	6.54966	0.0792434	0.18791135	3.0187979	21	7 20.6	20.4
351897 2006 SF_{241}	16.9	X	308.91571	36.34168	51.38506	2.72973	0.0396341	0.20443893	2.8538227	21	11 26.7	20.6
351898 2006 SE_{242}	17.1	X	275.63302	50.50020	53.11968	2.84649	0.0242357	0.20193969	2.8773206	21	11 4.2	20.9
351899 2006 SZ_{249}	16.7	X	300.15132	94.12918	334.22726	1.85964	0.0801030	0.19775130	2.9178065	21	10 15.3	20.3
351900 2006 SS_{252}	15.9	X	198.25621	260.89437	198.65356	10.79460	0.1153654	0.18354022	3.0665395	21	7 16.7	20.9
351901 2006 SO_{261}	16.2	X	205.36207	62.70086	27.63143	16.48567	0.2228907	0.17911792	3.1168078	21	7 12.4	21.8
351902 2006 SK_{262}	16.9	X	273.52784	341.41902	62.35546	3.37226	0.0632982	0.18586989	3.0408618	21	8 10.6	21.1
351903 2006 SY_{291}	15.6	X	263.48006	315.61294	81.04021	28.58594	0.1332351	0.18413507	3.0599315	21	7 6.3	20.2
351904 2006 SA_{292}	17.1	X	226.23705	241.05795	60.92550	23.48189	0.0447211	0.36166553	1.9510331	21	1 3.4	19.7
351905 2006 ST_{310}	17.0	X	253.23897	95.35295	341.55136	4.89194	0.1874502	0.18775221	3.0205035	21	8 10.5	21.5
351906 2006 SD_{317}	16.3	X	307.12692	350.12470	32.82696	10.47080	0.0558216	0.19068039	2.9895009	21	9 3.9	20.4
351907 2006 SR_{324}	17.1	X	330.53823	240.18105	173.49425	5.97835	0.0561028	0.20125093	2.8838818	21	11 14.1	20.8
351908 2006 SA_{332}	16.4	X	55.99791	332.47422	336.26796	2.58016	0.1541112	0.19849819	2.9104826	21	11 9.5	20.5
351909 2006 SL_{354}	16.4	X	244.26331	318.21751	49.08369	11.15525	0.2394951	0.17759570	3.1345925	21	5 3.2	21.6
351910 2006 SP_{355}	16.1	X	279.46574	87.22649	353.30497	9.26943	0.0404840	0.19264648	2.9691263	21	10 5.3	20.1
351911 2006 SO_{356}	15.6	X	264.60153	343.56073	37.84646	22.57878	0.0573919	0.18150697	3.0893979	21	6 29.6	20.4
351912 2006 SM_{357}	15.2	X	221.44556	40.43674	39.22535	27.72845	0.1357818	0.18106335	3.0944420	21	7 21.4	20.6
351913 2006 SM_{358}	16.1	X	222.12070	75.87256	344.96191	10.55085	0.1436751	0.18425695	3.0585820	21	6 23.6	21.1
351914 2006 SH_{374}	16.2	X	347.90634	297.50758	47.69251	12.49504	0.0661356	0.19247038	2.9709370	21	9 15.6	20.2
351915 2006 SX_{374}	16.2	X	276.58347	293.97361	130.91352	9.79464	0.1639640	0.18933228	3.0036750	21	8 27.3	20.2
351916 2006 SB_{377}	16.3	X	201.38557	287.90100	143.78987	10.58250	0.0818981	0.17856795	3.1232041	21	6 19.5	21.2
351917 2006 SL_{382}	16.5	X	271.17071	304.00297	123.63144	11.03974	0.1837018	0.18734881	3.0248378	21	8 20.8	20.7
351918 2006 SB_{386}	16.4	X	167.71863	329.60994	131.93539	11.21014	0.1009575	0.17550871	3.1593926	21	6 21.5	21.4
351919 2006 SL_{386}	16.1	X	247.30141	187.78287	174.35516	18.57535	0.2248311	0.17593265	3.1543152	21	5 3.5	21.5
351920 2006 SE_{387}	16.7	X	266.89928	301.85613	91.62077	3.10131	0.0939221	0.18628904	3.0362988	21	7 14.0	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
351921 2006 SO_{388}	16.7	X	215.11349	2.41917	127.92777	10.33540	0.0635863	0.19051887	2.9911904	21	9 20.9	21.2
