Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360001 2012 XS_{39}	16.3	X	102.52784	60.36957	173.11399	2.09127	0.0707129	0.19762893	2.9190108	21	9 21.5	20.6
360002 2012 XJ_{115}	15.7	X	63.92164	260.92225	75.05356	14.97773	0.1205334	0.22915657	2.6447290	21	12 23.5	19.4
360003 2012 XP_{133}	16.4	X	83.01009	67.25340	297.16835	2.16636	0.1668802	0.23847450	2.5753806	21	—	—
360004 2012 XO_{146}	16.7	X	350.09783	332.86503	137.73087	3.14836	0.0183810	0.24043597	2.5613549	21	—	—
360005 2012 XA_{151}	16.8	X	278.87869	204.27351	314.02072	5.62223	0.1231115	0.21793381	2.7347627	21	—	—
360006 2012 XH_{151}	15.9	X	111.91639	304.82799	318.31487	5.09339	0.0363274	0.20129051	2.8835037	21	11 3.0	20.0
360007 2012 XU_{151}	16.0	X	357.75487	277.78697	96.76472	13.31738	0.1100255	0.20433702	2.8547714	21	11 10.8	19.6
360008 2012 YR	16.5	X	318.48589	215.01572	213.61501	8.51061	0.1202168	0.21857534	2.7294089	21	11 15.9	19.4
360009 2012 YP_{5}	17.0	X	277.33897	234.53968	321.93187	15.45564	0.0893629	0.34729172	2.0045017	21	—	—
360010 2012 YB_{6}	17.4	X	303.12925	195.27307	310.66953	3.82266	0.0596513	0.22173211	2.7034416	21	—	—
360011 2013 AK_{7}	17.3	X	77.20119	358.09070	109.47131	4.06973	0.1931765	0.25489993	2.4635208	21	3 19.1	19.8
360012 2013 AL_{7}	15.8	X	154.67145	239.87730	304.84294	9.63336	0.2224910	0.18016710	3.1046959	21	9 16.0	21.3
360013 2013 AN_{7}	16.7	X	298.98056	348.14094	129.12491	3.89586	0.1366555	0.21085865	2.7956005	21	12 14.6	19.8
360014 2013 AQ_{7}	17.2	X	187.95757	74.52576	306.17542	4.51572	0.1178536	0.26342984	2.4100501	21	3 24.5	20.9
360015 2013 AX_{7}	17.7	X	259.61783	313.49663	120.91425	4.96082	0.0738071	0.30210247	2.1997156	21	9 9.9	20.1
360016 2013 AG_{8}	16.1	X	218.78017	285.16605	304.90163	6.71771	0.1533521	0.21484035	2.7609518	21	—	—
360017 2013 AU_{10}	15.6	X	248.48684	291.56209	126.88962	10.29831	0.0410050	0.17625852	3.1504261	21	7 30.2	20.0
360018 2013 AF_{13}	16.8	X	54.38342	277.98637	123.56443	4.24367	0.1125013	0.23063990	2.6333773	21	—	—
360019 2013 AE_{14}	16.2	X	354.40249	46.73438	325.26925	5.67164	0.3384525	0.20521234	2.8466478	21	11 18.9	18.4
360020 2013 AW_{15}	17.7	X	111.13577	344.95788	173.85771	5.15832	0.1546634	0.27590689	2.3368330	21	7 7.6	20.9
360021 2013 AY_{16}	16.6	X	119.07272	347.73494	322.24014	13.11874	0.1968047	0.21473118	2.7618875	21	—	—
360022 2013 AE_{19}	18.0	X	211.07878	161.25317	301.69265	1.84429	0.0894593	0.29526013	2.2335697	21	8 11.3	21.0
360023 2013 AQ_{20}	15.9	X	351.08004	335.67687	349.18712	14.82399	0.3245420	0.22121774	2.7076306	21	8 25.9	17.3
360024 2013 AS_{20}	17.3	X	128.36049	117.99553	333.64522	9.52228	0.2262663	0.27048870	2.3679360	21	5 1.2	21.0
360025 2013 AA_{21}	15.6	X	51.76176	333.21546	307.40732	9.34842	0.0872992	0.17947233	3.1127032	21	9 14.1	19.9
360026 2013 AN_{22}	18.2	X	152.89003	180.93640	328.76517	2.05867	0.1330437	0.28709253	2.2757338	21	8 9.4	21.5
360027 2013 AF_{27}	16.6	X	338.05317	226.72627	127.77049	5.38893	0.1479231	0.19278140	2.9677408	21	9 4.5	19.8
360028 2013 AE_{28}	18.0	X	226.40088	195.21558	271.28720	1.70914	0.0857971	0.29948157	2.2125307	21	9 4.9	20.6
360029 2013 AF_{29}	17.8	X	151.82465	348.24398	146.47465	4.85313	0.1368847	0.28404756	2.2919687	21	7 18.2	21.1
360030 2013 AT_{29}	18.1	X	198.47638	61.55791	87.53820	4.98661	0.0672726	0.30030761	2.2084716	21	10 5.5	20.9
360031 2013 AA_{30}	13.4	X	277.81718	22.84503	97.18358	8.58680	0.0481015	0.08148872	5.2691154	21	11 7.7	20.3
360032 2013 AX_{32}	17.5	X	143.80382	232.40099	292.74364	4.63392	0.0778710	0.29009516	2.2600032	21	8 16.6	20.5
360033 2013 AZ_{32}	17.4	X	89.31563	194.40100	304.91472	4.04785	0.1325450	0.26478090	2.4018448	21	5 7.9	20.2
360034 2013 AB_{33}	17.7	X	136.80144	71.87741	47.49615	5.95813	0.1718627	0.27713164	2.3299431	21	6 14.1	21.2
360035 2013 AF_{39}	17.0	X	186.69551	92.48104	291.98391	2.99853	0.1251454	0.26613849	2.3936699	21	3 28.6	20.5
360036 2013 AT_{40}	16.6	X	95.07512	242.88332	131.25781	16.07359	0.1752628	0.23371701	2.6102124	21	—	—
360037 2013 AO_{41}	16.1	X	295.58062	246.51462	117.66999	10.20904	0.0894729	0.17664624	3.1458145	21	7 14.3	20.4
360038 2013 AY_{41}	15.7	X	359.48950	32.96860	337.07436	11.50611	0.0729134	0.19661986	2.9289893	21	10 23.9	19.6
360039 2013 AU_{44}	17.5	X	88.38083	118.69231	62.75339	2.19804	0.1215848	0.27391915	2.3481245	21	7 6.3	20.2
360040 2013 AZ_{44}	15.5	X	40.60772	207.83902	97.06354	4.71550	0.0926733	0.18262235	3.0768058	21	10 7.7	19.6
360041 2013 AO_{53}	13.5	X	245.59309	22.76882	126.92474	12.33465	0.0690071	0.08397808	5.1644662	21	11 4.7	20.6
360042 2013 AS_{53}	15.4	X	256.90558	249.15146	306.99981	25.34958	0.0491480	0.22431881	2.6826185	21	—	—
360043 2013 AW_{54}	16.3	X	135.03130	158.31654	130.05704	0.77234	0.0399018	0.21262232	2.7801196	21	—	—
360044 2013 AU_{58}	18.7	X	217.92156	227.17354	200.05684	1.72190	0.1845612	0.28985858	2.2612328	21	6 23.2	22.2
360045 2013 AC_{59}	17.4	X	88.15945	265.33330	252.28084	1.29424	0.1143563	0.26878219	2.3779482	21	5 30.9	20.2
360046 2013 AG_{59}	16.3	X	228.21011	304.67035	284.03767	8.60077	0.1389067	0.21688796	2.7435471	21	—	—
360047 2013 AM_{59}	13.2	X	299.50206	338.78149	114.19566	14.78367	0.1064164	0.08398268	5.1642775	21	10 31.1	19.9
360048 2013 AN_{59}	15.9	X	114.14784	271.25214	335.94176	11.15847	0.0635214	0.18747150	3.0235179	21	10 14.9	20.5
360049 2013 AJ_{68}	15.4	X	336.08492	206.08372	147.88070	27.63209	0.0786480	0.17641699	3.1485393	21	9 1.3	19.4
360050 2013 AM_{73}	16.9	X	297.48961	157.17187	5.44563	10.53605	0.2776550	0.22101940	2.7092502	21	—	—
360051 2013 AQ_{74}	16.9	X	331.99781	153.27201	318.10897	10.22486	0.1640530	0.22088935	2.7103135	21	—	—
360052 2013 AE_{77}	16.9	X	195.30407	131.12044	317.53549	23.54630	0.1429797	0.28693183	2.2765834	21	7 6.7	20.6
360053 2013 AT_{79}	17.7	X	64.47674	37.54134	118.32189	2.34702	0.0845238	0.26335602	2.4105004	21	4 18.1	20.2
360054 2013 AX_{79}	16.2	X	106.27559	130.03474	119.71528	9.63307	0.0923001	0.18949310	3.0019753	21	10 21.6	20.8
360055 2013 AR_{88}	17.4	X	45.33015	187.06825	327.73153	5.28701	0.0818971	0.25598236	2.4565712	21	3 13.6	20.1
360056 2013 AU_{91}	16.3	X	26.83977	255.63901	134.80221	6.85242	0.0606635	0.21456351	2.7633261	21	—	—
360057 2013 AK_{92}	13.2	X	5.05907	234.91121	140.18230	12.30962	0.0352936	0.08232545	5.2333521	21	10 27.9	20.1
360058 2013 AL_{92}	13.8	X	266.77038	52.92974	70.54698	6.94227	0.0879646	0.08292931	5.2079165	21	10 24.8	20.7
360059 2013 AP_{95}	15.3	X	64.50977	137.73109	102.82547	17.03326	0.0731182	0.17147202	3.2087844	21	8 15.6	19.9
360060 2013 AA_{97}	16.4	X	139.09974	260.36792	305.76718	5.94169	0.1212517	0.18472635	3.0533984	21	9 26.8	21.3
360061 2013 AL_{97}	17.8	X	241.38593	283.80659	129.30226	3.62651	0.1226329	0.29415036	2.2391840	21	7 5.1	20.6
360062 2013 AJ_{101}	17.5	X	79.58020	254.00098	239.00686	1.92710	0.1803186	0.26037132	2.4288869	21	4 23.5	20.2
360063 2013 AL_{102}	17.8	X	163.53621	191.14659	341.40598	5.20960	0.0843891	0.29801316	2.2197927	21	9 20.5	20.8
360064 2013 AP_{104}	13.6	X	244.57593	208.55166	309.23052	10.39617	0.1243801	0.08206991	5.2442099	21	10 28.6	20.9
360065 2013 AA_{105}	16.8	X	11.15963	310.60654	136.35097	5.97049	0.1152765	0.22260432	2.6963752	21	—	—
360066 2013 AZ_{111}	16.1	X	257.52594	273.36752	328.90209	11.73605	0.1024188	0.22752557	2.6573530	21	—	—
360067 2013 AU_{115}	16.7	X	330.81076	124.67188	358.45806	13.07641	0.2079080	0.22336678	2.6902356	21	—	—
360068 2013 AM_{117}	15.3	X	5.85754	188.99570	98.40157	12.41975	0.0537064	0.17002950	3.2269076	21	7 19.9	19.5
360069 2013 AX_{118}	15.3	X	78.80072	149.05795	96.45216	13.09854	0.0761552	0.17848598	3.1241603	21	9 13.2	20.0
360070 2013 AY_{126}	13.7	X	280.20237	15.35493	84.70657	3.29241	0.0585244	0.08638981	5.0678963	21	10 17.5	20.4
360071 2013 AC_{131}	13.9	X	319.10723	248.54007	179.39626	9.57644	0.0593459	0.08422422	5.1543991	21	10 28.0	20.5
360072 Alcimedon	13.6	X	334.16204	126.52932	271.81629	6.20967	0.0889550	0.08320715	5.1963170	21	10 7.8	20.1
360073 2013 AL_{131}	13.1	X	203.47237	68.37096	130.25159	17.13776	0.0526475	0.08291443	5.2085395	21	11 17.3	20.4
360074 2013 AZ_{131}	16.1	X	184.30696	195.26759	333.24678	11.97591	0.2084241	0.18035843	3.1024997	21	9 21.0	21.5
360075 2013 AD_{132}	13.4	X	112.20309	131.89762	140.87385	12.29156	0.0597166	0.08199958	5.2472081	21	11 6.8	20.6
360076 2013 AE_{132}	14.1	X	263.07026	247.61091	223.61006	6.51594	0.0655099	0.08070762	5.3030577	21	10 6.5	21.1
360077 2013 AK_{132}	13.9	X	244.19590	19.59474	127.88977	12.86987	0.0501026	0.08170715	5.2597205	21	11 2.9	21.1
360078 2013 AQ_{133}	15.0	X	36.94492	149.30702	141.97752	21.95515	0.1042120	0.17405780	3.1769257	21	9 16.7	19.3
360079 2013 BM_{1}	13.8	X	271.11853	144.97332	322.91460	6.23710	0.0873791	0.08452729	5.1420714	21	10 8.1	20.7
360080 2013 BA_{15}	17.3	X	58.92578	3.73896	125.83751	3.58509	0.1266712	0.25444973	2.4664258	21	3 7.8	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360081 2013 BJ_{16}	17.5	X	164.40609	253.17907	137.58101	25.54109	0.1348640	0.37832016	1.8933449	21	3 3.9	19.7
360082 2013 BJ_{19}	16.6	X	80.92193	261.30872	148.93306	14.42171	0.1827566	0.24200889	2.5502446	21	1 2.2	19.4
360083 2013 BZ_{23}	16.3	X	222.72896	67.40039	127.55509	8.57660	0.0971977	0.20989397	2.8041596	21	12 13.9	20.3
360084 2013 BZ_{25}	15.5	X	118.27705	239.79245	328.21904	12.31505	0.0921127	0.17367539	3.1815874	21	9 5.6	20.3
360085 2013 BJ_{33}	16.4	X	128.07921	158.53351	148.23323	6.92311	0.0483594	0.21701728	2.7424570	21	—	—
360086 2013 BF_{34}	15.8	X	257.28428	274.63907	127.74551	10.85281	0.1123411	0.17911042	3.1168949	21	7 10.7	20.4
360087 2013 BY_{40}	16.5	X	36.45183	275.99531	131.19195	6.66400	0.0432071	0.21890666	2.7266542	21	—	—
360088 2013 BB_{47}	14.0	X	225.18620	175.23512	339.00386	9.34908	0.0429483	0.08309594	5.2009520	21	10 14.4	21.1
360089 2013 BV_{54}	16.1	X	56.64482	282.63468	139.72176	22.37300	0.0213966	0.22652937	2.6651380	21	—	—
360090 2013 BZ_{54}	16.1	X	14.75080	219.79787	141.25598	6.44007	0.0825542	0.19408454	2.9544416	21	11 11.9	20.0
360091 2013 BE_{55}	17.4	X	136.60761	128.13678	331.96255	0.93502	0.1435861	0.26828793	2.3808679	21	5 16.6	20.6
360092 2013 BO_{61}	16.6	X	171.58455	135.81278	9.26340	3.88509	0.0883218	0.17341955	3.1847158	21	8 18.6	21.5
360093 2013 BF_{62}	13.9	X	292.39925	126.07144	335.05795	8.01286	0.0393178	0.08267447	5.2186132	21	10 30.1	20.8
360094 2013 BO_{62}	16.8	X	6.16697	322.63838	127.01791	5.63454	0.0860120	0.22119239	2.7078375	21	—	—
360095 2013 BP_{62}	17.6	X	59.30297	36.50337	55.77054	1.58919	0.0923896	0.23957312	2.5675012	21	1 14.8	20.5
360096 2013 BF_{63}	16.1	X	122.31362	107.92149	127.20756	3.41180	0.1035304	0.18416159	3.0596377	21	10 18.2	20.8
360097 2013 BS_{63}	17.1	X	27.45359	121.74427	126.24594	5.72781	0.1874534	0.27079371	2.3661576	21	7 13.1	19.0
360098 2013 BC_{64}	17.2	X	352.27358	146.06544	75.22578	0.40920	0.1144360	0.25334167	2.4736123	21	3 18.4	19.6
360099 2013 BQ_{64}	16.3	X	32.83827	58.52296	330.41528	5.38541	0.0372245	0.21366190	2.7710945	21	—	—
360100 2013 BC_{65}	13.5	X	32.76922	196.97561	155.83609	7.39840	0.0951826	0.08331794	5.1917092	21	11 8.7	20.1
360101 2013 BN_{79}	17.0	X	42.47783	122.70961	130.42992	5.77109	0.1324341	0.27990943	2.3145027	21	8 13.0	19.4
360102 2013 BQ_{79}	17.6	X	123.48211	348.82651	157.13597	2.75462	0.1847293	0.27459625	2.3442629	21	7 7.4	21.0
360103 2013 CW	13.0	X	278.43115	171.84196	290.17775	12.56675	0.0621716	0.08188742	5.2519983	21	10 9.5	20.1
360104 2013 CG_{9}	16.9	X	189.36038	228.24601	206.53715	5.59892	0.0733476	0.27610233	2.3357302	21	6 7.4	20.1
360105 2013 CG_{11}	16.8	X	188.12449	207.12566	119.62369	9.43522	0.1793268	0.24021265	2.5629421	21	1 25.1	21.0
360106 2013 CM_{13}	18.0	X	56.60419	108.57996	44.81558	1.92611	0.1205605	0.25650046	2.4532621	21	4 5.8	20.6
360107 2013 CS_{14}	13.2	X	301.05140	325.78723	133.64937	17.29385	0.0579639	0.08374667	5.1739752	21	11 13.8	20.1
360108 2013 CY_{14}	16.7	X	241.36641	112.41921	102.31560	5.11196	0.0294029	0.21723378	2.7406346	21	—	—
360109 2013 CD_{15}	15.9	X	318.05544	339.58424	130.38101	13.18783	0.1010551	0.21134672	2.7912948	21	—	—
360110 2013 CZ_{15}	16.5	X	207.00397	48.81414	73.34280	2.42891	0.1310738	0.17825384	3.1268721	21	8 24.5	21.3
360111 2013 CA_{16}	17.0	X	353.94032	85.41509	356.84352	3.77526	0.0754256	0.21463521	2.7627107	21	—	—
360112 2013 CG_{16}	15.9	X	86.70376	316.50586	1.86412	4.97818	0.0884650	0.20037959	2.8922360	21	12 18.6	20.2
360113 2013 CM_{16}	17.3	X	78.60299	335.40616	182.52002	2.93801	0.2477934	0.26222983	2.4173970	21	6 9.6	20.1
360114 2013 CY_{16}	16.7	X	241.00135	38.19919	176.89303	2.75077	0.1172722	0.21240972	2.7819743	21	—	—
360115 2013 CK_{17}	18.3	X	180.89845	274.53486	279.05250	2.38245	0.1004071	0.30534003	2.1841387	21	11 8.4	21.2
360116 2013 CS_{17}	17.4	X	69.31802	142.82801	120.06342	6.67004	0.0849769	0.29009472	2.2600055	21	10 3.9	20.2
360117 2013 CG_{20}	15.8	X	238.33748	143.65418	270.36566	8.12452	0.0801712	0.17535286	3.1612644	21	7 7.1	20.4
360118 2013 CS_{20}	17.2	X	331.66616	275.89827	336.86289	3.58025	0.1095470	0.26130542	2.4230950	21	3 27.3	19.8
360119 2013 CK_{21}	18.1	X	144.45352	89.34257	359.78227	2.47016	0.1325181	0.26855168	2.3793088	21	5 8.9	21.4
360120 2013 CQ_{21}	16.8	X	268.24558	157.30735	13.11536	3.94954	0.0373002	0.21373636	2.7704508	21	—	—
360121 2013 CE_{25}	16.4	X	188.60498	272.30888	284.20143	3.86084	0.1232117	0.19472388	2.9479712	21	11 3.6	21.0
360122 2013 CH_{27}	16.3	X	113.94248	56.61213	190.95841	8.98684	0.0852165	0.18478697	3.0527307	21	10 22.6	20.9
360123 2013 CT_{27}	16.8	X	178.07692	305.59563	292.66825	3.24466	0.0130929	0.20985396	2.8045161	21	12 23.5	20.5
360124 2013 CW_{27}	18.1	X	182.28047	236.27211	152.79365	1.62148	0.1993870	0.26813194	2.3817912	21	4 4.0	22.0
360125 2013 CA_{30}	16.3	X	291.71184	341.37876	87.40518	3.69156	0.0334120	0.19026920	2.9938065	21	10 11.0	20.4
360126 2013 CZ_{31}	17.0	X	78.31476	344.31417	161.14930	12.53629	0.1226808	0.26084245	2.4259613	21	5 4.3	20.0
360127 2013 CN_{32}	16.5	X	247.92936	83.51587	132.67519	8.45212	0.1641777	0.21234533	2.7825368	21	—	—
360128 2013 CK_{33}	16.1	X	241.22489	301.07216	158.86438	16.19777	0.1492802	0.18538729	3.0461369	21	8 29.6	20.7
360129 2013 CX_{34}	16.4	X	300.84815	243.78756	300.88481	10.80196	0.1140888	0.22677056	2.6632480	21	—	—
360130 2013 CA_{35}	17.7	X	252.84364	272.72652	174.67338	4.34076	0.1082574	0.30243649	2.1980957	21	9 11.1	20.3
360131 2013 CK_{35}	16.8	X	338.24667	200.99744	329.16565	7.60375	0.1581338	0.23259525	2.6185980	21	—	—
360132 2013 CL_{35}	16.1	X	157.88623	44.61054	149.50645	11.70661	0.1415886	0.17995313	3.1071564	21	10 5.9	21.2
360133 2013 CA_{37}	17.4	X	229.01727	336.24232	322.12769	18.49457	0.0484985	0.35732432	1.9668036	21	1 8.6	19.8
360134 2013 CG_{37}	15.9	X	330.35843	23.18209	142.67134	15.60683	0.1046789	0.22937509	2.6430490	21	—	—
360135 2013 CL_{37}	16.8	X	356.54986	139.82858	26.77647	15.64881	0.1245480	0.23933132	2.5692302	21	1 13.4	20.2
360136 2013 CY_{37}	16.7	X	313.35641	12.19873	183.95464	11.97462	0.1138656	0.23308094	2.6149589	21	—	—
360137 2013 CO_{38}	16.5	X	1.70534	157.23248	334.06582	13.14359	0.1240557	0.23219153	2.6216324	21	—	—
360138 2013 CP_{38}	17.5	X	155.93147	286.92577	135.42608	5.71061	0.2127000	0.26671501	2.3902193	21	4 25.4	21.4
360139 2013 CV_{39}	15.4	X	325.12415	234.94580	130.89414	16.27670	0.0620396	0.17990086	3.1077582	21	9 3.5	19.6
360140 2013 CS_{43}	16.5	X	264.50937	179.55028	340.79228	5.31300	0.0948562	0.20957685	2.8069877	21	12 22.8	20.1
360141 2013 CY_{45}	15.9	X	201.39606	327.72148	172.42973	8.53061	0.0441992	0.18155464	3.0888570	21	9 14.7	20.3
360142 2013 CD_{46}	17.4	X	128.95678	249.90888	180.24164	2.28867	0.1716212	0.25888839	2.4381533	21	4 2.7	20.8
360143 2013 CS_{48}	14.0	X	245.87613	72.74291	76.53521	7.26193	0.0301615	0.08208746	5.2434625	21	11 6.0	20.9
360144 2013 CY_{50}	16.6	X	177.74593	359.50485	284.43269	4.16976	0.0427751	0.22377152	2.6869908	21	—	—
360145 2013 CU_{52}	16.8	X	263.08458	161.15030	119.86003	4.05510	0.1118861	0.24546546	2.5262468	21	2 8.9	20.4
360146 2013 CQ_{53}	17.1	X	78.55132	55.76177	326.82577	5.47943	0.0405998	0.22032849	2.7149111	21	—	—
360147 2013 CU_{54}	16.1	X	243.51989	48.43525	63.00141	12.26204	0.1398175	0.18876676	3.0096710	21	9 23.7	20.7
360148 2013 CZ_{54}	16.3	X	67.17958	239.12203	347.50699	22.98950	0.1562407	0.27321654	2.3521485	21	8 23.3	19.3
360149 2013 CH_{58}	17.5	X	284.48956	163.45786	296.94849	3.33050	0.0227675	0.31195420	2.1531560	21	12 2.6	19.6
360150 2013 CM_{58}	17.3	X	113.40746	221.73733	315.99945	1.28467	0.1536629	0.27591528	2.3367857	21	8 5.9	20.4
360151 2013 CX_{59}	15.7	X	117.52412	338.10323	184.31852	5.93104	0.0306274	0.16256791	3.3249069	21	7 4.5	20.6
360152 2013 CO_{62}	17.7	X	129.76631	257.40849	322.08226	5.30554	0.0846599	0.29757270	2.2219826	21	10 13.7	20.7
360153 2013 CM_{65}	16.4	X	265.18708	257.29484	320.29674	14.16562	0.0679880	0.22488720	2.6780965	21	—	—
360154 2013 CR_{65}	15.5	X	309.51810	358.68529	313.35017	8.66420	0.0105228	0.15483865	3.4346551	21	6 6.4	20.4
360155 2013 CC_{66}	17.5	X	83.65421	321.23667	279.48994	1.79820	0.1375990	0.28731238	2.2745727	21	9 24.3	20.4
360156 2013 CF_{66}	16.3	X	242.29527	282.44157	306.94247	5.02480	0.0850855	0.21955641	2.7212721	21	—	—
360157 2013 CO_{66}	17.8	X	108.76584	340.51779	275.65136	2.22576	0.1483040	0.29946014	2.2126363	21	11 14.3	20.9
360158 2013 CQ_{66}	17.2	X	150.76675	285.72856	155.07430	6.74023	0.1060108	0.26498216	2.4006285	21	5 5.9	20.7
360159 2013 CP_{68}	16.4	X	320.86836	212.28425	185.00682	9.19010	0.0428842	0.18817664	3.0159600	21	10 8.0	20.3
360160 2013 CC_{69}	13.5	X	300.82709	147.28793	304.90125	7.46431	0.0340775	0.08153808	5.2669889	21	10 30.5	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360161 2013 CK_{69}	15.8	X	73.74973	310.00790	310.06024	4.16405	0.1021455	0.17367644	3.1815745	21	9 20.6	20.4
360162 2013 CJ_{71}	13.2	X	20.82707	222.58343	151.44308	23.29171	0.1227713	0.08337243	5.1894471	21	11 22.4	19.9
360163 2013 CC_{72}	16.2	X	315.77170	204.66683	135.65326	12.78607	0.0615363	0.17147721	3.2087197	21	7 14.9	20.6
360164 2013 CS_{72}	16.8	X	36.44126	261.45520	139.55135	14.13107	0.1965999	0.22460819	2.6803139	21	—	—
360165 2013 CE_{80}	17.9	X	126.18669	312.94557	254.53917	2.94822	0.0932165	0.29372427	2.2413490	21	9 24.3	20.9
360166 2013 CJ_{80}	17.2	X	319.46431	36.48318	176.12804	1.38536	0.1233861	0.23839906	2.5759239	21	1 17.8	20.4
360167 2013 CC_{83}	16.3	X	188.48675	176.92669	347.13132	10.41844	0.2495860	0.18475164	3.0531198	21	9 20.3	21.7
360168 2013 CN_{87}	17.1	X	355.28862	107.92235	320.25612	2.81810	0.0862683	0.21605771	2.7505711	21	—	—
360169 2013 CF_{96}	17.1	X	320.55225	305.38027	173.83067	1.64563	0.0231479	0.21380596	2.7698496	21	—	—
360170 2013 CS_{101}	16.4	X	217.20238	287.05831	326.69016	13.11871	0.0904225	0.21730338	2.7400494	21	—	—
360171 2013 CZ_{102}	13.4	X	270.57949	145.82230	339.87730	16.42753	0.1651718	0.08372202	5.1749910	21	10 13.1	20.4
360172 2013 CF_{112}	16.0	X	177.23629	174.54124	126.17494	15.28168	0.1110663	0.22160774	2.7044530	21	—	—
360173 2013 CF_{114}	16.3	X	352.74677	229.19673	179.83609	5.99597	0.0685646	0.20151309	2.8813800	21	12 9.8	20.0
360174 2013 CG_{118}	16.9	X	359.01700	140.82745	130.15508	3.71141	0.0767083	0.26891814	2.3771467	21	6 14.8	19.5
360175 2013 CJ_{120}	17.6	X	167.80665	271.87130	141.71279	5.36774	0.2432277	0.26583388	2.3954981	21	4 26.1	21.6
360176 2013 CV_{121}	17.5	X	50.13972	224.14057	334.67073	0.70968	0.1793785	0.26190014	2.4194254	21	6 9.9	19.7
360177 2013 CK_{130}	16.4	X	307.76380	332.10834	156.70403	4.83173	0.1532014	0.21183179	2.7870320	21	—	—
360178 2013 CQ_{130}	17.7	X	126.40904	41.40694	172.60279	0.57090	0.1527119	0.29074272	2.2566462	21	10 8.0	21.0
360179 2013 CN_{131}	17.3	X	151.00458	279.20669	209.21684	6.01453	0.0385484	0.27493729	2.3423239	21	7 2.2	20.4
360180 2013 CD_{137}	13.3	X	267.13776	344.23965	156.44347	10.91513	0.0533201	0.08195262	5.2492126	21	11 17.7	20.3
360181 2013 CR_{137}	15.7	X	215.31461	172.97493	343.03000	10.14060	0.0131677	0.18638546	3.0352516	21	10 20.2	20.2
360182 2013 CC_{176}	17.1	X	130.55479	284.62645	181.42821	6.64777	0.0783538	0.26408139	2.4060844	21	5 11.9	20.3
360183 2013 CS_{176}	17.3	X	123.98147	221.70768	314.81302	5.97396	0.0666797	0.28143450	2.3061337	21	8 7.8	20.2
360184 2013 CG_{177}	16.7	X	76.05306	130.42507	115.57929	23.62501	0.1702784	0.28605188	2.2812498	21	10 9.0	20.4
360185 2013 CP_{177}	13.7	X	325.29519	280.75547	145.25172	8.86314	0.0923918	0.08296544	5.2064044	21	11 1.4	20.3
360186 2013 CV_{179}	17.7	X	169.53158	103.86968	69.78105	5.92276	0.0965214	0.29870468	2.2163654	21	10 2.9	20.8
360187 2013 CU_{180}	17.7	X	69.76225	20.99355	252.06329	2.70416	0.1584356	0.29389635	2.2404740	21	10 25.5	20.5
360188 2013 CZ_{181}	16.2	X	261.89435	261.86339	187.54226	10.94281	0.0453261	0.18492761	3.0511827	21	9 23.7	20.3
360189 2013 CY_{191}	16.3	X	353.00852	52.36713	99.86007	11.88307	0.0923571	0.23484049	2.6018808	21	—	—
360190 2013 DN_{9}	17.2	X	22.24983	276.51770	330.10653	4.44393	0.1222984	0.26943852	2.3740850	21	6 22.3	19.5
360191 1988 TA	20.6	X	70.61265	105.26151	194.66862	2.53204	0.4787123	0.51569524	1.5400706	21	—	—
360192 1991 FB	19.0	X	92.99558	220.04825	17.94309	9.03786	0.5697033	0.27105772	2.3646209	21	10 30.9	24.0
360193 1995 SF_{35}	17.3	X	73.29313	62.69694	18.87322	6.18707	0.2556485	0.24199664	2.5503307	21	2 15.9	19.7
360194 1995 SV_{41}	16.2	X	286.84445	280.41137	175.35888	9.80752	0.2069656	0.19024699	2.9940394	21	10 14.7	19.8
360195 1995 UC_{21}	16.5	X	156.32475	113.85492	206.91203	14.18217	0.1616422	0.20304924	2.8668291	21	—	—
360196 1996 ND	16.3	X	229.86090	202.34204	114.85930	15.21365	0.2541764	0.22371672	2.6874295	21	2 20.5	21.1
360197 1996 TS_{47}	16.8	X	160.35931	179.95007	136.95358	5.09575	0.0591790	0.21049882	2.7987854	21	—	—
360198 1997 SO_{24}	16.9	X	157.07985	25.51849	300.14100	1.29383	0.0845070	0.21965458	2.7204612	21	—	—
360199 1997 SQ_{30}	16.6	X	209.61895	314.41848	25.22644	15.03604	0.1114634	0.22721620	2.6597645	21	3 7.7	20.9
360200 1997 UF_{8}	15.9	X	265.82631	285.47736	13.53329	28.93896	0.4353721	0.23499553	2.6007362	21	2 25.9	21.3
360201 1997 WF_{9}	16.4	X	247.92233	268.22109	43.54722	14.08015	0.1861651	0.22912001	2.6450103	21	3 7.3	20.9
360202 1997 WK_{27}	17.6	X	58.64449	272.05400	28.35246	4.07008	0.1711962	0.28909323	2.2652220	21	11 19.1	20.6
360203 1998 DT_{8}	17.7	X	88.93614	51.26772	144.85653	6.04768	0.2233968	0.26653586	2.3912902	21	8 11.1	21.1
360204 1998 SE_{31}	15.3	X	10.72727	25.03769	345.42945	20.73798	0.0196048	0.17737570	3.1371839	21	10 28.2	20.0
360205 1998 SZ_{32}	16.4	X	84.42381	145.89197	174.05187	9.69738	0.0802195	0.17923820	3.1154132	21	12 14.2	21.1
360206 1998 SF_{146}	14.8	X	63.95740	316.95413	21.69331	15.40182	0.2191636	0.17682667	3.1436743	21	12 30.0	19.8
360207 1998 TE_{22}	16.8	X	85.16446	81.11606	30.26964	5.98189	0.1253602	0.23506816	2.6002005	21	3 28.9	19.8
360208 1998 VL_{2}	16.6	X	170.80114	121.86939	238.55172	4.96857	0.2850606	0.23488391	2.6015601	21	2 23.4	21.3
360209 1998 WJ_{7}	18.5	X	42.60337	90.21030	51.83359	8.20023	0.3143450	0.36074579	1.9543479	21	—	—
360210 1998 WZ_{29}	16.6	X	127.95266	150.32551	233.82402	12.77302	0.1002507	0.23097410	2.6308365	21	1 22.6	20.5
360211 1999 CS_{45}	16.8	X	5.15319	329.31607	133.99688	7.41552	0.3996558	0.21878862	2.7276349	21	—	—
360212 1999 FD_{88}	16.8	X	296.98251	170.96987	359.24600	7.84786	0.0588826	0.21231273	2.7828215	21	—	—
360213 1999 PY_{5}	15.9	X	53.60650	192.66493	138.18186	15.29553	0.0523469	0.18831554	3.0144767	21	11 22.9	20.4
360214 1999 PH_{8}	17.5	X	353.47282	152.76273	169.15700	2.84046	0.1918408	0.26826035	2.3810310	21	8 26.1	19.0
360215 1999 RJ_{2}	16.0	X	79.00496	189.88863	148.67295	9.42549	0.2592244	0.19093129	2.9868814	21	—	—
360216 1999 RA_{27}	15.4	X	336.37813	204.41968	173.06812	30.67055	0.2975256	0.17825234	3.1268896	21	9 23.2	17.9
360217 1999 RA_{30}	16.8	X	269.34793	210.81804	182.56194	14.43149	0.1700361	0.26412180	2.4058389	21	7 4.6	20.4
360218 1999 RZ_{105}	16.7	X	9.88861	78.39845	221.94403	12.47204	0.2539183	0.26810479	2.3819520	21	9 2.2	18.7
360219 1999 SG_{26}	17.1	X	256.02892	171.06202	187.27088	2.05163	0.2943285	0.25692119	2.4505831	21	4 23.1	21.2
360220 1999 TU_{20}	17.1	X	249.86353	172.54337	197.45735	10.18418	0.2171808	0.25793577	2.4441527	21	5 9.7	20.9
360221 1999 TX_{34}	17.7	X	17.59899	303.58887	9.32139	8.19919	0.4383361	0.27048321	2.3679681	21	11 19.8	20.3
360222 1999 TE_{62}	15.7	X	301.77305	48.58689	36.06105	18.46840	0.0820920	0.17940317	3.1135031	21	11 3.8	19.6
360223 1999 TU_{63}	15.2	X	244.59791	255.89775	218.40352	19.50355	0.1130028	0.17391864	3.1786202	21	9 19.4	20.2
360224 1999 TX_{68}	17.3	X	36.88640	33.77473	231.01523	4.24248	0.1984886	0.26433104	2.4045692	21	8 28.4	19.7
360225 1999 TV_{115}	16.9	X	269.01148	159.86290	205.87533	8.17740	0.2707337	0.26027261	2.4295010	21	5 16.7	20.5
360226 1999 TP_{161}	17.4	X	246.26906	206.44373	151.20319	2.74673	0.1998146	0.25602274	2.4563129	21	4 21.7	21.3
360227 1999 TW_{259}	16.9	X	281.76214	138.95628	194.13207	3.52797	0.1465909	0.25773381	2.4454293	21	5 3.4	20.2
360228 1999 TH_{321}	16.6	X	69.15084	175.74505	173.46090	4.03472	0.1558868	0.18742280	3.0240417	21	—	—
360229 1999 VL_{11}	17.6	X	6.53430	302.74071	58.09207	35.29342	0.2150077	0.40649966	1.8048007	21	—	—
360230 1999 VG_{116}	17.0	X	237.22847	181.15205	185.68308	2.70446	0.0980747	0.25282859	2.4769577	21	5 2.1	20.5
360231 1999 VM_{138}	15.6	X	113.69610	178.43291	65.44558	10.96105	0.0716577	0.17552958	3.1591422	21	10 18.8	20.4
360232 1999 VD_{155}	16.7	X	21.51567	143.88244	224.60251	4.60119	0.1612237	0.18122171	3.0926391	21	12 6.3	20.5
360233 1999 VR_{174}	16.4	X	225.99263	291.61539	187.60367	9.67113	0.1796207	0.17359320	3.1825916	21	9 1.4	21.6
360234 2000 BF_{41}	16.7	X	190.46859	243.42912	135.48451	3.69184	0.2870439	0.24413629	2.5354078	21	4 2.9	21.3
360235 2000 BV_{42}	16.7	X	236.23490	351.02746	316.91904	14.83420	0.1278180	0.23539437	2.5977977	21	2 13.6	20.8
360236 2000 BQ_{44}	17.0	X	16.69407	35.03244	115.97686	3.71067	0.1798110	0.23432384	2.6057039	21	1 18.9	19.3
360237 2000 BS_{48}	17.1	X	103.74496	96.02066	324.86459	1.07267	0.2035202	0.23673974	2.5879463	21	2 26.1	20.2
360238 2000 CC_{120}	16.3	X	9.99363	55.51131	148.24965	5.92032	0.1440412	0.23803484	2.5785508	21	3 27.5	18.8
360239 2000 CJ_{125}	16.4	X	65.70809	6.10592	125.66639	10.63323	0.1439956	0.23763668	2.5814303	21	4 1.3	19.4
360240 2000 DU_{10}	17.3	X	323.30191	253.88349	327.83076	4.11269	0.2677883	0.23221409	2.6214626	21	1 15.3	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360241 2000 ED_{16}	17.4	X	136.74753	117.62625	292.33860	0.99995	0.1688646	0.23630441	2.5911238	21	3 17.7	21.1
360242 2000 EU_{165}	16.4	X	70.73699	251.60476	163.09489	22.16734	0.0369869	0.22631244	2.6668408	21	—	—
360243 2000 EG_{196}	16.8	X	13.99704	4.82811	183.24036	2.64262	0.0862500	0.23492644	2.6012462	21	3 13.4	19.8
360244 2000 FN_{7}	17.0	X	302.40208	40.40140	187.15596	6.18388	0.0730549	0.22825010	2.6517265	21	1 23.5	20.8
360245 2000 GG_{4}	16.3	X	29.52163	93.25217	36.17987	28.72358	0.3425461	0.23126105	2.6286598	21	—	—
360246 2000 GW_{11}	16.4	X	13.03412	352.31049	187.08392	13.61416	0.1818557	0.23303245	2.6153217	21	2 18.8	19.1
360247 2000 GH_{14}	17.7	X	155.45035	213.04957	39.40612	3.13646	0.2587188	0.30344066	2.1932436	21	12 20.8	21.5
360248 2000 GN_{23}	16.8	X	276.33042	72.36953	191.41115	12.70128	0.1324047	0.22823373	2.6518533	21	1 29.9	21.0
360249 2000 GQ_{127}	16.5	X	133.45729	300.87840	16.62220	46.45194	0.3949326	0.30530235	2.1843184	21	—	—
360250 2000 GH_{186}	16.5	X	34.01046	102.92917	42.40827	13.25265	0.1094489	0.22891542	2.6465861	21	2 24.8	19.7
360251 2000 HL_{20}	17.5	X	140.77434	74.22720	46.95144	22.56102	0.1535410	0.38099217	1.8844821	21	6 13.0	20.1
360252 2000 HV_{53}	16.3	X	248.45565	243.78122	62.60119	7.84678	0.3266750	0.22360673	2.6883108	21	2 18.9	21.3
360253 2000 HH_{102}	17.2	X	50.57802	257.89953	219.53633	3.81820	0.1218271	0.22780416	2.6551860	21	2 6.6	20.1
360254 2000 JU_{3}	17.0	X	354.45566	179.76749	66.55397	22.69193	0.0863966	0.37441361	1.9064919	21	4 26.4	18.8
360255 2000 JF_{6}	16.4	X	314.72317	6.58393	216.78030	14.39383	0.1984405	0.22815161	2.6524896	21	1 13.6	20.5
360256 2000 JB_{8}	17.6	X	298.35025	139.35245	136.07591	2.37742	0.1891275	0.23043406	2.6349453	21	3 5.7	21.4
360257 2000 JY_{78}	16.0	X	1.41329	67.04599	85.25443	13.48939	0.2148602	0.22715847	2.6602151	21	—	—
360258 2000 JD_{80}	16.0	X	346.47077	126.07768	46.20212	12.95559	0.0990098	0.22525260	2.6751995	21	1 11.2	19.6
360259 2000 KX_{10}	16.1	X	316.03049	335.75398	236.93864	12.49146	0.1067739	0.22533895	2.6745160	21	1 15.7	20.0
360260 2000 KN_{37}	16.5	X	319.41954	136.98751	51.86567	9.10882	0.1231065	0.22352719	2.6889484	21	—	—
360261 2000 OO_{11}	16.1	X	207.75503	34.13766	292.24086	9.66656	0.3027625	0.21706673	2.7420406	21	2 11.1	21.3
360262 2000 OX_{60}	16.2	X	194.46987	346.59286	329.51081	9.78357	0.2632829	0.21356464	2.7719357	21	1 25.5	21.2
360263 2000 QJ_{184}	17.5	X	56.88011	278.37060	58.76332	3.64819	0.2425607	0.29171204	2.2516444	21	—	—
360264 2000 QL_{220}	17.3	X	3.18300	358.94949	327.56467	4.24519	0.1908284	0.28353477	2.2947313	21	9 28.6	19.0
360265 2000 SN_{53}	17.4	X	41.41658	344.60585	344.85062	3.27427	0.1953122	0.28745824	2.2738032	21	12 10.4	20.3
360266 2000 SZ_{84}	16.8	X	324.99859	330.48525	30.73578	7.30322	0.1294076	0.27877080	2.3208008	21	9 2.4	19.0