351922 2006 SC_{389}	16.3	X	244.56687	257.07052	109.66267	11.40462	0.1058365	0.17566198	3.1575546	21	5 17.2	21.2
351923 2006 SQ_{389}	15.4	X	244.29946	229.17642	101.28754	13.28787	0.1573556	0.17040489	3.2221668	21	4 2.4	20.7
351924 2006 SK_{404}	16.9	X	357.28359	4.19798	334.73416	2.14306	0.1277618	0.19069686	2.9893288	21	9 16.2	20.2
351925 2006 SO_{407}	16.6	X	21.34920	300.00840	12.85343	5.41883	0.0374284	0.18964975	3.0003219	21	9 14.1	20.5
351926 2006 SH_{411}	17.0	X	227.35632	289.11445	136.37423	1.90275	0.1788266	0.18002539	3.1063249	21	7 1.2	22.0
351927 2006 SO_{411}	16.3	X	305.59945	26.99508	321.44036	16.41615	0.2009301	0.18684539	3.0302686	21	6 22.8	20.4
351928 2006 TN_{4}	16.6	X	277.22059	88.04466	277.74768	4.77612	0.2026763	0.18483967	3.0521504	21	6 5.3	20.9
351929 2006 TH_{18}	16.4	X	302.46446	351.84389	34.94058	18.09768	0.1381138	0.18940363	3.0029206	21	8 27.4	20.5
351930 2006 TM_{24}	15.6	X	325.45950	101.90355	220.35130	10.87044	0.1212631	0.18445318	3.0564123	21	6 28.1	19.5
351931 2006 TR_{25}	15.8	X	218.63124	84.75735	31.40319	10.31747	0.0619959	0.18794220	3.0184676	21	9 8.3	20.3
351932 2006 TF_{28}	16.5	X	0.28378	293.08592	41.30867	11.70956	0.1102171	0.19142183	2.9817764	21	9 20.8	20.2
351933 2006 TV_{31}	16.8	X	269.93647	267.31387	157.93739	0.93085	0.0372272	0.18900696	3.0071207	21	9 5.5	20.8
351934 2006 TS_{33}	16.6	X	233.95807	69.63995	32.98765	5.27313	0.1139757	0.18735144	3.0248095	21	8 31.7	21.1
351935 2006 TD_{35}	16.6	X	66.09201	310.45359	351.72725	2.28461	0.0621814	0.19672692	2.9279266	21	10 31.7	20.7
351936 2006 TQ_{35}	16.4	X	222.87017	173.08270	226.96976	8.54046	0.0910849	0.17565773	3.1576055	21	6 2.3	21.2
351937 2006 TO_{36}	16.2	X	220.39531	59.41438	33.56863	10.26675	0.1034683	0.18229447	3.0804941	21	8 7.5	21.0
351938 2006 TA_{37}	16.2	X	191.07223	54.47667	35.65156	10.77515	0.0715637	0.17727614	3.1383583	21	7 1.4	21.1
351939 2006 TW_{43}	16.5	X	262.62696	338.81906	49.24761	2.37922	0.1882572	0.18095131	3.0957192	21	6 19.2	21.1
351940 2006 TC_{44}	15.8	X	86.90175	194.54222	46.20001	12.86733	0.0977794	0.18681208	3.0306288	21	9 21.2	20.3
351941 2006 TN_{51}	15.9	X	219.07228	226.12160	216.64318	10.28005	0.1184598	0.17909255	3.1171021	21	7 16.5	20.9
351942 2006 TE_{58}	15.4	X	194.63102	45.10907	27.40768	26.98124	0.1836046	0.17448184	3.1717764	21	6 3.6	21.1
351943 2006 TB_{61}	16.3	X	275.43859	152.30854	196.91523	13.86873	0.1535654	0.18125754	3.0922314	21	5 21.8	20.9
351944 2006 TF_{72}	16.3	X	278.64272	65.43583	342.11244	10.29104	0.1556474	0.18730348	3.0253258	21	8 9.5	20.4
351945 2006 TQ_{74}	15.7	X	266.71575	70.38828	259.16170	15.02540	0.2356792	0.17641497	3.1485632	21	4 2.1	21.0
351946 2006 TO_{80}	16.3	X	342.72463	83.01468	272.53743	5.37951	0.1721149	0.19209475	2.9748088	21	9 9.6	19.6
351947 2006 TC_{81}	16.4	X	267.49942	48.76761	10.79436	8.59323	0.0313576	0.18687552	3.0299428	21	8 29.7	20.6