360267 2000 SH_{116}	16.6	X	322.85341	310.38455	35.22190	6.56702	0.2072269	0.27715568	2.3298083	21	7 20.7	18.5
360268 2000 SC_{186}	16.4	X	157.92270	163.63597	190.62278	7.82164	0.2371364	0.20913545	2.8109359	21	2 6.4	21.1
360269 2000 SF_{200}	17.3	X	339.19922	333.63605	17.62458	5.89281	0.1839714	0.28033575	2.3121556	21	9 14.2	18.7
360270 2000 SL_{218}	16.3	X	38.53919	252.65320	61.49129	10.75863	0.2323771	0.28413261	2.2915113	21	11 21.6	19.1
360271 2000 SJ_{239}	17.3	X	26.21738	148.64880	179.90324	5.11367	0.1845603	0.28401271	2.2921561	21	11 17.3	19.7
360272 2000 SE_{254}	17.3	X	35.78204	220.86168	89.14434	3.34418	0.2430738	0.28463603	2.2888086	21	11 14.6	19.8
360273 2000 SU_{260}	17.7	X	5.27656	199.53170	144.26203	2.05450	0.2357188	0.28325404	2.2962472	21	11 11.1	19.5
360274 2000 SZ_{297}	17.1	X	3.73669	130.55790	229.19457	5.81298	0.2072946	0.28454127	2.2893167	21	11 27.6	19.0
360275 2000 SU_{300}	17.1	X	5.37670	86.49488	250.82774	2.53203	0.2711145	0.28282745	2.2985556	21	11 6.0	18.7
360276 2000 SD_{302}	17.3	X	259.52634	7.76464	7.57929	9.69443	0.1778917	0.27153563	2.3618456	21	5 26.1	20.8
360277 2000 SJ_{364}	16.0	X	168.00378	245.27792	100.24013	10.66459	0.2378879	0.21068508	2.7971357	21	2 8.1	20.8
360278 2000 TN_{27}	16.9	X	169.56547	118.89486	276.65784	7.71869	0.3011175	0.26196495	2.4190263	21	4 2.1	21.4
360279 2000 TJ_{31}	17.5	X	32.24242	230.09989	81.98633	4.36733	0.0442275	0.28220456	2.3019367	21	10 11.8	20.2
360280 2000 UH_{16}	15.9	X	0.87408	301.68028	61.40546	24.22060	0.3141776	0.28371494	2.2937597	21	12 12.9	17.9
360281 2000 UN_{76}	16.4	X	308.30568	162.65740	201.39890	22.03204	0.1048437	0.27522993	2.3406633	21	7 28.5	19.6
360282 2000 VQ_{22}	17.4	X	288.12194	359.74960	28.26749	3.60116	0.1983960	0.27514633	2.3411374	21	7 21.8	20.0
360283 2000 WG_{25}	16.7	X	285.71940	280.71526	109.65321	7.46012	0.1181221	0.27410818	2.3470448	21	8 4.5	19.2
360284 2000 WU_{29}	17.8	X	209.02708	292.76135	44.80995	15.05126	0.2072602	0.35707377	1.9677235	21	2 19.3	21.1
360285 2000 WD_{110}	16.5	X	343.52195	335.03723	3.04935	5.54779	0.2484103	0.27661234	2.3328582	21	8 31.9	17.5
360286 2000 WT_{117}	16.6	X	109.92733	67.75080	71.26786	10.43267	0.2130069	0.25850703	2.4405506	21	6 16.6	20.0
360287 2000 WL_{184}	17.3	X	36.27246	335.46978	92.35644	8.28424	0.2679393	0.24478653	2.5309159	21	—	—
360288 2001 BM_{3}	15.4	X	158.91585	69.69948	97.49163	26.75635	0.2000539	0.16885480	3.2418564	21	9 11.6	21.3
360289 2001 BH_{39}	15.6	X	188.21094	18.51935	127.08745	14.94053	0.0959871	0.17117534	3.2124910	21	9 6.8	20.7
360290 2001 DC_{49}	15.3	X	171.75265	89.61928	109.92769	16.80140	0.2484730	0.17399024	3.1777481	21	10 26.8	21.1
360291 2001 DQ_{97}	16.1	X	59.76979	202.99629	347.16208	14.63015	0.0816295	0.25420483	2.4680096	21	5 25.3	19.4
360292 2001 LP_{1}	15.9	X	294.47937	285.79856	43.63404	7.03612	0.2952245	0.24016367	2.5632906	21	4 24.2	19.6
360293 2001 OU_{9}	16.6	X	270.06262	35.21484	307.21720	2.48340	0.3034743	0.23815260	2.5777007	21	4 14.0	20.9
360294 2001 OO_{26}	16.4	X	259.82569	296.51093	347.77999	8.34626	0.1146766	0.23210545	2.6222806	21	2 12.7	20.4
360295 2001 OO_{85}	15.9	X	266.44953	63.55799	262.18987	9.63025	0.2522422	0.23537263	2.5979577	21	3 22.8	20.4
360296 2001 PQ_{31}	16.1	X	218.72631	118.20512	234.18647	13.84889	0.1325134	0.23064863	2.6333108	21	3 20.1	20.5
360297 2001 QG_{19}	16.2	X	187.90291	343.11297	336.55502	13.57071	0.2517905	0.22238460	2.6981509	21	1 24.9	21.0
360298 2001 QP_{184}	16.1	X	263.13235	115.20811	198.01961	12.31636	0.1924128	0.23328573	2.6134284	21	3 12.7	20.3
360299 2001 QU_{208}	16.2	X	86.01228	44.67668	331.94093	12.35602	0.1192126	0.21549847	2.7553277	21	—	—
360300 2001 QD_{211}	16.4	X	244.01408	318.10957	334.18316	7.22445	0.1748665	0.22667762	2.6639759	21	2 3.5	20.8
360301 2001 QG_{229}	16.9	X	276.79803	342.93061	299.22850	6.78588	0.3599579	0.23264799	2.6182022	21	2 3.3	21.6
360302 2001 QE_{259}	16.1	X	209.02706	333.29082	324.60519	13.18178	0.1525860	0.22138260	2.7062862	21	1 13.2	20.6
360303 2001 RK_{7}	16.1	X	186.81367	216.51799	163.16020	11.83812	0.1428202	0.22905541	2.6455076	21	3 30.5	20.3
360304 2001 RO_{34}	16.2	X	215.26852	71.11048	263.51748	3.79476	0.1555306	0.22823272	2.6518611	21	2 26.1	20.5
360305 2001 RO_{59}	18.2	X	133.59594	266.29572	41.75992	4.54179	0.2075993	0.31276750	2.1494217	21	—	—
360306 2001 RD_{74}	16.3	X	164.21750	141.50663	205.26117	12.39101	0.2131541	0.21954760	2.7213449	21	1 29.5	21.0
360307 2001 SD_{3}	16.3	X	268.38328	290.84866	25.12091	12.40225	0.2234730	0.23105792	2.6302002	21	3 23.8	20.5
360308 2001 SS_{10}	16.6	X	314.11284	281.20453	2.31623	9.03360	0.2416566	0.23713912	2.5850399	21	3 26.4	20.0
360309 2001 SM_{33}	16.7	X	298.22589	279.82196	7.97732	28.73231	0.3262721	0.23404277	2.6077897	21	3 12.1	20.9
360310 2001 SA_{34}	16.6	X	210.34293	177.17122	184.57508	14.28268	0.1138276	0.22748697	2.6576535	21	3 29.3	20.6
360311 2001 SF_{39}	17.1	X	144.54058	268.67185	34.99190	5.23461	0.1914206	0.31216007	2.1522092	21	—	—
360312 2001 SF_{83}	16.9	X	190.15472	356.27172	322.99652	7.11532	0.1738086	0.22273835	2.6952934	21	1 21.0	21.3
360313 2001 SZ_{102}	18.1	X	132.23528	346.86796	324.52295	2.41472	0.1831141	0.31231483	2.1514982	21	—	—
360314 2001 SX_{126}	17.1	X	241.10287	27.26233	280.72535	2.77295	0.2094504	0.22792458	2.6542507	21	2 15.8	21.5
360315 2001 SO_{141}	17.3	X	300.27262	85.94801	205.96936	4.20772	0.2381554	0.23488863	2.6015253	21	3 20.1	20.9
360316 2001 SX_{161}	17.7	X	79.23008	341.50763	358.79134	4.64909	0.2099072	0.30716187	2.1754938	21	—	—
360317 2001 SU_{177}	16.3	X	40.05818	204.67048	184.76578	17.19004	0.2940204	0.20508790	2.8477991	21	—	—
360318 2001 SA_{214}	16.6	X	260.18049	275.65929	23.84885	7.36439	0.2231623	0.22934398	2.6432880	21	2 24.5	21.0
360319 2001 SA_{225}	16.8	X	246.76191	286.55446	15.70959	13.91693	0.2765173	0.22788983	2.6545205	21	2 17.1	21.7
360320 2001 SY_{225}	18.0	X	329.13441	30.82729	13.49162	9.61482	0.1053401	0.29866772	2.2165483	21	11 16.1	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360321 2001 SU_{284}	17.3	X	123.85707	171.24501	202.04081	3.31724	0.1575109	0.21750057	2.7383930	21	1 18.0	21.1
360322 2001 SU_{322}	16.6	X	244.32573	100.99815	231.58206	11.94066	0.1928021	0.22990251	2.6390051	21	3 17.2	21.1
360323 2001 TC_{7}	17.2	X	282.04923	160.14196	154.25702	6.42844	0.3234241	0.23383908	2.6093038	21	3 22.1	21.4
360324 2001 TF_{13}	17.5	X	262.47349	318.17825	31.71409	21.70398	0.0864557	0.38246837	1.8796300	21	4 27.4	19.2
360325 2001 TF_{69}	18.2	X	96.46315	128.31821	199.54347	3.98303	0.2160405	0.30833066	2.1699925	21	—	—
360326 2001 TE_{100}	17.3	X	18.37106	343.66289	15.93666	7.47455	0.1164550	0.29951126	2.2123846	21	12 9.2	19.8
360327 2001 TZ_{114}	16.0	X	302.01340	11.77118	23.87451	15.30352	0.2457408	0.19064155	2.9899069	21	8 19.6	19.8
360328 2001 TR_{123}	16.4	X	178.20666	120.48431	222.34396	11.81099	0.2834382	0.22190531	2.7020347	21	2 7.6	21.4
360329 2001 TO_{175}	16.9	X	264.14291	88.39864	202.80691	14.35155	0.2854311	0.22963283	2.6410709	21	2 6.8	21.7
360330 2001 TE_{189}	15.9	X	250.80931	72.08159	233.99811	14.71487	0.2961192	0.22621503	2.6676064	21	2 12.2	21.0
360331 2001 TU_{192}	16.1	X	234.55722	312.63317	31.62484	13.92062	0.2723906	0.22735970	2.6586452	21	3 27.8	20.8
360332 2001 TE_{194}	17.3	X	80.86032	90.10640	233.52391	5.24204	0.2137995	0.30438319	2.1887136	21	—	—
360333 2001 TO_{196}	17.4	X	309.46800	278.88130	60.35222	23.37108	0.0387767	0.38678133	1.8656308	21	7 8.4	19.4
360334 2001 TR_{223}	16.6	X	249.84550	32.43841	278.57128	5.49846	0.2434447	0.22768798	2.6560891	21	2 23.3	21.3
360335 2001 TB_{260}	17.6	X	155.92059	230.53425	36.44798	6.13007	0.1214920	0.30861209	2.1686731	21	—	—
360336 2001 TE_{262}	18.0	X	145.41769	244.12213	64.04707	5.15601	0.1987834	0.31326345	2.1471526	21	—	—
360337 2001 UR_{1}	15.5	X	256.79991	267.68693	59.71984	27.41929	0.4101283	0.22986463	2.6392951	21	3 28.3	21.0
360338 2001 UO_{11}	15.6	X	251.22189	280.39451	62.97537	29.48377	0.3375808	0.23259108	2.6186292	21	4 15.4	20.7
360339 2001 UY_{13}	17.4	X	218.58644	344.79680	89.89526	5.92818	0.2246483	0.28230064	2.3014143	21	7 1.5	21.1
360340 2001 UU_{15}	16.2	X	155.02181	322.13538	27.35165	14.06886	0.0914965	0.21621010	2.7492785	21	1 20.7	20.5
360341 2001 UK_{28}	16.4	X	236.57672	282.62641	34.04115	13.45168	0.1991576	0.22622834	2.6675017	21	3 2.3	21.0
360342 2001 UL_{58}	18.1	X	285.68264	27.64758	20.48227	2.99975	0.1538489	0.29178114	2.2512890	21	8 27.0	20.2
360343 2001 UC_{67}	18.2	X	104.89153	117.55587	198.64979	3.04109	0.2312546	0.30800427	2.1715253	21	—	—
360344 2001 UC_{102}	18.1	X	284.12660	224.11853	184.53442	3.12176	0.1761095	0.29157573	2.2523462	21	8 18.6	20.4
360345 2001 UR_{120}	16.1	X	241.01121	110.06935	208.88592	12.15581	0.1601841	0.22439765	2.6819902	21	2 28.9	20.6
360346 2001 UC_{143}	16.1	X	283.94215	93.65130	207.94412	10.45908	0.2958747	0.23077461	2.6323524	21	3 7.2	20.4
360347 2001 UN_{148}	16.6	X	96.60229	321.95734	50.90454	4.88131	0.1097626	0.21025985	2.8009057	21	—	—
360348 2001 VT_{87}	16.0	X	142.23869	329.10407	35.52314	15.19411	0.2165833	0.21888953	2.7267965	21	2 10.3	20.5
360349 2001 VD_{129}	16.5	X	243.52270	124.05644	181.99028	14.68882	0.1782911	0.22404779	2.6847814	21	2 15.9	21.0
360350 2001 VO_{133}	16.7	X	218.75829	110.82997	165.28596	9.48783	0.0190756	0.21447655	2.7640730	21	—	—
360351 2001 WL_{23}	16.9	X	320.37225	246.85405	214.74882	14.14583	0.1131553	0.20338233	2.8636981	21	12 27.2	20.5
360352 2001 WY_{61}	16.2	X	216.81878	263.66583	52.28668	16.22721	0.2058590	0.22039300	2.7143813	21	2 14.6	21.1
360353 2001 XN_{134}	16.4	X	111.94241	303.90470	81.17787	10.09130	0.1665387	0.21191977	2.7862606	21	1 22.8	20.2
360354 2001 XW_{223}	16.2	X	23.62218	347.75408	63.37835	11.95313	0.1185194	0.20288287	2.8683961	21	—	—
360355 2001 XH_{229}	18.3	X	237.40071	27.80515	45.70095	2.99285	0.1879920	0.28479316	2.2879666	21	7 22.4	21.6
360356 2001 XV_{229}	17.7	X	308.91773	331.12243	75.23839	7.37514	0.1645072	0.29219266	2.2491747	21	10 11.5	19.5
360357 2001 XE_{232}	16.1	X	197.49187	262.13316	68.63411	10.50473	0.1710192	0.21700261	2.7425807	21	2 13.3	20.8
360358 2001 YK_{29}	18.3	X	179.58348	65.48037	43.44845	2.88449	0.1683693	0.28045696	2.3114894	21	7 13.1	22.0
360359 2001 YE_{91}	17.5	X	189.05081	147.51428	298.16641	3.97772	0.1994988	0.27718943	2.3296192	21	6 20.6	21.3
360360 2001 YG_{94}	16.2	X	111.50468	335.22117	35.73582	15.40199	0.1027808	0.21165669	2.7885689	21	—	—
360361 2002 AQ_{4}	16.9	X	199.30743	330.92518	115.52050	25.63779	0.3013781	0.28051126	2.3111911	21	6 29.6	21.2
360362 2002 AQ_{18}	17.5	X	265.48695	226.88332	113.75011	24.28878	0.0777034	0.37377701	1.9086560	21	5 5.4	20.3
360363 2002 AP_{21}	17.6	X	124.21749	312.45960	121.12261	24.01302	0.0923200	0.36611375	1.9351978	21	3 11.6	19.9
360364 2002 AE_{69}	17.7	X	128.71222	334.85849	217.32530	3.64487	0.1675390	0.27718328	2.3296537	21	9 9.9	21.3
360365 2002 AT_{97}	17.3	X	208.63956	165.58763	309.60291	7.58369	0.1843762	0.28205475	2.3027517	21	8 16.3	20.7
360366 2002 AA_{107}	18.0	X	186.93017	36.97267	102.14479	4.18839	0.1626693	0.28099263	2.3085508	21	8 30.6	21.5
360367 2002 AY_{114}	17.6	X	149.31649	47.99269	106.72519	5.45043	0.1628107	0.27704907	2.3304060	21	8 14.1	21.1
360368 2002 AJ_{131}	17.6	X	138.86877	318.30464	132.02818	25.44323	0.0612189	0.36931580	1.9239958	21	4 28.9	20.5
360369 2002 AT_{137}	17.4	X	207.33660	333.14797	104.85444	7.71746	0.2209183	0.27806517	2.3247254	21	6 26.1	21.1
360370 2002 AX_{157}	15.6	X	102.83927	255.01843	301.93781	8.76796	0.1841500	0.17276332	3.1927753	21	8 16.7	20.5
360371 2002 AS_{200}	17.5	X	146.48614	41.58290	123.08558	5.82092	0.0899079	0.27952404	2.3166296	21	8 21.6	20.7
360372 2002 AH_{202}	17.5	X	131.63225	296.84431	146.62018	23.14706	0.0693426	0.36783368	1.9291606	21	4 2.5	19.8
360373 2002 AQ_{202}	16.9	X	275.52599	306.07821	160.71077	2.78619	0.2459848	0.18939781	3.0029821	21	10 5.5	20.7
360374 2002 AW_{202}	17.8	X	179.40769	204.31564	256.29016	2.86202	0.1874429	0.27584582	2.3371779	21	7 1.3	21.5
360375 2002 CV_{23}	16.7	X	104.29187	272.15365	285.85272	11.55490	0.0775313	0.27684675	2.3315412	21	8 10.1	19.9
360376 2002 CE_{51}	17.7	X	142.75158	344.25327	143.90605	1.77281	0.1367750	0.27261950	2.3555813	21	6 29.9	21.1
360377 2002 CK_{87}	17.1	X	102.07985	81.04211	121.87980	5.29924	0.1033333	0.27566062	2.3382246	21	8 22.4	20.2
360378 2002 CU_{115}	15.4	X	177.46812	326.65066	241.43863	19.43901	0.2801133	0.18360370	3.0658325	21	10 31.6	21.1
360379 2002 CF_{131}	16.9	X	99.76804	91.55413	143.33321	6.73442	0.0939266	0.27989196	2.3145990	21	10 3.3	20.0
360380 2002 CQ_{210}	16.5	X	217.11908	59.04040	132.19512	6.98621	0.1967088	0.18775120	3.0205143	21	11 20.7	21.4
360381 2002 CC_{213}	17.8	X	120.88072	171.27531	358.38484	4.02200	0.1451660	0.27334352	2.3514199	21	8 3.5	21.2
360382 2002 CB_{262}	16.6	X	235.44043	33.70220	144.66893	4.52028	0.0629594	0.19148967	2.9810721	21	12 9.5	20.9
360383 2002 CO_{266}	17.2	X	88.92341	303.95270	323.87604	4.90358	0.0975063	0.28295700	2.2978539	21	10 30.7	20.4
360384 2002 CW_{267}	18.0	X	97.60856	92.63898	130.81909	4.37727	0.1272420	0.27691303	2.3311691	21	9 17.8	21.1
360385 2002 CN_{280}	16.6	X	237.05961	331.55326	180.05915	2.70741	0.1545099	0.18683469	3.0303843	21	10 27.6	21.0
360386 2002 CG_{304}	16.0	X	143.09318	34.40008	159.73705	9.96153	0.0417757	0.17810960	3.1285600	21	9 15.7	20.5
360387 2002 CX_{309}	17.4	X	138.61355	261.07225	294.66515	5.86926	0.1306310	0.27995714	2.3142397	21	9 21.2	21.0
360388 2002 CY_{311}	17.2	X	166.46434	2.78835	118.22063	6.55581	0.1332387	0.27378431	2.3488954	21	7 15.2	20.5
360389 2002 CK_{314}	18.4	X	101.64414	37.63913	148.34422	0.28358	0.1436932	0.27190350	2.3597148	21	8 2.1	21.6
360390 2002 CW_{317}	12.8	X	349.24780	72.67408	309.00066	28.99517	0.0820697	0.08480321	5.1309115	21	9 24.9	19.6
360391 2002 DW_{7}	17.1	X	186.51387	0.97489	118.53748	25.67690	0.1902463	0.27817985	2.3240864	21	8 2.1	20.9
360392 2002 EE_{3}	17.8	X	29.35728	27.89918	177.97196	23.23292	0.0406382	0.36580955	1.9362705	21	4 19.9	19.6
360393 2002 EE_{5}	16.5	X	353.72550	329.23963	351.19597	26.25329	0.2394793	0.27323760	2.3520276	21	9 4.2	17.9
360394 2002 EH_{38}	16.0	X	0.95512	265.98501	175.62674	10.89115	0.0361169	0.19190116	2.9768091	21	—	—
360395 2002 EM_{117}	18.4	X	87.54552	105.48690	106.07808	3.16521	0.1568939	0.27152348	2.3619160	21	8 23.2	21.6
360396 2002 EW_{136}	16.8	X	235.21947	21.34667	161.79721	8.75821	0.1202980	0.18831020	3.0145337	21	12 7.4	21.3
360397 2002 EG_{155}	17.5	X	122.10554	111.10505	94.62751	4.21842	0.1817552	0.27660758	2.3328850	21	9 25.7	21.1
360398 2002 EH_{156}	16.0	X	263.90462	102.13630	343.76102	15.80513	0.0615336	0.17993079	3.1074136	21	9 17.2	20.4
360399 2002 EX_{156}	18.4	X	175.06657	81.91066	7.61930	2.20112	0.2042327	0.27180994	2.3602563	21	6 13.1	22.3
360400 2002 EH_{158}	16.8	X	193.20588	14.84063	153.94881	1.00037	0.1023229	0.18183578	3.0856724	21	10 7.5	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360401 2002 FM_5	17.5	X	82.61793	18.30541	223.88028	4.58351	0.1937938	0.27350446	2.3504974	21	9 30.4	20.9
360402 2002 FK_{21}	15.8	X	205.30534	218.75392	350.78457	10.10365	0.0730470	0.18644481	3.0346074	21	12 8.7	20.5
360403 2002 FF_{40}	17.4	X	113.65191	97.76744	92.24261	6.83251	0.2103509	0.27165004	2.3611824	21	8 30.6	21.1
360404 2002 GF_6	15.9	X	206.66742	130.36428	31.69740	18.70605	0.1819651	0.18034702	3.1026306	21	10 10.5	21.0
360405 2002 GP_{27}	18.3	X	96.99770	36.83299	165.06684	1.41538	0.1298349	0.27297547	2.3535331	21	8 16.6	21.3
360406 2002 GS_{33}	17.3	X	109.78297	148.99177	49.60255	6.76347	0.1153053	0.27361550	2.3498614	21	8 29.7	20.6
360407 2002 GS_{42}	17.2	X	102.02282	182.51572	37.11636	3.37576	0.1434119	0.27291903	2.3538575	21	9 18.9	20.5
360408 2002 GR_{58}	17.2	X	104.98924	192.70605	29.15431	6.03068	0.1395071	0.27318267	2.3523428	21	9 25.2	20.5
360409 2002 GJ_{77}	17.1	X	95.56821	90.42491	143.89113	5.30172	0.1571629	0.27410455	2.3470655	21	10 3.4	20.4
360410 2002 GY_{80}	15.9	X	213.97020	123.27543	56.41356	8.11974	0.1678078	0.18306224	3.0718750	21	11 5.3	20.7
360411 2002 GV_{81}	15.7	X	237.91941	105.40518	38.15296	14.84489	0.2336943	0.18294929	3.0731392	21	10 12.4	20.6
360412 2002 GU_{84}	16.8	X	142.22002	352.99874	146.67013	7.10145	0.1598847	0.26904536	2.3763973	21	7 15.9	20.4
360413 2002 GE_{85}	17.1	X	25.89773	119.52306	159.46646	5.65700	0.2540442	0.26760541	2.3849144	21	9 11.8	19.1
360414 2002 GR_{103}	16.9	X	47.48927	159.31562	82.42971	9.14041	0.1583125	0.26651625	2.3914075	21	8 10.5	19.5
360415 2002 GG_{106}	15.4	X	181.27843	145.20865	49.76810	20.08791	0.1576046	0.18000469	3.1065631	21	10 28.1	20.5
360416 2002 GA_{115}	16.5	X	325.81393	282.70608	32.50215	22.08885	0.2607784	0.26440159	2.4041414	21	5 18.2	19.0
360417 2002 GN_{115}	16.8	X	151.29380	7.78158	166.59467	11.76564	0.0419823	0.27447318	2.3449636	21	9 6.5	19.8
360418 2002 GR_{125}	17.8	X	13.68353	166.28894	13.94257	19.62527	0.0369691	0.35909965	1.9603159	21	2 18.7	20.0
360419 2002 GX_{128}	15.6	X	145.67860	208.53869	3.78971	8.59952	0.0913974	0.17699831	3.1416416	21	10 10.4	20.5
360420 2002 GE_{147}	17.3	X	110.27080	98.15540	81.16448	5.73259	0.1359488	0.27019489	2.3696523	21	8 3.7	20.7
360421 2002 GO_{158}	15.4	X	138.18755	211.58024	59.00321	14.23991	0.1692471	0.17988772	3.1079095	21	12 12.3	20.5
360422 2002 GF_{174}	15.2	X	122.60817	244.16281	53.67040	17.31031	0.2249830	0.17938590	3.1137029	21	—	—
360423 2002 GO_{179}	16.1	X	161.08020	82.22821	126.95021	16.55473	0.2018539	0.17854629	3.1234567	21	10 29.6	21.7
360424 2002 GS_{179}	17.4	X	63.65886	164.17402	71.83009	12.42308	0.1480509	0.26921371	2.3754065	21	8 29.8	20.6
360425 2002 GF_{181}	17.1	X	347.05830	275.11629	40.05458	9.46586	0.2449248	0.26467037	2.4025135	21	7 30.1	18.7
360426 2002 GD_{182}	16.1	X	171.81784	243.68054	338.58053	16.15789	0.1906275	0.18167071	3.0875413	21	11 9.9	21.6
360427 2002 GV_{185}	17.4	X	4.39158	121.41460	197.49674	10.89588	0.2937030	0.26793771	2.3829421	21	10 3.2	18.6
360428 2002 HU_{12}	17.1	X	80.95242	76.60123	84.51456	23.64718	0.0710795	0.36671290	1.9330893	21	5 18.3	19.1
360429 2002 HC_{14}	17.2	X	62.17781	172.76833	61.81846	9.73360	0.2209477	0.26698737	2.3885935	21	9 5.7	20.4
360430 2002 HK_{18}	15.6	X	87.44114	115.73733	157.00779	17.21394	0.1410012	0.17418711	3.1753532	21	11 1.8	20.6
360431 2002 JX_6	15.6	X	119.90721	51.04375	222.54749	27.90800	0.2912893	0.17566170	3.1575579	21	12 5.3	21.4
360432 2002 JJ_9	17.6	X	30.05243	61.41608	219.13001	1.70458	0.2276564	0.26623007	2.3931209	21	9 16.1	19.7
360433 2002 JR_9	17.7	X	44.87726	204.30096	122.51376	9.79995	0.6359595	0.26696995	2.3886974	21	—	—
360434 2002 JH_{45}	17.0	X	61.87792	217.05243	23.91272	3.72606	0.1265545	0.26848036	2.3797301	21	8 25.7	19.7
360435 2002 JG_{56}	17.1	X	16.08801	115.43069	50.59761	23.31158	0.0434308	0.35397793	1.9791798	21	1 27.2	19.7
360436 2002 JE_{70}	17.6	X	41.28468	174.69548	106.86754	6.50191	0.3791321	0.26696943	2.3887005	21	11 3.3	20.8
360437 2002 JU_{72}	15.1	X	110.05256	202.90526	103.51539	10.73477	0.0859649	0.17940145	3.1135231	21	12 25.3	19.8
360438 2002 JJ_{88}	17.6	X	52.62508	312.80275	219.26877	20.90268	0.0461508	0.36157911	1.9513440	21	3 29.1	19.5
360439 2002 JP_{121}	16.3	X	333.93764	191.01154	96.36156	15.81909	0.1425365	0.26072105	2.4267143	21	5 22.9	19.0
360440 2002 JY_{130}	15.5	X	153.14380	86.86235	83.96329	14.18884	0.2286327	0.17101624	3.2144831	21	9 9.1	21.2
360441 2002 JU_{145}	15.6	X	203.90220	30.67411	158.14664	19.11066	0.1561969	0.18047899	3.1011180	21	11 10.9	20.8
360442 2002 KR_8	15.1	X	119.18240	84.29588	214.14476	21.52239	0.2386771	0.17646575	3.1479592	21	12 28.7	20.9
360443 2002 LR_{29}	16.9	X	31.66005	141.21510	127.61245	7.23246	0.1094802	0.26522445	2.3991662	21	8 13.6	19.4
360444 2002 LX_{63}	17.6	X	11.23012	157.17718	112.31064	4.14070	0.1658608	0.26229553	2.4169933	21	7 9.1	19.4
360445 2002 MR_6	16.0	X	133.19039	134.74228	109.43963	9.42250	0.3362456	0.17038332	3.2224387	21	11 16.3	22.0
360446 2002 NM_{12}	17.0	X	43.30483	142.27573	126.15602	7.93783	0.2284350	0.26343351	2.4100277	21	9 24.9	19.8
360447 2002 NK_{65}	17.4	X	359.41779	309.46797	323.77807	0.83115	0.1563335	0.25667769	2.4521327	21	6 17.4	19.3
360448 2002 ND_{68}	15.6	X	121.43490	280.78834	154.37818	14.46055	0.1639885	0.24138067	2.5546675	21	4 4.9	19.3
360449 2002 OR_{24}	17.3	X	334.83548	325.16563	316.72733	5.38792	0.1182115	0.25298939	2.4759081	21	5 13.4	20.1
360450 2002 PP_{62}	17.3	X	301.38187	182.81675	139.72293	3.92202	0.2488405	0.25274256	2.4775197	21	4 30.3	20.4
360451 2002 PL_{185}	17.6	X	261.65500	42.76801	273.08467	0.40542	0.1104241	0.24528237	2.5275039	21	3 22.8	21.2
360452 2002 QC_{15}	16.4	X	124.16455	199.70508	178.07684	13.85312	0.2588755	0.23064411	2.6333453	21	2 2.3	20.4
360453 2002 QC_{49}	17.7	X	236.38991	190.80997	152.78131	3.41114	0.1420333	0.24405621	2.5359624	21	3 30.3	21.5
360454 2002 QM_{55}	17.2	X	192.35374	2.19545	346.47701	13.63899	0.1659980	0.23844738	2.5755759	21	2 25.2	21.3
360455 2002 QQ_{63}	17.0	X	259.18226	169.57513	142.41108	16.19615	0.0716082	0.24425069	2.5346160	21	3 23.4	20.7
360456 2002 QV_{79}	17.1	X	145.68226	302.05433	96.21655	4.37585	0.1517762	0.23882504	2.5728599	21	3 13.1	20.9
360457 2002 QU_{145}	16.9	X	146.54163	149.25162	252.95165	5.30814	0.1757589	0.23854146	2.5748986	21	3 16.3	21.0
360458 2002 QQ_{152}	16.8	X	256.82071	325.65944	5.08451	8.57388	0.1571735	0.24639224	2.5199081	21	3 31.6	20.6
360459 2002 QH_{153}	15.4	X	306.91313	272.84162	118.21493	10.68476	0.0374740	0.15629343	3.4133087	21	9 11.3	20.2
360460 2002 QT_{153}	16.3	X	227.05878	218.74559	126.98749	15.75360	0.0962764	0.24362058	2.5389846	21	3 31.1	20.3
360461 2002 RL	16.6	X	287.06108	38.75736	265.00177	7.16631	0.2206945	0.24478985	2.5308930	21	3 18.7	20.4
360462 2002 RT_{139}	16.6	X	209.02597	325.34347	48.37555	11.64887	0.2190679	0.24196556	2.5505490	21	4 12.2	21.0
360463 2002 RO_{199}	17.1	X	195.99606	346.32004	21.32868	4.01890	0.1007279	0.23997075	2.5646642	21	3 21.3	20.9
360464 2002 RH_{239}	16.9	X	111.72556	189.03827	210.99637	3.38709	0.1645391	0.23189275	2.6238838	21	2 3.5	20.4
360465 2002 RS_{243}	16.4	X	105.75773	267.60049	169.87640	13.01055	0.1413987	0.23741817	2.5830139	21	3 13.3	19.7
360466 2002 RW_{244}	16.8	X	121.05159	280.09534	114.11597	4.49875	0.2387945	0.23259884	2.6185710	21	2 19.9	20.5
360467 2002 RT_{265}	17.4	X	241.22007	341.94385	23.82733	2.88076	0.1526334	0.24633608	2.5202910	21	4 30.0	21.2
360468 2002 ST_{28}	16.8	X	146.84652	185.40828	193.64426	14.35644	0.2095866	0.23230135	2.6208061	21	2 19.7	21.1
360469 2002 SP_{40}	16.4	X	197.89717	334.48000	39.52447	12.79162	0.1157774	0.24016706	2.5632665	21	4 3.6	20.4
360470 2002 TL_{22}	16.8	X	217.01682	349.00811	11.73834	15.97059	0.1643217	0.24050375	2.5608736	21	3 31.9	20.9
360471 2002 TO_{35}	16.8	X	79.71008	236.22171	176.29457	7.63832	0.2781190	0.22448997	2.6812548	21	1 22.2	19.6
360472 2002 TG_{38}	16.2	X	110.23128	181.42935	207.72178	11.53854	0.2712900	0.22631176	2.6668462	21	2 1.9	20.1
360473 2002 TU_{82}	16.5	X	176.06595	345.74170	14.97705	33.55739	0.1822433	0.23420661	2.6065733	21	3 12.9	21.2
360474 2002 TA_{100}	16.3	X	182.23566	121.59749	242.92116	9.88732	0.1896041	0.23789209	2.5795823	21	3 2.1	20.8
360475 2002 TM_{222}	16.9	X	177.92871	338.71501	20.48169	12.56161	0.1988239	0.23416208	2.6069038	21	3 2.6	21.3
360476 2002 TB_{225}	17.1	X	192.92040	332.48154	34.11896	3.74854	0.2428341	0.23719944	2.5846016	21	3 20.5	21.5
360477 2002 TG_{245}	16.1	X	106.32187	10.23443	44.94508	15.74105	0.1081374	0.22973205	2.6403104	21	2 17.0	19.9
360478 2002 TV_{253}	16.9	X	239.75005	326.29134	8.90712	12.08478	0.1880594	0.24293877	2.5437328	21	3 20.9	20.9
360479 2002 TJ_{271}	16.8	X	131.32619	40.04530	356.22437	7.08337	0.1927062	0.23136610	2.6278641	21	2 28.1	20.6
360480 2002 TE_{296}	17.1	X	91.98779	252.92779	139.90131	4.01994	0.1970381	0.22544059	2.6737121	21	1 4.5	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360481 2002 TS_{369}	16.4	X	345.16494	53.80338	151.85740	12.24264	0.1357645	0.23333612	2.6130521	21	2 13.3	19.5
360482 2002 UK_{8}	16.7	X	136.24233	312.20412	93.71993	11.48661	0.2007397	0.23182600	2.6243875	21	3 22.7	20.9
360483 2002 UE_{36}	16.7	X	103.12168	353.17614	68.47744	3.05262	0.0810602	0.22873130	2.6480061	21	2 10.5	20.1
360484 2002 UR_{50}	16.6	X	44.33956	18.18496	233.35571	13.80547	0.1555367	0.25937935	2.4350756	21	8 9.1	19.7
360485 2002 UE_{65}	16.7	X	5.49123	171.74215	24.88272	9.31836	0.1024604	0.23839547	2.5759498	21	3 13.5	19.6
360486 2002 UB_{73}	17.1	X	129.62681	219.78174	151.99159	5.32891	0.1036068	0.22683807	2.6627195	21	1 13.9	20.8
360487 2002 VK_{1}	17.3	X	321.55925	19.66395	189.37901	2.60367	0.0378263	0.22947819	2.6422573	21	1 29.9	20.7
360488 2002 VM_{53}	16.3	X	175.88839	315.95425	57.51999	13.87282	0.1518985	0.23308023	2.6149642	21	3 18.2	20.7
360489 2002 VB_{74}	16.5	X	201.62962	298.88708	54.13313	13.50094	0.1932822	0.23618677	2.5919841	21	3 16.6	21.1
360490 2002 VY_{75}	16.6	X	83.96143	239.52396	195.61141	7.93328	0.1899404	0.22717110	2.6601165	21	2 13.5	19.8
360491 2002 VB_{92}	17.0	X	262.98871	258.97285	224.40705	36.87663	0.3399600	0.31037369	2.1604594	21	10 7.4	20.0
360492 2002 VF_{102}	16.6	X	13.76081	98.70725	341.29858	3.25198	0.2250404	0.21688242	2.7435938	21	—	—
360493 2002 VO_{107}	16.3	X	10.05406	163.79611	271.46452	8.71194	0.2043677	0.21476689	2.7615813	21	—	—
360494 2002 VX_{118}	15.9	X	86.16584	1.19188	45.31276	15.38065	0.1094380	0.22220177	2.6996308	21	1 2.3	19.4
360495 2002 VQ_{142}	16.5	X	21.64808	59.13062	60.63690	13.93198	0.1483388	0.22263933	2.6960925	21	—	—
360496 2002 XO_{6}	15.7	X	99.52086	9.45279	56.79998	22.66976	0.0255154	0.22803595	2.6533864	21	2 11.9	19.8
360497 2002 XQ_{10}	16.8	X	77.21103	215.65512	203.22404	5.37141	0.1884419	0.22240453	2.6979897	21	1 13.4	19.8
360498 2002 XO_{19}	16.2	X	123.70957	335.40874	44.02872	14.56211	0.1317619	0.22539679	2.6740584	21	1 25.2	20.1
360499 2002 XK_{53}	16.2	X	21.21906	14.11933	81.98144	10.94666	0.1984638	0.21817074	2.7327823	21	—	—
360500 2003 AK_{5}	15.8	X	200.48791	339.16788	137.35827	12.15823	0.1678588	0.18870376	3.0103409	21	8 8.8	20.7
360501 2003 BW_{14}	16.3	X	318.75182	30.39442	126.79801	13.59945	0.1753900	0.20981205	2.8048895	21	—	—
360502 2003 EO_{16}	20.5	X	286.57424	167.94478	177.92874	13.22895	0.2494371	1.09128165	0.9343541	21	—	—
360503 2003 GE_{49}	17.0	X	105.77116	150.17971	104.46816	7.37175	0.0746499	0.29058022	2.2574875	21	11 6.2	20.0
360504 2003 HH_{33}	17.3	X	110.49617	77.01693	206.87248	6.13673	0.2034817	0.29625949	2.2285439	21	12 22.8	20.9
360505 2003 HM_{55}	17.4	X	106.82198	222.72032	66.52712	7.54794	0.1830377	0.29479649	2.2359110	21	12 25.5	20.8
360506 2003 JL_{14}	15.5	X	124.93681	101.18803	205.80853	18.28249	0.2791203	0.18722544	3.0261664	21	—	—
360507 2003 MK	16.6	X	140.14797	98.50792	182.29981	6.77513	0.2450491	0.18761856	3.0219378	21	12 28.1	22.0
360508 2003 NN_{12}	15.9	X	159.08478	106.54634	149.87352	19.65514	0.2450428	0.18396849	3.0617784	21	12 16.4	21.6
360509 2003 OD_{3}	17.1	X	41.36903	188.64055	151.86379	11.48500	0.2894126	0.28210506	2.3024778	21	—	—
360510 2003 OQ_{4}	17.1	X	6.04178	180.99314	131.83986	8.65024	0.1884152	0.27668624	2.3324428	21	9 16.0	18.9
360511 2003 OE_{7}	17.3	X	23.48972	127.71586	179.28024	4.18496	0.2506576	0.27806394	2.3247322	21	10 22.4	19.5
360512 2003 OU_{14}	16.6	X	98.52688	116.42295	205.07319	11.92972	0.3462097	0.17958594	3.1113903	21	—	—
360513 2003 QE_{3}	18.0	X	53.57666	83.09893	210.89167	2.09927	0.2144399	0.28032616	2.3122083	21	11 10.0	21.0
360514 2003 QM_{5}	16.3	X	7.53073	69.85966	248.49728	22.71530	0.1602568	0.27565998	2.3382282	21	9 7.3	19.2
360515 2003 QO_{9}	17.7	X	33.40761	150.66462	163.97963	5.31825	0.2461130	0.27938078	2.3174215	21	11 18.1	20.4
360516 2003 QQ_{11}	17.0	X	12.92200	190.18377	121.82994	3.16278	0.2180273	0.27614657	2.3354807	21	10 3.6	18.8
360517 2003 QH_{18}	17.6	X	31.54006	340.78250	302.92595	1.59500	0.2130790	0.27531050	2.3402066	21	9 22.2	19.9
360518 2003 QX_{33}	16.9	X	347.92832	358.15646	318.31418	5.08844	0.2093551	0.27295323	2.3536609	21	8 2.3	18.3
360519 2003 QF_{49}	15.6	X	66.97669	197.75073	129.91079	6.13488	0.1716101	0.17468757	3.1692856	21	12 14.4	20.3
360520 2003 QY_{52}	17.3	X	57.14526	293.82779	355.39440	4.61824	0.1844425	0.28019026	2.3129559	21	11 1.9	20.4
360521 2003 QD_{62}	17.1	X	322.04365	308.00770	40.03367	4.52955	0.3319123	0.26961107	2.3730719	21	6 25.5	18.7
360522 2003 QQ_{71}	16.8	X	32.15992	138.55540	190.61119	22.63758	0.2167827	0.27907851	2.3190945	21	12 1.2	20.0
360523 2003 QS_{79}	16.4	X	123.80268	101.91654	183.57042	14.86526	0.3694805	0.18185844	3.0854161	21	12 24.7	22.4
360524 2003 QW_{84}	15.8	X	126.73873	105.12989	186.48149	19.03422	0.2149011	0.18105557	3.0945307	21	12 28.3	21.4
360525 2003 QK_{101}	17.2	X	22.04881	353.97603	340.61642	7.15728	0.1433732	0.27920769	2.3183792	21	11 6.9	19.8
360526 2003 QU_{114}	15.6	X	134.14455	113.28100	176.22178	16.29521	0.2103289	0.18119774	3.0929117	21	12 31.8	21.2
360527 2003 RN_{11}	16.5	X	317.71887	140.97912	189.31634	26.00148	0.2690497	0.26856735	2.3792162	21	6 1.1	19.6
360528 2003 RL_{20}	17.1	X	325.75025	313.78702	16.71902	5.13199	0.1629644	0.26876849	2.3780290	21	7 7.3	19.3
360529 2003 SG_{34}	17.3	X	209.05563	231.63049	159.22583	2.82077	0.2187327	0.25714195	2.4491803	21	4 30.0	21.4