351948 2006 TW_{81}	15.4	X	333.67379	63.54660	228.80448	14.85925	0.0350448	0.17717088	3.1396012	21	6 10.2	19.7
351949 2006 TU_{84}	16.0	X	273.31788	136.36504	246.58755	8.09109	0.0813790	0.18217207	3.0818738	21	7 8.9	20.4
351950 2006 TF_{85}	16.2	X	205.62595	211.78349	250.23587	6.56955	0.1802923	0.17978699	3.1090702	21	7 24.4	21.5
351951 2006 TQ_{85}	16.5	X	291.93264	0.66439	10.27679	6.77825	0.2087700	0.18489943	3.0514927	21	6 30.4	20.7
351952 2006 TU_{85}	16.0	X	226.78824	122.84715	261.17991	5.32131	0.1336431	0.17407798	3.1766801	21	5 13.8	21.1
351953 2006 TA_{88}	16.3	X	216.84766	60.79325	30.21774	10.26988	0.0598331	0.18189504	3.0850022	21	8 4.7	21.0
351954 2006 TK_{88}	16.6	X	304.10176	5.39588	19.18722	9.00341	0.0549575	0.18742972	3.0239672	21	8 31.1	20.7
351955 2006 TC_{95}	16.0	X	255.54458	201.22040	210.68322	12.39607	0.0793068	0.18422494	3.0589363	21	7 22.1	20.7
351956 2006 TJ_{99}	15.8	X	241.79409	15.97194	32.74066	15.22306	0.2223033	0.18127143	3.0920735	21	6 19.0	21.0
351957 2006 TO_{102}	15.8	X	177.30508	122.53358	25.66146	10.36914	0.0536817	0.18612732	3.0380574	21	9 1.9	20.4
351958 2006 TB_{113}	16.1	X	356.38909	240.91339	117.33104	11.23183	0.1359302	0.19494996	2.9456917	21	10 18.4	19.7
351959 2006 TH_{113}	16.4	X	234.23443	342.84722	131.18484	12.35484	0.0734182	0.18985385	2.9981713	21	9 21.8	20.9
351960 2006 TZ_{114}	16.3	X	296.47394	264.80915	124.09526	10.38723	0.0901646	0.18775318	3.0204931	21	8 18.8	20.2
351961 2006 TQ_{117}	15.2	X	254.59499	302.51569	68.62301	17.53506	0.0966338	0.17834050	3.1258590	21	5 31.1	19.8
351962 2006 TV_{122}	16.3	X	167.11995	122.67421	46.39840	5.73896	0.0907323	0.18586969	3.0408640	21	9 14.5	21.0
351963 2006 TQ_{128}	16.8	X	291.57633	342.27694	53.37042	4.22645	0.1048045	0.18934625	3.0035272	21	8 19.4	20.7
351964 2006 TG_{129}	16.9	X	260.02128	65.79162	345.06137	16.28368	0.2863436	0.18535209	3.0465225	21	7 6.7	22.0
351965 2006 UV_{2}	16.7	X	169.59150	341.02075	139.27503	1.65904	0.1561745	0.17735198	3.1374636	21	7 16.6	21.7
351966 2006 UC_{7}	16.6	X	294.84987	264.00968	101.89717	3.29217	0.2727426	0.18579632	3.0416645	21	6 17.3	20.6
351967 2006 UK_{7}	15.7	X	216.30794	352.67452	57.94502	10.12021	0.0841560	0.17591726	3.1544992	21	6 7.7	20.4
351968 2006 UA_{13}	16.6	X	217.55711	266.96894	199.91889	10.26062	0.1733247	0.18247810	3.0784271	21	8 9.2	21.7
351969 2006 UR_{14}	16.0	X	186.22734	57.94967	59.94676	10.30249	0.0187794	0.18131253	3.0916063	21	8 4.1	20.6
351970 2006 UT_{19}	16.6	X	240.29943	94.01584	290.42472	2.08818	0.2003905	0.17841280	3.1250145	21	5 22.2	21.7
351971 2006 UD_{28}	16.7	X	273.65791	194.74335	214.71454	1.18061	0.0844429	0.18702604	3.0283170	21	8 13.3	21.0
351972 2006 UG_{30}	15.1	X	80.53888	178.41663	27.05164	22.37546	0.1432311	0.18091629	3.0961187	21	8 9.7	20.0
351973 2006 UD_{45}	16.0	X	230.94958	215.45462	220.89435	9.44656	0.1055543	0.18069247	3.0986749	21	7 22.1	20.9
351974 2006 UH_{56}	15.8	X	234.49214	132.55608	319.46733	9.33194	0.0575696	0.19269138	2.9686650	21	8 22.5	20.1