360530 2003 SE_{42}	18.0	X	319.24220	121.92024	185.79524	21.28937	0.0882503	0.37519202	1.9038541	21	5 25.9	20.1
360531 2003 SD_{79}	15.0	X	111.13305	276.31132	355.46734	31.88950	0.1935511	0.17212709	3.2006380	21	11 7.5	20.8
360532 2003 SD_{91}	17.8	X	321.63725	258.96388	72.63604	3.33883	0.1906305	0.26855545	2.3792865	21	6 24.9	20.1
360533 2003 ST_{94}	17.1	X	311.17118	49.69389	281.51474	6.09307	0.1427437	0.26633576	2.3924878	21	6 12.8	19.7
360534 2003 SG_{112}	17.9	X	30.58293	126.84574	193.15746	2.22269	0.2080232	0.27696098	2.3309001	21	11 13.5	20.3
360535 2003 SN_{124}	17.6	X	284.50789	323.47756	14.07753	7.96228	0.0950290	0.26120373	2.4237238	21	5 18.1	20.7
360536 2003 SM_{128}	17.1	X	28.52243	301.01697	20.11560	11.14541	0.2229617	0.27588230	2.3369719	21	11 10.9	19.8
360537 2003 SB_{131}	17.8	X	227.59113	150.49294	203.59600	22.99353	0.0833997	0.36643090	1.9340810	21	3 19.7	20.3
360538 2003 SA_{145}	17.2	X	143.64999	204.24105	208.36376	20.71118	0.0781197	0.35992678	1.9573115	21	2 21.1	19.8
360539 2003 SE_{171}	15.2	X	69.37490	261.83712	69.76001	18.98690	0.2619315	0.17379777	3.1800937	21	12 29.8	20.3
360540 2003 SQ_{197}	15.6	X	129.39193	125.35036	175.76926	15.84962	0.1925425	0.17887812	3.1195928	21	—	—
360541 2003 SY_{207}	17.0	X	262.03781	179.88016	192.43758	5.95854	0.1539470	0.26162442	2.4211249	21	5 31.8	20.4
360542 2003 SX_{212}	17.0	X	351.30587	192.46922	118.71439	11.09871	0.2261171	0.27172113	2.3607705	21	8 2.3	18.3
360543 2003 SF_{228}	17.2	X	277.45571	322.93586	29.00855	6.41545	0.2009216	0.26167470	2.4208148	21	5 14.1	20.7
360544 2003 SV_{233}	17.7	X	327.07476	282.42258	56.39868	3.18740	0.2141938	0.27061437	2.3672029	21	7 16.3	19.4
360545 2003 SQ_{263}	17.2	X	295.61463	184.00670	174.60486	6.59094	0.1502339	0.26612215	2.3937679	21	6 26.7	20.0
360546 2003 SZ_{282}	16.4	X	133.57888	175.06642	278.77719	7.08284	0.0934670	0.25620654	2.4551380	21	4 27.4	19.8
360547 2003 SF_{294}	17.5	X	225.05568	336.16753	33.61733	22.88183	0.0807687	0.36514276	1.9386270	21	4 15.6	19.8
360548 2003 SQ_{313}	17.1	X	268.31930	220.57820	157.10674	5.59849	0.2401231	0.26389040	2.4072452	21	6 4.3	20.7
360549 2003 SS_{319}	17.4	X	9.99741	166.65053	153.37608	6.89845	0.1183756	0.27228230	2.3575257	21	9 24.9	19.6
360550 2003 SR_{328}	18.1	X	29.19270	146.97304	146.26046	1.90850	0.1821478	0.27316007	2.3524726	21	9 28.3	20.3
360551 2003 SS_{328}	17.8	X	30.76120	244.85165	48.63732	2.04287	0.1766412	0.27334272	2.3514245	21	9 30.7	20.2
360552 2003 SD_{332}	17.3	X	63.56056	161.08761	56.69672	14.57231	0.0795154	0.26229796	2.4169784	21	7 17.2	20.5
360553 2003 SS_{338}	17.7	X	38.84177	179.75830	75.33249	3.04245	0.1594591	0.26833587	2.3805843	21	8 14.3	20.0
360554 2003 SC_{353}	17.1	X	352.40678	326.11886	314.64494	6.32833	0.0985026	0.26662429	2.3907615	21	6 16.8	19.5
360555 2003 SU_{354}	17.1	X	286.66411	234.55594	112.28090	5.56840	0.1446144	0.26344947	2.4099304	21	5 29.5	20.1
360556 2003 SG_{363}	17.6	X	106.37214	237.39010	202.59949	16.72320	0.1640684	0.24515656	2.5283685	21	3 16.8	21.1
360557 2003 SW_{386}	18.0	X	67.68170	121.50497	153.47701	5.34680	0.2969725	0.27864284	2.3215113	21	11 11.8	21.6
360558 2003 SV_{399}	15.9	X	127.45809	217.84253	67.87046	15.70973	0.2605912	0.17491007	3.1665973	21	12 23.1	21.5
360559 2003 TT_{2}	17.0	X	226.51667	347.80150	37.94620	16.31515	0.3011695	0.25790166	2.4443682	21	5 2.8	21.4
360560 2003 TC_{11}	16.3	X	243.52915	265.07736	108.89823	7.56467	0.1562674	0.25881348	2.4386237	21	5 14.9	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360561 2003 TG_{37}	17.8	X	147.58621	53.27436	22.23996	15.30347	0.1070106	0.25345958	2.4728451	21	4 21.9	21.4
360562 2003 TM_{50}	15.8	X	135.55004	46.93428	237.30620	15.22094	0.1699423	0.17834398	3.1258184	21	12 25.1	21.1
360563 2003 UM_{12}	18.7	X	72.91901	296.26414	13.27089	1.20079	0.4122559	0.28341163	2.2953959	21	—	—
360564 2003 UM_{13}	17.2	X	50.20200	131.69812	356.07614	19.17707	0.0661312	0.35594727	1.9718730	21	1 25.5	19.3
360565 2003 UT_{46}	17.8	X	349.52962	131.25345	195.12753	1.93588	0.2151484	0.27052244	2.3677391	21	8 23.9	19.3
360566 2003 UX_{46}	17.3	X	95.50559	197.03546	220.17702	4.35395	0.2683913	0.23953307	2.5677874	21	2 17.8	20.3
360567 2003 UV_{48}	16.6	X	329.95265	284.23980	62.15814	13.12073	0.1587756	0.26812134	2.3818539	21	8 19.0	19.0
360568 2003 UO_{66}	16.3	X	319.13126	302.31983	75.23261	14.29479	0.2444752	0.27084366	2.3658667	21	9 7.6	18.4
360569 2003 UP_{93}	17.3	X	9.03471	115.19443	216.55904	5.98745	0.1387992	0.27357389	2.3500997	21	10 11.1	19.6
360570 2003 UN_{95}	16.8	X	232.35270	355.30251	29.00309	7.12475	0.1340063	0.25849989	2.4405955	21	5 14.8	20.6
360571 2003 UL_{115}	17.0	X	183.97475	31.87980	8.24373	6.17759	0.1249538	0.25206508	2.4819570	21	4 16.7	20.7
360572 2003 UU_{123}	16.7	X	321.63729	300.12342	50.32689	6.81084	0.1382433	0.26652156	2.3913757	21	8 5.8	19.1
360573 2003 UU_{128}	17.2	X	281.38293	327.90951	25.82431	2.41162	0.2087317	0.26223935	2.4173386	21	5 20.8	20.4
360574 2003 UG_{156}	17.0	X	235.09323	234.01233	168.26352	6.99614	0.1411389	0.26144577	2.4222277	21	6 11.9	20.7
360575 2003 UT_{160}	17.4	X	69.25536	226.68752	223.24712	5.58818	0.2793734	0.23877541	2.5732165	21	2 19.1	19.7
360576 2003 UZ_{186}	17.1	X	111.78530	291.99434	141.12690	4.91054	0.1955188	0.24447432	2.5330701	21	3 23.8	20.5
360577 2003 UL_{191}	17.3	X	354.05731	206.59310	120.74301	4.58599	0.2434343	0.27047542	2.3680136	21	9 13.7	18.5
360578 2003 UH_{203}	17.1	X	235.49332	347.86870	20.71553	6.77420	0.1640719	0.25623940	2.4549281	21	4 25.9	21.0
360579 2003 UX_{203}	17.4	X	345.29465	302.38078	19.52084	2.67037	0.2282068	0.26832350	2.3806575	21	8 4.4	18.6
360580 2003 UB_{241}	17.2	X	79.01326	177.87336	266.69810	4.19972	0.2272051	0.23957063	2.5675190	21	2 21.8	19.9
360581 2003 UU_{277}	15.3	X	281.63540	320.88808	44.83700	10.87968	0.0923127	0.15244719	3.4704817	21	6 27.2	20.3
360582 2003 UZ_{317}	17.8	X	45.66272	231.69807	32.94874	4.53113	0.0722644	0.26954480	2.3734609	21	8 27.1	20.5
360583 2003 UY_{324}	15.6	X	296.15665	241.11367	206.03116	17.05564	0.1233158	0.17262978	3.1944217	21	10 25.6	19.6
360584 2003 UY_{331}	17.5	X	103.58834	270.86738	208.96730	5.78543	0.0835266	0.25552944	2.4594732	21	4 25.4	20.7
360585 2003 UW_{357}	17.7	X	34.72343	137.20393	168.41711	1.03933	0.1873510	0.27374857	2.3490999	21	10 26.3	20.1
360586 2003 UD_{362}	17.4	X	10.11855	178.02467	110.13400	5.72112	0.1191071	0.26700521	2.3884870	21	8 4.3	19.5
360587 2003 UE_{406}	16.9	X	7.79725	236.57174	51.98216	7.19830	0.1585640	0.26807955	2.3821015	21	8 5.6	19.0
360588 2003 WF_{75}	16.8	X	274.76600	327.64308	8.03632	6.16002	0.1546999	0.25658977	2.4526928	21	4 25.1	20.4
360589 2003 WN_{79}	16.6	X	240.65234	339.42313	41.17796	7.61530	0.1300297	0.25670750	2.4519428	21	5 19.7	20.1
360590 2003 WV_{108}	17.0	X	221.18897	36.35815	14.12200	5.22844	0.1058428	0.25829418	2.4418912	21	6 9.2	20.6
360591 2003 WQ_{138}	16.3	X	22.49225	57.64977	72.39907	31.30350	0.2969541	0.23222457	2.6213838	21	—	—
360592 2003 WA_{148}	17.3	X	192.18194	287.18003	76.50346	24.00701	0.0950214	0.35778409	1.9651183	21	3 9.4	20.5
360593 2003 WF_{159}	17.2	X	178.89059	256.74439	93.63680	24.69401	0.0874789	0.35362947	1.9804798	21	1 18.5	19.6
360594 2003 YA_{44}	17.5	X	68.01655	152.88377	305.62593	2.75304	0.1880754	0.23450084	2.6043926	21	2 18.1	20.0
360595 2003 YZ_{45}	17.6	X	84.08178	58.37988	357.50669	3.82577	0.2608069	0.23529924	2.5984979	21	1 31.6	20.2
360596 2003 YR_{56}	16.9	X	73.73008	12.42394	87.33139	13.45345	0.1311596	0.23796463	2.5790580	21	2 28.2	20.1
360597 2003 YX_{77}	15.9	X	150.97927	294.23786	93.55147	27.65298	0.0513629	0.23806668	2.5783209	21	3 1.8	20.1
360598 2003 YK_{91}	17.3	X	79.21643	248.77078	190.68343	4.68366	0.2567792	0.23496778	2.6009410	21	2 21.8	20.0
360599 2003 YE_{128}	16.6	X	89.97122	24.14312	56.14268	8.39264	0.1580126	0.23576957	2.5950410	21	3 2.2	19.8
360600 2003 YZ_{166}	16.2	X	60.59745	45.11952	111.30530	13.97114	0.1095372	0.24119583	2.5559725	21	4 24.9	19.5
360601 2003 YU_{168}	16.7	X	68.10163	95.34880	50.88606	6.39507	0.0942760	0.24211745	2.5494822	21	4 14.7	19.7
360602 2003 YL_{171}	17.0	X	110.24936	40.61066	56.39618	6.39023	0.0905083	0.24147480	2.5540036	21	4 8.2	20.3
360603 2004 BO_{8}	17.1	X	327.89548	84.21953	134.73969	9.17145	0.1282156	0.23363870	2.6107955	21	2 7.0	20.2
360604 2004 BY_{52}	16.8	X	93.24264	105.29194	306.30840	5.66392	0.0662895	0.23025839	2.6362853	21	1 11.7	20.1
360605 2004 BM_{71}	16.6	X	113.04129	321.88516	127.52044	11.75639	0.1254130	0.23803403	2.5785567	21	4 10.2	20.3
360606 2004 BO_{71}	16.6	X	352.74402	194.08165	341.53894	5.75248	0.1622912	0.22957468	2.6415169	21	1 14.7	19.7
360607 2004 BF_{82}	16.5	X	5.38460	22.36223	159.59429	13.67034	0.1914012	0.23250980	2.6192395	21	2 7.7	19.1
360608 2004 BF_{83}	17.0	X	33.74986	340.00747	130.20646	11.86968	0.1438398	0.23018036	2.6368811	21	—	—
360609 2004 BY_{85}	16.2	X	62.10192	313.97303	134.29575	33.04357	0.2616966	0.23370192	2.6103247	21	2 1.9	18.3
360610 2004 BH_{113}	16.9	X	30.16756	69.84533	59.80016	12.67410	0.2389912	0.23156039	2.6263939	21	1 15.6	19.2
360611 2004 BU_{118}	16.5	X	54.67332	55.13990	35.29608	15.50136	0.2297768	0.23027725	2.6361414	21	1 20.5	19.1
360612 2004 BY_{126}	17.2	X	159.90322	70.37881	310.63815	3.46287	0.0935703	0.23684133	2.5872063	21	2 26.1	20.8
360613 2004 CF_{6}	17.1	X	18.44811	55.20950	86.66057	5.05418	0.1942216	0.22931116	2.6435402	21	1 9.8	19.5
360614 2004 CS_{54}	17.0	X	353.91114	209.58250	307.89585	2.74735	0.1492743	0.22627138	2.6671634	21	—	—
360615 2004 CJ_{58}	16.6	X	53.53010	84.52457	24.36810	8.31381	0.1521410	0.23150697	2.6267980	21	2 6.6	19.4
360616 2004 CP_{79}	16.8	X	28.49671	1.75801	138.24172	8.62335	0.1319364	0.22953920	2.6417891	21	1 30.2	19.5
360617 2004 CM_{81}	16.5	X	63.05204	109.78536	326.88841	14.27139	0.0998744	0.22750258	2.6575320	21	1 6.1	19.7
360618 2004 CT_{104}	17.2	X	14.57811	306.46272	177.45612	4.32153	0.3568861	0.22654845	2.6649884	21	—	—
360619 2004 DX_{6}	16.1	X	326.42353	212.70110	339.29378	12.85873	0.0901006	0.22619825	2.6677383	21	1 11.3	19.8
360620 2004 DU_{32}	16.5	X	350.55260	174.50122	6.46770	4.84459	0.1514770	0.22793535	2.6541671	21	1 20.6	19.6
360621 2004 DC_{39}	16.6	X	122.00074	264.66271	145.67820	13.18274	0.1805615	0.23348678	2.6119279	21	3 5.9	20.3
360622 2004 DW_{55}	17.4	X	351.81369	184.88406	317.14073	1.58151	0.1078536	0.22449693	2.6811994	21	—	—
360623 2004 DS_{57}	17.2	X	31.93251	337.52005	106.12887	2.19205	0.1862163	0.22467958	2.6797461	21	—	—
360624 2004 EU_{32}	16.3	X	329.66604	237.95379	306.23387	11.94295	0.2028327	0.22315404	2.6919452	21	—	—
360625 2004 ES_{34}	16.2	X	323.54439	165.19797	14.42933	15.19051	0.1115368	0.22152605	2.7051178	21	—	—
360626 2004 EV_{46}	16.5	X	117.74263	358.11922	17.92444	3.43879	0.0875850	0.22192577	2.7018686	21	1 4.2	20.1
360627 2004 EP_{49}	16.5	X	102.45119	352.01917	28.09858	10.88296	0.0723679	0.22062855	2.7124490	21	—	—
360628 2004 ET_{53}	16.4	X	314.91094	142.81409	73.04883	7.04577	0.1331434	0.22436003	2.6822899	21	1 19.0	20.0
360629 2004 EM_{81}	16.0	X	340.76007	121.78000	60.65989	14.51543	0.1662111	0.22477207	2.6790110	21	1 5.1	19.5
360630 2004 EG_{95}	16.6	X	334.10148	28.91795	163.57808	14.29545	0.1914807	0.22640036	2.6661504	21	1 3.6	20.3
360631 2004 FT_{44}	15.8	X	249.20281	78.48389	179.12392	25.03288	0.1047727	0.21944389	2.7222022	21	—	—
360632 2004 FL_{53}	16.5	X	329.04840	241.36009	328.27966	10.82046	0.1483682	0.22907658	2.6453446	21	1 27.1	19.8
360633 2004 FD_{58}	16.3	X	49.32570	92.07174	13.89733	15.15809	0.1208411	0.22709016	2.6607486	21	1 27.6	19.6
360634 2004 FK_{96}	16.3	X	326.41519	176.09044	23.65581	17.29570	0.1308232	0.22572666	2.6714526	21	1 16.8	20.2
360635 2004 FB_{101}	16.8	X	301.48031	70.44800	147.77362	12.76988	0.1322947	0.22405113	2.6847548	21	1 4.9	20.9
360636 2004 FA_{130}	16.3	X	270.24730	106.30204	131.55963	13.94240	0.1437203	0.21931951	2.7232313	21	—	—
360637 2004 FF_{138}	16.9	X	303.02346	164.05327	21.40365	3.44427	0.1149350	0.21866487	2.7286638	21	—	—
360638 2004 FJ_{146}	16.7	X	9.88351	70.42995	62.41111	9.30917	0.2459727	0.22264296	2.6960632	21	—	—
360639 2004 GC_{55}	17.3	X	238.15129	250.30798	18.73525	7.96822	0.0566140	0.21903040	2.7256272	21	1 7.5	21.4
360640 2004 HU_{4}	16.8	X	282.77185	81.87050	193.27568	12.14116	0.2479801	0.22334414	2.6904175	21	2 7.9	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360641 2004 HU_{7}	16.5	X	329.16924	68.00864	82.71469	4.63455	0.1306433	0.21645374	2.7472150	21	—	—
360642 2004 HM_{50}	17.0	X	264.43486	104.08061	181.41178	6.85740	0.4482703	0.21660008	2.7459775	21	1 26.4	22.3
360643 2004 HY_{53}	16.9	X	129.05843	334.12345	353.98458	6.32636	0.2457373	0.31991376	2.1172921	21	—	—
360644 2004 JL_{45}	16.0	X	210.36448	212.38228	82.65177	14.94039	0.1829741	0.21218045	2.7839780	21	1 10.8	20.7
360645 2004 KF_{14}	16.1	X	298.16413	352.27531	206.26839	19.57792	0.1978631	0.21617720	2.7495574	21	—	—
360646 2004 LF_{16}	16.0	X	227.87298	190.48195	124.93297	17.81566	0.2799707	0.21188587	2.7865578	21	2 16.5	21.1
360647 2004 LJ_{18}	16.2	X	286.54302	115.73066	117.67643	12.05772	0.2519959	0.21775745	2.7362390	21	—	—
360648 2004 NE_{4}	15.1	X	97.10447	305.41411	53.51081	15.86958	0.1663420	0.19468161	2.9483979	21	—	—
360649 2004 OA_{6}	16.6	X	157.54382	300.41236	0.69706	5.41262	0.2878064	0.20017810	2.8941765	21	—	—
360650 2004 PW_{7}	15.5	X	64.69278	162.52084	161.03423	17.32739	0.1037166	0.18499745	3.0504147	21	12 2.6	20.2
360651 2004 QY_{6}	17.8	X	66.92944	290.58817	40.17991	6.03388	0.2250700	0.30298154	2.1954587	21	—	—
360652 2004 QD_{18}	15.8	X	118.27721	122.11882	158.35164	11.70529	0.0425235	0.18741393	3.0241370	21	12 3.7	20.4
360653 2004 RV_{8}	17.5	X	88.54862	348.29954	336.59860	4.76920	0.2015847	0.30460525	2.1876497	21	—	—
360654 2004 RK_{10}	17.1	X	331.14758	23.27609	348.19536	23.41426	0.2034918	0.29132149	2.2536564	21	9 21.9	18.6
360655 2004 RO_{22}	16.3	X	159.77704	311.85552	352.06669	8.09507	0.2185176	0.19688846	2.9263248	21	—	—
360656 2004 RG_{24}	15.1	X	10.69490	285.56043	52.86632	26.74930	0.2247568	0.17504383	3.1649839	21	10 26.3	18.8
360657 2004 RL_{28}	16.0	X	88.16235	328.93017	344.98526	9.27345	0.1262765	0.18661192	3.0327955	21	12 16.2	20.7
360658 2004 RS_{54}	17.7	X	108.29709	174.67773	154.70598	5.72320	0.2678349	0.30865543	2.1684701	21	—	—
360659 2004 RR_{63}	16.0	X	41.17394	175.21891	170.48397	10.08430	0.1809136	0.18138421	3.0907917	21	12 9.1	20.3
360660 2004 RM_{73}	17.6	X	84.24199	170.29768	159.46412	4.96487	0.2137642	0.30396876	2.1907026	21	—	—
360661 2004 RD_{76}	17.5	X	67.82073	183.14122	145.91015	7.09263	0.2203801	0.30106399	2.2047711	21	—	—
360662 2004 RB_{104}	17.7	X	85.09598	52.25188	247.18816	4.94583	0.2080430	0.30094172	2.2053682	21	12 21.2	21.2