351975 2006 UR_{59}	16.4	X	284.93196	40.39300	332.27698	5.88003	0.2326927	0.18500649	3.0503153	21	6 19.4	20.7
351976 2006 UP_{64}	16.2	X	231.17619	158.61565	292.42207	6.60422	0.1661945	0.18570589	3.0426518	21	8 5.5	20.9
351977 2006 UB_{70}	17.7	X	5.92729	32.32082	20.16877	4.54470	0.1073361	0.27144162	2.3623909	21	—	—
351978 2006 UZ_{83}	16.7	X	220.96316	115.43159	345.86723	4.04612	0.0985214	0.18358386	3.0660534	21	8 15.6	21.2
351979 2006 UC_{85}	16.4	X	11.82744	93.13170	245.56554	2.13490	0.1919529	0.19334023	2.9620194	21	10 18.3	19.6
351980 2006 UG_{98}	16.5	X	278.15501	49.64444	177.06307	5.53041	0.0357794	0.22083847	2.7107298	21	—	—
351981 2006 UR_{98}	16.7	X	214.79382	284.03075	183.76429	6.75400	0.2253283	0.18091889	3.0960890	21	8 5.9	21.9
351982 2006 UR_{100}	16.3	X	15.84594	145.62991	189.71799	9.82412	0.0990303	0.19364829	2.9588772	21	10 11.2	20.0
351983 2006 US_{107}	15.6	X	192.00539	341.44238	61.41205	12.79965	0.0782438	0.16919402	3.2375218	21	5 6.7	20.5
351984 2006 UH_{125}	16.5	X	236.09116	159.74106	237.52601	8.73317	0.0857733	0.17857580	3.1231126	21	6 13.3	21.2
351985 2006 UF_{131}	16.1	X	200.94194	262.25707	220.80567	15.83238	0.1855890	0.18291587	3.0735135	21	8 10.6	21.5
351986 2006 UV_{134}	16.1	X	313.41121	115.71757	210.32600	16.02049	0.1796669	0.18240701	3.0792270	21	6 6.7	20.1
351987 2006 UK_{136}	16.1	X	115.74006	330.07379	252.41981	8.72082	0.0312459	0.18860861	3.0113533	21	9 13.6	20.5
351988 2006 UD_{156}	15.8	X	236.55188	241.60516	164.55369	10.08431	0.0388119	0.18235767	3.0797824	21	6 29.8	20.4
351989 2006 UF_{179}	15.9	X	230.24681	316.85220	103.89719	6.05492	0.1586481	0.18028034	3.1033956	21	6 29.8	20.8
351990 2006 UJ_{179}	16.0	X	242.46439	23.87497	78.24146	9.08394	0.1166650	0.18881617	3.0091460	21	9 11.9	20.5
351991 2006 UX_{183}	15.6	X	233.93676	128.35026	278.84779	10.87655	0.1080367	0.18089453	3.0963670	21	6 21.4	20.3
351992 2006 UA_{188}	16.2	X	244.10444	75.27887	292.80263	9.06996	0.2494483	0.17817404	3.1278056	21	4 29.4	21.6
351993 2006 UG_{188}	16.2	X	306.29157	101.81650	286.14067	10.26671	0.1932098	0.19089677	2.9872415	21	8 13.3	20.0
351994 2006 US_{190}	16.6	X	232.01254	66.42703	352.41577	15.15662	0.2739375	0.17979919	3.1089296	21	6 20.7	22.2
351995 2006 UZ_{191}	15.3	X	109.03407	259.87035	256.27065	9.30496	0.0301143	0.17668826	3.1453158	21	6 16.3	19.6
351996 2006 UK_{192}	15.9	X	304.52921	76.44311	305.98967	7.47662	0.2327719	0.18880465	3.0092684	21	7 30.5	19.5
351997 2006 UA_{194}	16.8	X	220.00446	61.33159	33.86176	3.35767	0.0639998	0.18413284	3.0599562	21	8 10.7	21.3
351998 2006 UF_{203}	16.0	X	265.37425	317.74007	64.23054	13.06542	0.1447214	0.18277281	3.0751171	21	6 19.3	20.5
351999 2006 UF_{208}	16.0	X	198.54552	53.28782	41.65993	10.98202	0.0652372	0.18012009	3.1052360	21	7 17.6	20.8
352000 2006 UL_{210}	15.5	X	221.02231	149.41533	256.40697	8.29913	0.0849449	0.17513196	3.1639221	21	6 7.6	20.2