360663 2004 RR_{117}	16.1	X	190.19811	55.16284	164.71878	15.34157	0.0558586	0.18741551	3.0241201	21	12 9.4	20.9
360664 2004 RB_{136}	16.3	X	42.32554	307.68226	39.48584	3.27347	0.0583636	0.18269605	3.0759783	21	11 23.9	20.4
360665 2004 RY_{148}	17.9	X	72.23423	145.17700	185.82289	4.08628	0.1738081	0.30270121	2.1968139	21	—	—
360666 2004 RE_{155}	15.4	X	336.63983	23.46477	339.93124	28.03019	0.2020556	0.17206251	3.2014389	21	9 5.5	18.7
360667 2004 RD_{163}	18.1	X	259.51103	254.29348	165.39901	3.22607	0.1944327	0.28496429	2.2870505	21	7 26.7	21.0
360668 2004 RT_{167}	16.0	X	89.69188	99.34923	222.59277	7.71719	0.1210788	0.18594715	3.0400194	21	12 26.3	20.7
360669 2004 RT_{172}	16.4	X	306.18726	240.89631	197.37950	12.52421	0.0454397	0.18131611	3.0915655	21	11 8.2	20.6
360670 2004 RU_{175}	15.4	X	269.64297	205.94520	183.64748	26.18288	0.2724749	0.16518285	3.2897236	21	6 18.4	20.9
360671 2004 RV_{177}	15.6	X	4.30151	180.47111	195.00327	17.16087	0.2009203	0.17877962	3.1207385	21	11 22.9	19.3
360672 2004 RF_{186}	16.0	X	100.01134	143.76451	183.32239	8.73338	0.0884127	0.18979539	2.9987870	21	—	—
360673 2004 RD_{212}	15.6	X	71.65245	27.33953	305.34439	12.42175	0.0741115	0.18411246	3.0601820	21	12 14.7	20.1
360674 2004 RJ_{216}	15.5	X	13.30498	354.51642	345.12825	26.95193	0.1631823	0.17467699	3.1694137	21	10 3.5	19.6
360675 2004 RL_{225}	15.8	X	345.99418	215.29754	160.93360	10.46106	0.1057127	0.17622181	3.1508636	21	10 17.4	19.7
360676 2004 RN_{225}	17.7	X	184.62069	40.38903	10.38865	3.98376	0.2227026	0.27051010	2.3678112	21	5 2.3	21.7
360677 2004 RV_{238}	16.5	X	340.90829	203.76393	182.26052	4.35471	0.1488647	0.17622110	3.1508721	21	10 19.7	20.1
360678 2004 RN_{243}	15.8	X	218.22779	350.07275	163.87351	9.24048	0.2294854	0.17844236	3.1246694	21	10 5.3	20.9
360679 2004 RJ_{255}	15.3	X	1.98816	316.44574	50.80285	17.90380	0.2202124	0.17634749	3.1493664	21	11 8.5	18.6
360680 2004 RJ_{268}	16.0	X	205.40003	57.92106	172.68346	12.52784	0.1004320	0.19154427	2.9805055	21	—	—
360681 2004 RE_{272}	16.6	X	56.17481	182.10248	154.51198	4.33495	0.0618545	0.18310938	3.0713477	21	11 30.0	21.0
360682 2004 RT_{274}	15.6	X	55.29735	341.23664	335.04183	23.60581	0.1491572	0.17725951	3.1385546	21	11 3.6	20.5
360683 2004 RA_{299}	16.5	X	117.03110	125.99405	169.65777	5.73340	0.2514029	0.18861967	3.0112355	21	12 28.8	21.8
360684 2004 RU_{311}	15.6	X	52.88765	316.34379	19.38491	10.43978	0.0971339	0.18021812	3.1041099	21	11 26.1	20.0
360685 2004 RS_{317}	16.1	X	159.05156	81.00125	217.17307	9.17572	0.0573445	0.19407936	2.9544943	21	—	—
360686 2004 RE_{334}	16.1	X	146.19532	278.93555	67.81250	8.55398	0.2497365	0.19867804	2.9087259	21	1 25.0	20.9
360687 2004 RP_{340}	15.9	X	106.21439	270.22923	78.08053	13.33931	0.2328313	0.19118944	2.9841922	21	—	—
360688 2004 RU_{356}	16.1	X	27.08365	129.53649	201.74048	8.52325	0.1224389	0.17801636	3.1296524	21	10 23.1	19.9
360689 2004 SB_{19}	17.9	X	64.65259	128.99898	208.33857	3.76964	0.1701604	0.30162970	2.2020135	21	—	—
360690 2004 SV_{20}	17.5	X	167.28836	290.22670	6.85314	6.77954	0.2523456	0.31384833	2.1444841	21	—	—
360691 2004 SA_{32}	17.5	X	91.98289	304.77833	12.83631	5.40484	0.1726924	0.30277760	2.1964444	21	—	—
360692 2004 SQ_{37}	16.1	X	176.47395	333.32130	189.92425	9.49942	0.0665997	0.17412171	3.1761482	21	9 12.5	21.0
360693 2004 SF_{47}	17.5	X	46.82576	357.82438	339.37831	4.52176	0.2097764	0.29812007	2.2192620	21	12 31.8	20.6
360694 2004 SA_{49}	18.0	X	144.67145	254.79266	29.49990	3.40560	0.1834758	0.30900433	2.1668375	21	—	—
360695 2004 SH_{49}	15.8	X	44.52747	316.22609	39.77506	19.83051	0.1705023	0.18322917	3.0700090	21	12 21.3	20.3
360696 2004 SE_{58}	15.7	X	14.76678	185.74271	192.92411	15.85314	0.1561709	0.17800426	3.1297943	21	12 7.9	19.8
360697 2004 TP_{9}	17.1	X	272.36733	9.54900	24.97945	26.23831	0.2257264	0.28211474	2.3024252	21	7 4.7	20.9
360698 2004 TP_{12}	17.7	X	50.32336	96.83096	224.58464	24.78432	0.1587762	0.41173864	1.7894585	21	12 25.7	20.3
360699 2004 TM_{20}	18.1	X	183.46294	84.08604	3.30632	2.69952	0.1463947	0.27401532	2.3475750	21	6 17.6	21.6
360700 2004 TX_{20}	18.0	X	325.07094	351.30702	15.53038	4.50754	0.1627490	0.28651135	2.2788102	21	9 7.7	19.6
360701 2004 TP_{32}	17.6	X	58.98953	70.45380	276.13223	2.52816	0.1639782	0.29994511	2.2102506	21	—	—
360702 2004 TD_{33}	17.4	X	241.65519	71.93779	359.12614	5.73310	0.1352737	0.28122889	2.3072576	21	7 31.2	20.5
360703 2004 TD_{34}	17.6	X	204.43584	254.53403	236.80105	2.31340	0.1003424	0.28486292	2.2875930	21	9 9.3	20.8
360704 2004 TX_{38}	17.7	X	125.80937	259.65039	31.65159	4.62107	0.1407361	0.30304813	2.1951371	21	—	—
360705 2004 TX_{50}	17.6	X	337.65757	117.60406	268.79737	2.11391	0.1671822	0.29006419	2.2601641	21	11 8.9	19.2
360706 2004 TF_{52}	15.0	X	2.03164	328.16294	34.69903	19.29980	0.1232163	0.17225300	3.1990782	21	10 24.4	18.7
360707 2004 TC_{56}	15.3	X	278.34710	8.80241	43.64919	19.67814	0.1365519	0.16419236	3.3029405	21	8 25.3	20.3
360708 2004 TZ_{66}	15.3	X	74.59068	301.00901	53.98479	7.75625	0.2858859	0.18526121	3.0475188	21	—	—
360709 2004 TG_{74}	17.3	X	172.65915	54.83077	351.24505	2.49502	0.2164728	0.26570655	2.3962633	21	4 16.6	21.1
360710 2004 TH_{79}	17.2	X	30.05466	326.29522	5.62884	6.67428	0.2325708	0.29390233	2.2404437	21	12 5.1	19.8
360711 2004 TZ_{89}	17.6	X	276.02840	38.87843	358.93320	5.48064	0.0681732	0.28255025	2.3000587	21	8 10.5	20.3
360712 2004 TL_{93}	16.1	X	99.64167	296.68231	16.71456	4.45709	0.2588727	0.18541318	3.0458533	21	—	—
360713 2004 TO_{102}	17.0	X	323.38030	116.52668	220.84399	8.59038	0.1817167	0.28280414	2.2986819	21	7 7.9	19.1
360714 2004 TO_{103}	16.1	X	97.49093	85.09365	197.65732	9.20633	0.0642756	0.18222089	3.0813233	21	11 13.7	20.6
360715 2004 TC_{107}	16.5	X	79.00720	197.34987	161.17021	2.52195	0.2084284	0.18737118	3.0245970	21	—	—
360716 2004 TN_{109}	17.3	X	21.87522	290.98652	64.11623	6.75119	0.1737009	0.29518335	2.2339570	21	12 17.5	19.7
360717 2004 TE_{120}	15.7	X	61.93955	91.48992	228.67123	8.56395	0.0663538	0.17876668	3.1208891	21	11 16.3	20.0
360718 2004 TC_{130}	15.8	X	8.63622	177.25363	197.54396	11.22556	0.1567834	0.17813100	3.1283095	21	11 24.0	19.6
360719 2004 TW_{131}	17.1	X	344.11357	325.71647	57.37528	7.76479	0.1063817	0.29057293	2.2575253	21	11 13.4	18.9
360720 2004 TG_{134}	15.8	X	18.12451	147.01946	225.29353	16.15550	0.2242583	0.17617126	3.1514664	21	12 12.9	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360721 2004 TX_{137}	17.4	X	240.27816	79.45689	335.44241	4.84944	0.2182048	0.27768528	2.3268451	21	6 26.6	20.9
360722 2004 TS_{139}	15.4	X	32.90586	334.17357	29.22997	21.65037	0.3112635	0.17844268	3.1246657	21	—	—
360723 2004 TD_{152}	17.8	X	168.52718	285.35150	206.78638	4.88425	0.1659053	0.27804418	2.3248424	21	7 31.1	21.5
360724 2004 TD_{179}	18.0	X	141.04508	88.34845	188.72120	4.18043	0.1813847	0.30573756	2.1822451	21	—	—
360725 2004 TT_{201}	17.3	X	22.98370	55.35658	246.60228	5.69630	0.2008185	0.28535911	2.2849405	21	10 1.8	19.5
360726 2004 TD_{225}	16.5	X	49.90075	131.91543	187.48274	6.50012	0.1945495	0.17862773	3.1225074	21	11 19.7	20.8
360727 2004 TN_{226}	16.1	X	43.60751	320.68954	27.26882	9.65711	0.0585898	0.18007953	3.1057022	21	11 24.5	20.4
360728 2004 TZ_{237}	17.6	X	38.03964	178.37822	168.07211	1.32523	0.2459965	0.29721900	2.2237451	21	—	—
360729 2004 TK_{247}	15.4	X	28.70313	264.30714	115.58663	12.71441	0.2030671	0.18032180	3.1029199	21	—	—
360730 2004 TC_{273}	15.4	X	55.90683	120.83481	236.03581	8.98449	0.0736033	0.17924904	3.1152876	21	12 23.5	19.8
360731 2004 TT_{282}	17.3	X	188.04921	41.58016	32.57346	13.14895	0.1673648	0.27301763	2.3532907	21	6 2.2	21.2
360732 2004 TH_{285}	17.7	X	159.71145	349.11605	195.70612	7.01859	0.0780193	0.28793649	2.2712847	21	10 2.5	20.9
360733 2004 TM_{302}	17.5	X	207.18334	353.01848	71.73534	4.88906	0.2372977	0.27403498	2.3474628	21	6 8.2	21.4
360734 2004 TL_{318}	17.8	X	111.64739	327.95270	10.01277	3.75936	0.2208726	0.30760678	2.1733956	21	—	—
360735 2004 TH_{348}	15.9	X	42.83158	140.02657	208.17882	10.34269	0.1167950	0.17688929	3.1429323	21	12 3.7	20.2
360736 2004 TP_{355}	15.5	X	54.23906	155.71480	169.39525	16.19683	0.2534300	0.17954846	3.1118233	21	12 10.0	20.3
360737 2004 TF_{368}	17.2	X	31.20190	314.95639	31.97231	7.95785	0.1541411	0.29324265	2.2438025	21	12 15.2	19.9
360738 2004 UD_{1}	16.3	X	125.89995	298.58193	20.03579	1.58707	0.3128711	0.18922919	3.0047658	21	—	—
360739 2004 UN_{5}	17.8	X	158.02457	70.98635	49.03324	3.01748	0.1119854	0.27264867	2.3554133	21	7 4.4	21.3
360740 2004 UE_{11}	17.3	X	270.77044	10.89410	28.28479	11.24011	0.1907995	0.27967753	2.3157820	21	7 15.7	20.5
360741 2004 VU_{17}	15.6	X	342.87381	325.80732	65.05461	6.16477	0.1638526	0.17297942	3.1901157	21	10 29.9	19.2
360742 2004 VR_{18}	15.3	X	32.00839	148.09196	224.11068	10.14710	0.0770477	0.17803884	3.1293889	21	12 13.0	19.6
360743 2004 VN_{23}	17.1	X	153.68035	174.41573	238.07064	6.61357	0.2727304	0.26222958	2.4173986	21	4 11.3	21.2
360744 2004 VB_{30}	15.3	X	95.39449	234.62244	62.82509	10.55380	0.0769924	0.17626892	3.1503022	21	11 27.9	19.9
360745 2004 VG_{30}	15.7	X	69.79480	120.74475	214.24570	9.69519	0.1489627	0.17912231	3.1167569	21	12 22.9	20.4
360746 2004 VC_{39}	15.1	X	153.29779	198.74340	56.18931	18.15174	0.1237638	0.17762444	3.1342543	21	12 6.1	20.2
360747 2004 VP_{66}	15.3	X	16.58224	335.43762	53.42588	9.26964	0.0705621	0.17766851	3.1337361	21	12 11.3	19.6
360748 2004 VA_{71}	16.7	X	358.79106	316.69847	51.36330	8.38387	0.1527637	0.29007637	2.2601008	21	11 22.6	18.5
360749 2004 VE_{76}	17.2	X	62.74729	341.00917	13.57578	7.78680	0.1356733	0.30087876	2.2056759	21	—	—
360750 2004 WY_{5}	17.9	X	181.42073	128.58299	294.02954	4.63667	0.2270135	0.26817372	2.3815438	21	5 14.5	22.0
360751 2004 XG_{48}	17.1	X	164.87318	184.25571	260.20615	2.73934	0.1685277	0.26515796	2.3995673	21	5 27.3	20.7
360752 2004 XM_{57}	17.2	X	222.23818	16.91689	98.92953	6.50408	0.0522861	0.27770800	2.3267182	21	9 19.9	20.2
360753 2004 XV_{78}	17.6	X	192.04909	319.64158	105.77123	3.42669	0.2226258	0.26832601	2.3806426	21	5 28.5	21.5
360754 2004 XQ_{89}	17.5	X	298.90230	84.82768	309.92332	4.11822	0.1642015	0.28284378	2.2984671	21	8 24.9	19.5
360755 2004 XG_{106}	17.4	X	313.96353	10.28098	22.04230	3.16972	0.1666431	0.28437559	2.2902058	21	9 23.7	18.9
360756 2004 XF_{123}	16.9	X	236.74581	188.72505	242.81107	6.82382	0.1014339	0.27615082	2.3354568	21	7 25.8	20.1
360757 2004 XQ_{134}	16.9	X	211.33313	9.24377	56.98538	7.40773	0.1233803	0.27122875	2.3636268	21	6 18.5	20.3
360758 2004 XF_{137}	17.6	X	181.35409	67.10435	15.06171	4.22591	0.1876834	0.26768717	2.3844287	21	6 8.7	21.4
360759 2004 XC_{164}	16.8	X	207.80814	307.60526	126.93552	7.35396	0.2280405	0.27341099	2.3510330	21	6 22.0	20.8
360760 2004 XF_{167}	17.1	X	297.09882	321.93289	69.04490	8.94597	0.1813820	0.28390366	2.2927431	21	8 18.1	19.5
360761 2004 XY_{180}	17.2	X	184.29861	349.85715	102.59291	4.06010	0.1448295	0.26711309	2.3878439	21	6 25.4	20.6
360762 FRIPON	17.5	X	132.75130	314.17492	134.79915	2.14542	0.1571033	0.25888867	2.4381515	21	4 30.7	20.9
360763 2005 AN_{1}	16.7	X	161.34189	171.98380	287.96405	6.09530	0.0542023	0.26502462	2.4003721	21	6 7.1	19.9
360764 2005 AH_{49}	17.1	X	12.26957	269.62567	177.90990	3.75870	0.2300628	0.23893130	2.5720970	21	—	—
360765 2005 BS_{2}	17.4	X	90.79718	54.72115	107.05458	23.90960	0.0530293	0.38002477	1.8876789	21	6 1.1	19.5
360766 2005 BN_{9}	16.5	X	352.25961	119.69716	327.27965	12.55448	0.1568176	0.23351052	2.6117509	21	—	—
360767 2005 BG_{38}	16.9	X	319.80572	0.72206	313.19143	5.92533	0.1827679	0.26516789	2.3995074	21	5 24.2	19.5
360768 2005 BQ_{40}	17.2	X	261.41963	282.14050	121.56159	7.76943	0.0970916	0.27131287	2.3631382	21	7 21.4	20.2
360769 2005 CT_{2}	17.2	X	21.95252	112.26613	135.93713	23.01989	0.0843899	0.37990429	1.8880779	21	6 22.2	19.1
360770 2005 CV_{14}	17.8	X	57.06993	191.55980	22.91693	1.32579	0.1321949	0.26023979	2.4297052	21	7 8.9	20.4
360771 2005 CZ_{14}	17.5	X	38.64399	276.12205	341.27126	4.21142	0.1747945	0.26357491	2.4091657	21	8 19.1	19.8
360772 2005 CU_{16}	17.1	X	87.61366	14.02981	142.95137	5.06363	0.1403440	0.25734484	2.4478929	21	6 4.1	20.2
360773 2005 CG_{73}	18.0	X	61.75472	126.50032	80.14572	2.10888	0.1806764	0.25803361	2.4435348	21	7 13.4	20.8
360774 2005 CJ_{79}	17.1	X	61.49134	94.40417	144.29281	6.75352	0.0770172	0.26458748	2.4030152	21	8 11.2	20.0
360775 2005 EK_{20}	17.2	X	31.46402	325.67039	144.04307	6.03386	0.2071752	0.24076554	2.5590170	21	—	—
360776 2005 EB_{39}	17.2	X	53.07285	35.27352	161.73873	6.49640	0.1851714	0.25459631	2.4654790	21	6 14.8	19.8
360777 2005 EU_{42}	17.6	X	71.51761	46.57016	148.74326	9.95394	0.2186734	0.25867352	2.4395032	21	7 17.3	20.6
360778 2005 EK_{95}	17.3	X	155.75302	266.58506	166.26366	23.65680	0.0735985	0.37483410	1.9050658	21	4 19.9	19.7
360779 2005 EP_{183}	15.6	X	37.66507	339.99500	180.66363	3.18160	0.1702031	0.12463617	3.9692336	21	4 8.4	20.3
360780 2005 EM_{186}	16.9	X	77.07205	105.87839	98.44553	4.21389	0.0641930	0.25972432	2.4329189	21	7 13.5	19.9
360781 2005 ES_{224}	17.7	X	124.27254	118.06805	28.09613	22.03969	0.0701270	0.37848460	1.8927964	21	6 22.1	20.2
360782 2005 EK_{271}	16.5	X	322.72109	281.36242	191.09445	9.09476	0.1784028	0.22842822	2.6503479	21	—	—
360783 2005 EG_{293}	17.7	X	114.43576	279.65165	175.35493	21.97799	0.1169713	0.36893112	1.9253330	21	3 28.1	19.3
360784 2005 FA_{5}	17.4	X	17.39411	180.75126	11.42801	3.77383	0.1109008	0.24507319	2.5289419	21	3 23.0	20.0
360785 2005 FQ_{8}	17.0	X	39.13089	81.45065	118.92607	23.76945	0.0845405	0.37272099	1.9122595	21	5 11.3	19.2
360786 2005 GJ_{6}	17.4	X	92.88116	73.52052	89.28036	3.75358	0.1279162	0.25282883	2.4769562	21	6 16.9	20.4
360787 2005 GO_{24}	17.2	X	293.38912	146.78194	191.59977	2.49982	0.2142181	0.25460733	2.4654079	21	5 15.7	20.5
360788 2005 GX_{31}	17.2	X	103.03826	267.55992	190.68637	21.80496	0.0968916	0.36778866	1.9293180	21	3 4.9	19.1
360789 2005 GS_{40}	16.0	X	344.41326	198.56277	30.08460	15.62024	0.0587178	0.24363825	2.5388618	21	3 29.1	19.1
360790 2005 GN_{42}	17.9	X	102.79304	298.27027	200.26146	1.96496	0.1539279	0.25713066	2.4492520	21	5 31.2	21.1
360791 2005 GP_{47}	16.5	X	215.45496	203.40506	194.19153	14.19707	0.0966286	0.25421687	2.4679317	21	5 19.6	20.3
360792 2005 GR_{57}	16.7	X	154.24732	208.70206	184.74196	5.33888	0.0910913	0.24019600	2.5630606	21	3 6.8	20.5
360793 2005 GU_{58}	16.3	X	300.25644	167.82609	95.57806	8.62762	0.1547124	0.24005709	2.5640493	21	2 26.9	19.9
360794 2005 GT_{87}	16.8	X	76.62709	42.98672	91.91723	5.78551	0.0294131	0.24223569	2.5486525	21	4 4.5	20.1
360795 2005 GA_{98}	17.7	X	296.74814	182.84801	118.99302	1.53368	0.0610601	0.24763037	2.5115015	21	4 24.8	21.0
360796 2005 GP_{103}	15.8	X	10.92791	1.70790	207.56159	2.23473	0.1086522	0.12444509	3.9732956	21	4 21.6	20.8
360797 2005 GF_{114}	17.1	X	106.55926	89.71249	61.47426	23.29768	0.0623974	0.37514010	1.9040297	21	6 1.3	18.8
360798 2005 GR_{127}	17.0	X	170.87380	321.66956	33.88042	21.99090	0.0828787	0.35787237	1.9647951	21	1 19.9	19.8
360799 2005 GT_{131}	17.0	X	232.34478	299.71173	55.24694	5.23121	0.0990732	0.24592857	2.5230744	21	4 12.7	20.7
360800 2005 GP_{150}	16.9	X	302.63615	159.73991	103.49950	4.00833	0.1719567	0.23894334	2.5720107	21	2 25.3	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360801 2005 GJ_{156}	17.2	X	297.97036	38.91798	203.23338	10.70709	0.1205032	0.23662479	2.5887844	21	1 26.9	21.0
360802 2005 GN_{168}	17.6	X	314.76993	262.31926	41.14312	22.42522	0.0387476	0.37387159	1.9083341	21	5 12.7	19.3
360803 2005 GG_{170}	17.7	X	320.91383	43.80783	215.38084	4.58435	0.1169372	0.24333891	2.5409435	21	3 21.2	20.8
360804 2005 GZ_{189}	17.9	X	52.84635	65.15195	111.86283	1.14122	0.1688869	0.25226816	2.4806249	21	5 11.6	20.3
360805 2005 HW_{2}	17.4	X	49.16730	118.35768	34.74641	5.21718	0.2054829	0.24374207	2.5381408	21	4 4.2	19.6
360806 2005 JA	17.3	X	96.40285	41.25041	90.24538	23.93518	0.0691169	0.36831886	1.9274661	21	5 1.6	19.7
360807 2005 JB_{35}	16.4	X	141.84898	266.92463	89.06987	12.65139	0.0754622	0.22521368	2.6755077	21	1 6.1	20.0
360808 2005 JM_{52}	14.8	X	70.14896	73.06841	88.43741	13.04545	0.1466579	0.12498170	3.9619144	21	5 25.9	20.2
360809 2005 JH_{63}	17.2	X	193.79248	235.15431	106.12146	24.77656	0.1062259	0.35432658	1.9778813	21	1 26.5	19.7
360810 2005 JH_{68}	16.4	X	245.88502	216.63099	74.43131	15.49182	0.2434699	0.23214729	2.6219655	21	2 2.2	21.2
360811 2005 JR_{68}	16.7	X	3.55050	138.51659	90.34007	14.11158	0.1457114	0.24540305	2.5266751	21	4 25.8	19.5
360812 2005 JC_{72}	17.6	X	346.48916	23.58544	198.81692	11.94646	0.1290840	0.24346392	2.5400736	21	3 7.0	20.5
360813 2005 JL_{74}	16.6	X	35.78172	299.83849	228.17952	28.24982	0.1426705	0.24175203	2.5520507	21	3 14.4	19.9
360814 2005 JD_{77}	17.5	X	80.04218	164.44083	23.07663	1.51657	0.1226376	0.25832478	2.4416983	21	7 3.3	20.5
360815 2005 JT_{84}	17.1	X	341.91642	28.52629	218.23110	1.53660	0.0420909	0.24656747	2.5187140	21	4 15.7	20.3
360816 2005 JA_{118}	17.1	X	227.32639	209.68256	126.79142	5.91461	0.2498522	0.23347814	2.6119923	21	3 11.3	21.7
360817 2005 JB_{125}	16.7	X	291.65346	98.54796	197.31799	13.15258	0.1911869	0.23899929	2.5716092	21	3 20.5	20.4
360818 2005 JW_{131}	16.6	X	239.91412	221.24916	89.11296	16.43226	0.1957146	0.23252978	2.6190894	21	2 24.3	21.2
360819 2005 JL_{148}	16.1	X	256.57676	158.62851	137.92068	34.35472	0.2117080	0.23294917	2.6159450	21	2 15.7	20.4
360820 2005 JJ_{150}	16.9	X	300.27710	189.95763	84.43083	8.26574	0.1653524	0.23918871	2.5702513	21	3 12.7	20.5
360821 2005 JV_{176}	16.5	X	325.42565	103.24229	149.92913	13.91081	0.1218928	0.24102130	2.5572063	21	3 23.9	19.7
360822 2005 KG_{7}	16.5	X	307.15226	91.89206	200.06504	15.99500	0.2105167	0.24053280	2.5606674	21	4 1.2	19.8
360823 2005 KL_{7}	16.8	X	14.05329	70.36116	138.25972	13.89632	0.1990186	0.24266574	2.5456405	21	4 13.8	19.2
360824 2005 KO_{11}	17.2	X	323.70600	126.99403	148.10058	5.89278	0.1547488	0.24262363	2.5459351	21	4 14.6	20.2
360825 2005 LV_{1}	17.0	X	307.57906	208.69897	100.61414	12.24565	0.2294083	0.24291977	2.5438655	21	4 28.9	20.4
360826 2005 LM_{10}	16.7	X	271.76433	244.44208	103.47039	13.72819	0.2942079	0.24160297	2.5531002	21	4 30.4	21.0
360827 2005 LG_{12}	17.6	X	300.22686	74.19175	202.69389	8.56904	0.1426817	0.23854923	2.5748427	21	3 12.7	21.2
360828 2005 LC_{13}	17.1	X	24.99046	325.01043	223.31167	12.40943	0.1675737	0.24244946	2.5471542	21	3 28.2	19.5
360829 2005 LD_{31}	16.3	X	233.00510	118.34596	186.70449	16.40961	0.3992555	0.22263824	2.6961013	21	1 31.1	21.9
360830 2005 LW_{40}	17.0	X	26.83730	354.80670	207.59006	6.37499	0.0755289	0.24286331	2.5442597	21	4 23.6	19.9
360831 2005 LK_{48}	17.2	X	288.23119	355.63384	280.16953	3.27964	0.3135201	0.23192262	2.6236585	21	2 8.3	21.4
360832 2005 LX_{52}	16.1	X	277.51109	239.44671	73.96899	16.09119	0.2630300	0.23320736	2.6140138	21	3 30.7	20.5
360833 2005 MM_{12}	16.6	X	327.64740	129.34202	112.28091	13.88021	0.2300028	0.23446581	2.6046519	21	2 23.9	19.9
360834 2005 MK_{28}	16.8	X	289.38629	358.90490	246.22573	7.01136	0.1107269	0.22641679	2.6660214	21	1 24.8	20.8
360835 2005 MO_{49}	16.4	X	35.24376	353.15220	166.72283	13.20363	0.0862242	0.23745661	2.5827351	21	3 9.4	19.1
360836 2005 NN_{3}	16.5	X	275.22603	201.73149	127.13103	15.47664	0.1834085	0.23491331	2.6013431	21	4 23.3	20.6
360837 2005 NE_{10}	16.8	X	214.07361	217.58317	116.24559	7.31551	0.1490611	0.22673306	2.6635416	21	2 28.2	21.1
360838 2005 NY_{10}	16.8	X	299.33662	145.36195	126.66687	5.09817	0.0826610	0.23279680	2.6170863	21	3 19.0	20.2
360839 2005 ND_{16}	16.6	X	255.68799	179.09568	110.02807	12.83281	0.1039413	0.22727473	2.6593078	21	2 16.6	20.6
360840 2005 NM_{35}	16.6	X	59.45041	96.62987	309.81858	3.33548	0.0701174	0.21166600	2.7884871	21	—	—
360841 2005 NK_{63}	16.6	X	189.27647	131.85001	170.85050	13.88718	0.0372410	0.21832258	2.7315152	21	—	—
360842 2005 NE_{86}	17.1	X	189.39016	49.68916	272.62202	3.69217	0.1091993	0.22104031	2.7090794	21	1 19.8	21.2
360843 2005 NG_{87}	16.6	X	248.06788	258.81855	73.52157	13.63643	0.2835567	0.22984567	2.6394402	21	3 26.2	21.4
360844 2005 OG_{17}	16.2	X	42.30207	183.55106	212.46170	6.77887	0.1040428	0.20336824	2.8638304	21	—	—
360845 2005 OW_{25}	16.4	X	277.24112	109.98388	164.51639	13.23833	0.2584536	0.22798421	2.6537878	21	2 2.3	20.9
360846 2005 QL_{3}	16.0	X	281.16263	40.08530	328.50123	10.03999	0.3186422	0.17567473	3.1574018	21	5 27.6	20.9
360847 2005 QN_{12}	16.4	X	266.13889	326.61484	284.55436	6.84313	0.1664016	0.22130247	2.7069394	21	1 5.9	20.8
360848 2005 QV_{16}	16.3	X	194.96825	170.98622	160.44661	8.53603	0.1756280	0.21794315	2.7346845	21	2 7.2	20.8
360849 2005 QC_{17}	16.5	X	264.47563	146.93785	155.66422	13.29382	0.2709592	0.22754052	2.6572365	21	2 25.5	20.8
360850 2005 QM_{23}	16.2	X	176.29525	165.14747	163.29565	13.48281	0.1250647	0.21381255	2.7697927	21	1 15.7	20.7
360851 2005 QH_{42}	16.3	X	169.22113	200.14880	169.07299	13.99634	0.2326486	0.21812093	2.7331984	21	3 5.3	21.0
360852 2005 QS_{47}	17.0	X	232.24586	183.77832	89.42941	4.38826	0.1287053	0.21631220	2.7484132	21	1 3.7	21.4
360853 2005 QP_{61}	16.8	X	247.46458	77.27416	187.94920	8.66089	0.1712472	0.21955521	2.7212820	21	1 4.9	21.4
360854 2005 QY_{65}	16.5	X	207.92350	80.20677	204.75179	6.66977	0.1427617	0.21598128	2.7512199	21	—	—
360855 2005 QL_{73}	15.7	X	293.51629	218.34395	188.22437	17.13928	0.3024346	0.17913483	3.1166116	21	7 30.3	20.1
360856 2005 QP_{115}	15.7	X	175.22200	138.29539	195.72817	14.16615	0.1253361	0.21597516	2.7512719	21	1 19.3	20.2
360857 2005 QO_{121}	17.2	X	250.47401	47.49938	231.94481	0.92520	0.1925479	0.22212633	2.7002420	21	1 23.3	21.7
360858 2005 QV_{122}	16.7	X	100.40970	104.06528	252.66212	0.92426	0.0431839	0.20585348	2.8407341	21	—	—
360859 2005 QU_{130}	16.7	X	245.25062	144.65361	105.53672	5.21502	0.0715598	0.21356079	2.7719690	21	—	—
360860 2005 QB_{132}	16.7	X	228.51184	174.10496	111.17873	5.15537	0.0586833	0.21644805	2.7472632	21	1 16.0	20.5
360861 2005 QK_{137}	16.6	X	8.35282	255.84293	171.28233	2.02435	0.0478094	0.20126953	2.8837041	21	—	—
360862 2005 QT_{158}	16.7	X	257.42960	191.36786	110.52795	6.77187	0.1601043	0.22618109	2.6678732	21	3 1.3	20.9
360863 2005 QQ_{180}	16.7	X	120.87471	321.80447	17.00120	4.54294	0.1532086	0.20536982	2.8451924	21	—	—
360864 2005 QS_{188}	16.4	X	212.72750	266.37022	46.30269	9.41085	0.2219642	0.21915446	2.7245984	21	2 4.2	21.3
360865 2005 QA_{189}	15.8	X	230.51351	182.83889	126.74932	12.55161	0.2063106	0.21954429	2.7213722	21	2 12.1	20.4
360866 2005 RH_{7}	16.3	X	230.09867	354.72046	312.35302	8.12075	0.1924827	0.22157688	2.7047041	21	2 7.6	20.7
360867 2005 RE_{26}	16.2	X	155.39803	297.32694	347.67791	1.44558	0.0297628	0.20336106	2.8638978	21	—	—
360868 2005 RD_{45}	16.8	X	250.11802	20.84804	281.95111	3.24547	0.3047264	0.22536797	2.6742864	21	2 12.5	21.7
360869 2005 RJ_{46}	16.6	X	308.93070	321.23729	133.06564	9.59873	0.0248202	0.19103502	2.9858000	21	12 5.1	20.8
360870 2005 SK	16.2	X	185.98004	298.51902	46.35440	10.21139	0.3067635	0.21897707	2.7260697	21	2 25.1	21.3
360871 2005 SM_{17}	16.3	X	0.84150	34.97374	8.38171	9.78827	0.0840765	0.19256654	2.9699479	21	12 11.6	20.3
360872 2005 SP_{24}	16.0	X	187.12275	300.84648	54.72330	9.49203	0.1904199	0.21869594	2.7284054	21	3 6.9	20.7
360873 2005 ST_{24}	15.9	X	23.08176	331.54718	36.43629	14.22304	0.1722589	0.19175200	2.9783526	21	12 9.5	19.8
360874 2005 SJ_{29}	16.0	X	3.16978	22.43823	359.14031	11.62539	0.1753348	0.18876481	3.0096918	21	11 23.3	19.6
360875 2005 SC_{36}	16.0	X	350.87202	25.27216	18.03789	9.01572	0.0742817	0.18851424	3.0123582	21	11 24.6	19.9
360876 2005 ST_{36}	16.9	X	37.35872	196.73225	183.78098	4.71051	0.1061306	0.19560534	2.9391082	21	—	—
360877 2005 SM_{44}	16.2	X	180.96641	315.43884	2.97767	7.94724	0.2216104	0.21177571	2.7875241	21	1 17.2	21.0
360878 2005 SU_{44}	16.0	X	280.02226	249.72886	206.36850	12.11260	0.0931309	0.18508887	3.0494102	21	10 19.5	20.1
360879 2005 SS_{48}	15.9	X	304.72575	236.39960	201.79409	16.74112	0.2123377	0.18407913	3.0605514	21	10 18.1	19.3
360880 2005 SO_{56}	16.3	X	170.29615	143.44121	198.41233	8.36344	0.1690420	0.21181209	2.7872048	21	1 28.2	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360881 2005 SH_{78}	16.7	X	274.50155	76.21138	181.05452	13.13335	0.1728819	0.21927162	2.7236279	21	1 18.6	21.2
360882 2005 SN_{80}	16.9	X	2.55398	4.91721	51.04418	1.97470	0.1113889	0.19491256	2.9460684	21	—	—
360883 2005 SN_{84}	16.5	X	45.73909	154.76472	188.35280	10.16208	0.0670626	0.19104461	2.9857002	21	11 27.7	20.7
360884 2005 SH_{86}	16.3	X	330.10506	246.18420	179.71201	8.77259	0.0809523	0.19025032	2.9940046	21	11 26.7	20.1
360885 2005 SD_{90}	16.5	X	147.97017	124.58369	204.85413	14.40211	0.1834579	0.20648472	2.8349415	21	—	—
360886 2005 SD_{93}	16.0	X	289.00765	62.30153	16.97954	9.27118	0.0828019	0.18395653	3.0619111	21	10 11.7	20.1
360887 2005 SB_{94}	16.5	X	83.46044	191.40018	174.41462	6.84014	0.0621195	0.20528667	2.8459606	21	—	—
360888 2005 SY_{102}	15.7	X	22.42052	59.89896	357.85823	11.62224	0.0132595	0.19816188	2.9137747	21	—	—
360889 2005 SH_{109}	16.2	X	229.62875	286.04760	198.09941	10.12044	0.2245880	0.17856206	3.1232729	21	9 6.5	21.3
360890 2005 SB_{110}	16.7	X	303.44606	249.78149	197.64469	4.01133	0.1102666	0.18784233	3.0195374	21	11 10.3	20.5
360891 2005 SP_{120}	15.9	X	164.74242	71.81722	206.72980	14.41630	0.1310461	0.20300185	2.8672753	21	—	—
360892 2005 SB_{121}	16.5	X	167.33377	127.48354	206.09271	11.33445	0.2232625	0.21227663	2.7831370	21	1 19.2	21.3
360893 2005 SP_{138}	16.8	X	222.96491	259.50310	19.95697	8.32782	0.1843437	0.21401360	2.7680577	21	1 3.4	21.6
360894 2005 SY_{142}	15.9	X	275.93423	252.85606	166.94575	11.77054	0.1771461	0.17788026	3.1312486	21	8 14.2	20.2
360895 2005 SJ_{145}	16.4	X	128.19250	178.89508	118.00956	3.04358	0.0983559	0.19888966	2.9066623	21	—	—
360896 2005 SE_{150}	16.4	X	223.51797	59.51373	38.47696	6.94523	0.2080335	0.17150814	3.2083339	21	8 6.6	21.7
360897 2005 SE_{152}	15.9	X	158.39566	279.78247	46.72389	17.38615	0.1111679	0.20572047	2.8419584	21	—	—
360898 2005 SW_{152}	15.7	X	201.52593	124.33982	30.84284	27.63769	0.1368757	0.18002870	3.1062868	21	10 5.9	20.8
360899 2005 SY_{156}	16.5	X	315.59394	268.49211	189.83455	8.98969	0.0610286	0.19257516	2.9698593	21	12 16.1	20.5
360900 2005 SG_{157}	16.8	X	299.86497	27.55377	57.05373	2.16033	0.1233915	0.18641878	3.0348899	21	10 30.2	20.6
360901 2005 SV_{168}	15.9	X	224.29401	295.39508	206.62807	13.30486	0.1019781	0.18563126	3.0434674	21	10 6.5	20.4
360902 2005 SX_{177}	16.2	X	221.61622	350.25133	210.44273	12.19199	0.0446601	0.19635877	2.9315851	21	12 22.2	20.5
360903 2005 SE_{178}	16.8	X	351.74363	181.56666	212.35632	9.52372	0.0694370	0.18922071	3.0048556	21	11 16.8	20.6
360904 2005 SB_{179}	16.2	X	231.79409	250.01737	191.59471	17.26242	0.2843881	0.17217067	3.2000980	21	7 14.2	22.0
360905 2005 SN_{188}	16.1	X	207.27407	238.58121	21.47887	15.10826	0.1133787	0.20467710	2.8516083	21	—	—
360906 2005 SQ_{200}	16.6	X	143.38199	257.31106	57.23659	2.87900	0.0565197	0.20305444	2.8667802	21	—	—
360907 2005 SW_{206}	17.0	X	178.51263	121.49223	193.60738	3.65538	0.1974186	0.21194675	2.7860241	21	1 7.7	21.6
360908 2005 SL_{211}	16.5	X	136.58718	285.84810	20.09616	6.74247	0.1272757	0.20022425	2.8937317	21	—	—
360909 2005 SL_{221}	16.9	X	115.90218	347.30935	6.03132	1.80168	0.0774632	0.20293495	2.8679054	21	—	—
360910 2005 SL_{222}	15.9	X	290.77469	193.30000	205.88553	11.28275	0.1374788	0.17918043	3.1160828	21	8 11.5	20.3
360911 2005 SX_{235}	16.5	X	156.37460	99.63432	228.94786	5.15618	0.1099545	0.20644481	2.8353069	21	—	—
360912 2005 ST_{239}	16.7	X	217.94073	74.18024	180.35833	6.71912	0.0570516	0.20616295	2.8378905	21	—	—
360913 2005 SW_{239}	16.4	X	286.13513	81.43731	357.39162	15.06047	0.1358371	0.18271741	3.0757386	21	9 28.1	20.4
360914 2005 SR_{263}	16.0	X	351.55278	211.22315	191.51532	10.82698	0.1029512	0.18853702	3.0121155	21	11 29.9	19.8
360915 2005 SS_{282}	16.5	X	321.91475	346.92174	72.33101	3.74336	0.0953183	0.18840242	3.0135500	21	11 4.2	20.1
360916 2005 SN_{283}	16.4	X	57.97623	255.26269	82.14813	12.13936	0.0889386	0.19048999	2.9914926	21	12 7.7	20.6
360917 2005 ST_{290}	16.3	X	3.28033	187.43746	197.49579	13.94816	0.0449748	0.18838456	3.0137404	21	11 20.6	20.5
360918 2005 TV_{14}	16.3	X	222.81895	178.97330	124.45593	8.84806	0.1394023	0.21877272	2.7277670	21	1 30.3	20.6
360919 2005 TU_{15}	16.5	X	275.05646	318.44852	203.66699	9.89192	0.0328772	0.19940910	2.9016125	21	—	—
360920 2005 TT_{16}	15.8	X	241.73084	94.19316	5.20790	25.98170	0.2095827	0.17777872	3.1324408	21	9 2.2	20.9
360921 2005 TB_{20}	16.8	X	104.32603	139.28251	194.66625	6.87505	0.0840579	0.20064064	2.8897268	21	—	—
360922 2005 TO_{25}	16.2	X	20.20343	340.15621	36.90636	9.69086	0.1413111	0.18908199	3.0063251	21	12 12.9	20.0
360923 2005 TC_{39}	15.9	X	264.33285	115.83145	329.17683	5.69648	0.1415283	0.17894413	3.1188255	21	9 6.5	20.3
360924 2005 TF_{43}	16.6	X	233.42160	274.28021	195.72573	12.48682	0.1130446	0.18050692	3.1007981	21	9 3.9	21.3
360925 2005 TQ_{54}	16.0	X	221.91591	271.98355	45.95377	9.57309	0.2407323	0.21876886	2.7277991	21	2 17.9	20.9
360926 2005 TW_{54}	16.0	X	263.57864	268.00019	198.19615	13.35934	0.1361909	0.18226917	3.0807792	21	10 3.4	20.2
360927 2005 TO_{61}	16.0	X	22.66063	352.28017	10.03095	10.35199	0.1161327	0.18947710	3.0021443	21	11 22.9	19.9
360928 2005 TH_{66}	16.6	X	322.94964	225.61861	213.19242	10.73593	0.0456647	0.18969798	2.9998134	21	12 2.2	20.6
360929 2005 TH_{104}	15.5	X	289.38083	63.53422	352.61804	9.08055	0.1101513	0.17825369	3.1268738	21	9 9.1	19.6
360930 2005 TV_{109}	16.3	X	307.74890	59.88366	345.91900	5.50138	0.0722954	0.18339293	3.0681811	21	9 25.7	20.2
360931 2005 TJ_{119}	16.5	X	201.30795	168.95705	13.71040	10.38594	0.0064291	0.18875339	3.0098132	21	11 7.5	20.8
360932 2005 TJ_{133}	16.3	X	202.02782	349.95334	208.13874	10.00019	0.0473927	0.18990559	2.9976267	21	11 26.6	20.7
360933 2005 TX_{135}	16.4	X	153.56304	160.65669	185.88563	13.43929	0.1032826	0.21053586	2.7984572	21	1 12.1	20.8
360934 2005 TN_{150}	16.6	X	229.21842	272.27818	178.99539	10.21296	0.1758178	0.17300605	3.1897882	21	8 1.7	21.8
360935 2005 TN_{151}	16.8	X	244.45232	85.22135	41.87879	3.40123	0.1211651	0.18174855	3.0866597	21	10 9.9	21.3
360936 2005 TZ_{161}	16.8	X	245.00270	195.47451	252.88372	2.54867	0.1116978	0.17551742	3.1592881	21	8 22.4	21.5
360937 2005 TM_{168}	16.2	X	262.14030	107.67447	22.77217	9.58302	0.1036131	0.18669032	3.0319464	21	11 4.9	20.3
360938 2005 TV_{169}	16.7	X	354.17572	50.96242	349.02175	6.59866	0.1267417	0.18981569	2.9985731	21	11 29.8	20.4
360939 2005 TN_{196}	16.5	X	355.20961	358.01564	45.14949	10.39094	0.1123763	0.18926978	3.0043362	21	12 4.4	20.2
360940 2005 TO_{196}	16.4	X	221.18849	120.25805	20.58254	7.26909	0.2195640	0.17963033	3.1108777	21	9 23.2	21.4
360941 2005 UY_{12}	16.7	X	32.62498	188.01397	219.36962	10.56081	0.0901874	0.19681106	2.9270920	21	—	—
360942 2005 UF_{17}	15.6	X	29.12790	105.62559	245.98588	8.30697	0.0452784	0.18561063	3.0436928	21	11 10.9	19.8
360943 2005 UX_{35}	16.9	X	209.77209	33.90915	225.65783	12.24284	0.0376034	0.19965539	2.8992256	21	—	—
360944 2005 UA_{38}	16.0	X	234.36976	55.09001	63.31803	10.39015	0.0657251	0.17646199	3.1480039	21	9 28.7	20.7
360945 2005 UV_{38}	16.4	X	320.21023	41.87329	56.68393	12.47941	0.0672990	0.18887651	3.0085051	21	12 20.8	20.4
360946 2005 UK_{39}	16.2	X	43.04938	134.29314	230.40266	8.93430	0.1145592	0.18910452	3.0060862	21	12 24.9	20.4
360947 2005 UH_{51}	16.7	X	210.70394	70.93422	236.29192	9.66994	0.2344141	0.21399982	2.7681765	21	1 22.2	21.7
360948 2005 UH_{54}	16.0	X	184.21469	287.92195	51.40836	10.01224	0.1852819	0.21313722	2.7756403	21	2 13.4	20.7
360949 2005 UV_{55}	15.6	X	284.51439	214.99182	220.58441	18.34136	0.1743246	0.17837256	3.1254845	21	9 11.4	20.1
360950 2005 UE_{66}	15.7	X	301.49214	179.66810	233.66173	8.23188	0.1005858	0.18116991	3.0932285	21	9 20.5	19.9
360951 2005 UA_{76}	15.5	X	350.66193	112.11170	269.24814	14.26770	0.0923701	0.18480474	3.0525349	21	10 25.1	19.5
360952 2005 UE_{82}	16.6	X	115.41655	265.43592	341.52415	0.72573	0.0505339	0.18452878	3.0555775	21	10 19.2	21.1
360953 2005 US_{91}	16.0	X	12.11937	349.26851	13.38913	9.59423	0.1050253	0.18464074	3.0543422	21	11 5.9	19.9
360954 2005 UN_{93}	16.8	X	62.63062	329.96512	29.35607	10.06489	0.0754464	0.19253368	2.9702858	21	—	—
360955 2005 US_{95}	15.3	X	112.37966	45.14324	216.85575	21.63300	0.0109580	0.18343773	3.0676815	21	10 30.3	19.7
360956 2005 UR_{104}	16.1	X	215.05659	226.95270	59.95035	16.14413	0.1314064	0.20632936	2.8363645	21	1 5.9	20.9
360957 2005 UP_{108}	15.8	X	62.73107	113.17641	209.99048	9.53842	0.1222221	0.18699585	3.0286429	21	11 30.4	20.2
360958 2005 US_{108}	15.8	X	260.22349	295.74391	138.59080	6.54806	0.2132089	0.17493654	3.1662779	21	8 10.2	20.5
360959 2005 UR_{109}	15.6	X	210.62359	77.39210	39.31445	13.55198	0.1186344	0.17011841	3.2257832	21	8 27.6	20.8
360960 2005 UY_{115}	16.8	X	118.42653	98.59163	219.37975	4.55867	0.1277941	0.19876914	2.9078371	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
360961 2005 UK_{124}	15.8	X	214.29179	267.58387	230.73853	14.73706	0.1747406	0.17590715	3.1546200	21	9 10.2	21.2
360962 2005 UF_{129}	17.1	X	176.33204	271.36211	17.32056	2.03460	0.0722749	0.20033407	2.8926741	21	—	—
360963 2005 UB_{141}	16.0	X	275.01426	291.58951	138.41036	2.04148	0.1090679	0.17598954	3.1536353	21	9 6.9	20.2
360964 2005 UB_{169}	16.5	X	58.07430	69.35404	285.62726	2.24867	0.1505780	0.19194123	2.9763948	21	—	—
360965 2005 UM_{175}	15.7	X	242.15651	242.68578	241.65943	11.67932	0.1070488	0.17871692	3.1214683	21	9 30.5	20.5
360966 2005 UR_{176}	16.2	X	288.20290	50.84810	39.73468	8.43116	0.1273373	0.18154417	3.0889758	21	10 19.9	20.2
360967 2005 UJ_{183}	16.2	X	315.75572	356.69730	53.58144	6.06453	0.1460316	0.18067534	3.0988707	21	10 9.7	19.9
360968 2005 UJ_{197}	16.6	X	301.77889	338.42019	81.53164	2.48431	0.1045142	0.17889310	3.1194186	21	10 3.4	20.5
360969 2005 UB_{209}	16.3	X	229.74227	304.05519	217.62753	16.98574	0.1891548	0.18583594	3.0412322	21	10 27.3	21.0
360970 2005 UV_{211}	16.3	X	228.98106	111.29512	71.65683	5.03595	0.0793912	0.18811479	3.0166210	21	12 4.1	20.5
360971 2005 UP_{212}	16.3	X	266.75800	324.90498	88.52233	2.69927	0.1634371	0.17165842	3.2064611	21	7 29.5	20.9
360972 2005 UZ_{230}	16.5	X	312.52804	3.11261	53.28314	1.68823	0.1603561	0.18130597	3.0916808	21	10 9.1	20.1
360973 2005 UV_{235}	16.4	X	127.74812	231.43174	80.43102	7.18903	0.0845787	0.19544447	2.9407208	21	—	—
360974 2005 UE_{249}	16.6	X	224.01798	53.67277	102.07629	2.55333	0.1104277	0.18199466	3.0838764	21	10 23.7	21.1
360975 2005 UK_{253}	15.5	X	247.61888	257.59882	232.72377	9.29161	0.1607011	0.18187772	3.0851981	21	10 9.2	20.1
360976 2005 UQ_{257}	16.8	X	318.42922	9.60371	66.36239	3.52193	0.0194138	0.18742590	3.0240083	21	11 22.6	20.7
360977 2005 UV_{266}	16.6	X	176.69544	21.88389	129.36769	2.33776	0.1331186	0.17048836	3.2211150	21	8 29.9	21.7
360978 2005 UK_{270}	17.0	X	265.93899	309.81895	183.79854	3.08509	0.0716015	0.18878719	3.0094540	21	11 20.9	21.2
360979 2005 UM_{277}	16.2	X	324.27653	182.08442	219.00380	8.42067	0.0878839	0.18191375	3.0847907	21	10 12.6	20.2
360980 2005 UD_{291}	16.2	X	51.52941	92.16965	251.61118	8.87189	0.1226467	0.18866937	3.0107067	21	12 11.6	20.5
360981 2005 UQ_{307}	16.1	X	88.87510	325.90759	46.54741	12.74191	0.0631335	0.19828044	2.9126131	21	—	—
360982 2005 UQ_{308}	16.3	X	14.22421	356.61823	51.72148	11.68338	0.0201964	0.19031028	2.9933756	21	12 29.9	20.6
360983 2005 UC_{320}	16.7	X	133.12282	71.48862	198.05301	5.93145	0.0649994	0.18893400	3.0078948	21	12 6.6	21.2
360984 2005 UT_{325}	16.4	X	215.16359	120.22876	76.47024	2.60045	0.1308698	0.19215846	2.9741512	21	11 30.3	21.0
360985 2005 UJ_{327}	16.0	X	168.20426	164.78635	43.33077	11.11321	0.0536419	0.18096287	3.0955874	21	10 30.8	20.6
360986 2005 UO_{334}	16.5	X	218.56463	230.57450	76.79270	7.87941	0.3424590	0.21368463	2.7708980	21	1 31.8	21.8
360987 2005 UR_{347}	16.3	X	145.65171	254.71276	64.63947	8.85138	0.0548610	0.20028080	2.8931870	21	—	—
360988 2005 UQ_{350}	15.8	X	305.46159	177.69267	221.92401	9.07281	0.0866386	0.17736137	3.1373529	21	9 9.7	20.1
360989 2005 UA_{352}	15.7	X	328.80856	127.46086	261.44733	9.52504	0.1169290	0.18142001	3.0903851	21	9 28.5	19.7
360990 2005 UC_{363}	16.9	X	253.03133	112.23243	4.80358	0.47229	0.1026438	0.18226395	3.0808380	21	10 9.3	21.3
360991 2005 UD_{365}	16.2	X	209.75508	326.53186	209.14427	10.93351	0.0853036	0.18388998	3.0626498	21	11 3.6	20.7
360992 2005 UZ_{386}	16.1	X	106.29710	244.72998	48.26420	12.64627	0.0345453	0.18654052	3.0335693	21	11 30.9	20.6
360993 2005 UF_{392}	16.9	X	246.33850	305.34466	118.27089	3.03379	0.1263143	0.17179619	3.2047466	21	7 23.3	21.7
360994 2005 UK_{395}	16.9	X	241.30289	93.61322	185.17136	7.98380	0.1824665	0.21591539	2.7517796	21	1 15.1	21.7
360995 2005 UY_{421}	16.9	X	143.98669	330.89969	339.60960	1.19054	0.0787695	0.19971784	2.8986213	21	—	—
360996 2005 UX_{424}	16.8	X	239.91493	138.46298	22.77368	4.51862	0.1148849	0.18794320	3.0184568	21	11 15.1	21.1
360997 2005 UM_{441}	15.9	X	351.43617	16.70644	28.52998	10.54537	0.1663015	0.18687005	3.0300020	21	12 3.8	19.4
360998 2005 UD_{454}	15.7	X	248.16884	37.21167	68.27272	17.80818	0.1900569	0.17478612	3.1680942	21	9 17.6	20.8
360999 2005 UU_{454}	16.0	X	279.62556	231.43717	156.77102	17.45121	0.1758082	0.17312653	3.1883083	21	7 10.5	20.8
361000 2005 UN_{468}	15.5	X	241.99640	60.91683	34.94359	16.27389	0.2162383	0.17196503	3.2026485	21	8 25.8	20.8
361001 2005 US_{475}	15.5	X	315.01568	203.03340	198.03485	10.51497	0.0908386	0.17988898	3.1078950	21	9 28.1	19.5
361002 2005 UB_{486}	15.9	X	257.59734	69.12665	340.39116	25.04697	0.2686842	0.17367868	3.1815472	21	7 7.8	21.3
361003 2005 UE_{512}	15.9	X	265.33009	219.69981	211.49559	15.90097	0.1905047	0.17341052	3.1848264	21	8 9.8	20.9
361004 2005 US_{515}	16.5	X	231.67850	350.18156	166.02542	13.60641	0.0260787	0.18632582	3.0358993	21	11 14.8	21.0
361005 2005 UW_{515}	16.1	X	231.80364	39.84956	126.53118	12.52852	0.1190983	0.18649565	3.0340559	21	11 16.4	20.8
361006 2005 UE_{519}	16.2	X	46.20960	263.98720	98.82257	13.14616	0.0762183	0.19068912	2.9894097	21	12 22.4	20.2
361007 2005 UG_{526}	16.8	X	132.62942	136.97867	162.89567	1.68716	0.1329132	0.19668653	2.9283275	21	—	—
361008 2005 VB_{45}	16.6	X	25.29081	204.32706	224.85236	5.28323	0.0767771	0.20021541	2.8938169	21	—	—
361009 2005 VU_{45}	16.8	X	184.06111	1.15604	147.25328	0.51995	0.1083054	0.17294161	3.1905806	21	9 2.7	21.9
361010 2005 VS_{49}	15.7	X	305.24228	17.70609	32.88767	9.74024	0.1416516	0.17756890	3.1349079	21	9 24.1	19.6
361011 2005 VQ_{77}	16.3	X	110.26104	318.01469	21.73037	6.03032	0.2276746	0.19921470	2.9034998	21	—	—
361012 2005 VG_{92}	17.1	X	158.25824	223.47637	77.48301	2.59611	0.1604586	0.20075470	2.8886321	21	—	—
361013 2005 VQ_{102}	15.9	X	5.97731	16.32783	355.34811	11.28617	0.2131295	0.18586960	3.0408650	21	11 18.8	19.5
361014 2005 VT_{126}	17.1	X	8.83971	235.29945	174.72806	2.19007	0.0716089	0.19543074	2.9408585	21	12 31.7	21.0
361015 2005 VU_{126}	16.1	X	238.28112	310.95214	186.50545	10.58546	0.0820281	0.18763006	3.0218143	21	10 21.7	20.5
361016 2005 VQ_{133}	16.4	X	311.79569	275.80937	135.05722	10.92789	0.0448993	0.18161552	3.0881668	21	10 15.6	20.7
361017 2005 WB_{11}	16.5	X	307.61063	1.37976	68.95639	1.95704	0.0691736	0.18223623	3.0811505	21	10 28.5	20.5
361018 2005 WN_{29}	16.1	X	289.23465	87.46591	58.89386	11.62053	0.0408401	0.19029657	2.9935194	21	—	—
361019 2005 WN_{36}	15.7	X	178.17073	96.36295	79.12220	11.84939	0.0689074	0.17462689	3.1700197	21	10 6.7	20.7
361020 2005 WJ_{39}	16.2	X	171.61469	109.81650	76.13406	2.62238	0.0889208	0.17567303	3.1574222	21	10 7.2	21.0
361021 2005 WV_{42}	18.3	X	197.06079	277.11642	261.57651	3.24605	0.0368936	0.30604572	2.1807799	21	11 15.1	20.8
361022 2005 WQ_{51}	15.9	X	190.02187	144.90087	74.59605	11.49590	0.0673098	0.18406382	3.0607211	21	12 5.6	20.4
361023 2005 WV_{56}	16.5	X	267.49015	283.26617	162.34853	9.46703	0.1421433	0.17779221	3.1322823	21	9 12.3	21.0
361024 2005 WQ_{68}	16.7	X	355.17993	183.59951	239.42210	5.22628	0.0327680	0.18862392	3.0111903	21	12 24.3	20.7
361025 2005 WK_{70}	16.5	X	114.83526	258.51556	61.68539	13.06164	0.0897350	0.19340327	2.9613757	21	—	—
361026 2005 WY_{87}	15.6	X	242.63757	27.88662	90.51178	15.73674	0.2315362	0.17310681	3.1885504	21	9 20.7	20.9
361027 2005 WS_{88}	15.2	X	209.32676	248.45869	247.93571	13.66932	0.0314334	0.17289921	3.1911022	21	9 13.2	20.1
361028 2005 WA_{95}	16.0	X	71.10846	176.70077	109.65235	3.07070	0.0854882	0.17714557	3.1399003	21	10 21.0	20.5
361029 2005 WC_{95}	16.3	X	102.95892	241.42939	84.37726	7.25432	0.0568084	0.18970641	2.9997246	21	—	—
361030 2005 WP_{97}	16.8	X	74.69263	263.47435	52.79927	2.71084	0.0082523	0.18318373	3.0705166	21	11 19.5	21.1
361031 2005 WD_{101}	15.7	X	229.63928	47.45379	74.40026	11.12022	0.1731411	0.17326790	3.1865738	21	9 16.3	20.8
361032 2005 WL_{102}	17.7	X	187.75319	285.76158	280.55604	5.15453	0.2045612	0.30216647	2.1994050	21	11 23.2	20.9
361033 2005 WR_{110}	16.7	X	21.80787	281.37519	95.39806	2.52159	0.1061362	0.18578174	3.0418236	21	12 10.6	20.7
361034 2005 WS_{115}	16.5	X	172.05865	243.40796	49.42593	15.59498	0.1386778	0.20321898	2.8652325	21	—	—
361035 2005 WX_{121}	17.7	X	252.89009	55.07596	80.51736	6.13392	0.1664613	0.30585901	2.1816674	21	11 13.4	19.8
361036 2005 WG_{140}	16.1	X	67.99846	266.94685	91.52577	8.05221	0.1279359	0.18680085	3.0307502	21	—	—
361037 2005 WY_{160}	15.3	X	194.74478	256.54750	268.18725	12.00013	0.2257554	0.17403788	3.1771681	21	9 21.2	21.0
361038 2005 WG_{208}	15.6	X	218.47353	88.93501	76.15717	11.12469	0.0671506	0.17932777	3.1143758	21	11 4.3	20.2
361039 2005 XQ_{13}	15.8	X	342.46112	357.36584	94.74227	11.42724	0.0702049	0.18920787	3.0049915	21	—	—
361040 2005 XU_{28}	15.7	X	298.35179	43.54488	35.85932	11.64800	0.0831579	0.18112917	3.0936924	21	10 25.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361041 2005 XM_{45}	15.7	X	141.46957	311.17911	275.71233	11.13682	0.1076097	0.17736177	3.1373481	21	10 21.2	20.9
361042 2005 XK_{48}	18.3	X	249.74138	112.85676	35.24468	0.66841	0.1036321	0.30782906	2.1723492	21	12 6.4	20.4
361043 2005 XO_{72}	15.7	X	322.64209	13.61359	73.54632	12.55460	0.1122036	0.18315412	3.0708475	21	12 8.2	19.4
361044 2005 XG_{76}	15.7	X	2.75610	324.63760	110.62534	12.19083	0.0968079	0.19095408	2.9866437	21	—	—
361045 2005 XQ_{78}	15.6	X	331.09371	5.41609	40.56640	11.84610	0.0684205	0.18116443	3.0932909	21	10 31.2	19.6
361046 2005 XN_{82}	16.0	X	110.02957	174.70490	59.09461	10.97120	0.0251915	0.17468084	3.1693670	21	9 28.9	20.7
361047 2005 YX_{4}	16.9	X	78.92658	1.76303	348.63474	2.96326	0.1153762	0.19021554	2.9943695	21	—	—
361048 2005 YZ_{12}	18.0	X	211.17390	96.98430	107.22961	3.76541	0.1050626	0.30638474	2.1791709	21	12 29.9	20.6
361049 2005 YN_{18}	16.1	X	53.00850	244.99277	71.02991	10.01048	0.1238814	0.18163272	3.0879718	21	11 10.6	20.4
361050 2005 YC_{20}	17.6	X	175.51956	265.98596	295.04093	5.17653	0.0793096	0.30098292	2.2051670	21	11 12.2	20.5
361051 2005 YF_{20}	18.0	X	224.54558	63.05684	90.29779	4.81655	0.0767405	0.30200217	2.2002026	21	11 12.0	20.5
361052 2005 YC_{43}	17.3	X	299.46547	338.86655	113.11965	6.02354	0.0839078	0.30450626	2.1881238	21	12 9.9	19.4
361053 2005 YH_{43}	17.8	X	16.81828	259.80630	138.32455	2.90573	0.0355231	0.30861303	2.1686687	21	—	—
361054 2005 YZ_{47}	15.3	X	244.16056	1.95348	109.68153	29.17671	0.1367442	0.17068902	3.2185900	21	9 28.2	20.6
361055 2005 YK_{57}	16.1	X	43.42675	288.47179	61.48640	3.95662	0.1018315	0.18006876	3.1058261	21	12 4.4	20.2
361056 2005 YT_{63}	16.0	X	142.34347	289.62541	295.03880	8.50855	0.1062325	0.17152015	3.2081841	21	10 18.9	21.2
361057 2005 YB_{85}	15.9	X	84.25518	262.44804	92.17811	11.37379	0.0559618	0.18974981	2.9992672	21	—	—
361058 2005 YT_{113}	15.4	X	303.90333	344.45842	89.14947	9.66603	0.0585156	0.17528656	3.1620614	21	10 30.7	19.7
361059 2005 YQ_{119}	16.2	X	164.84324	128.58663	119.55639	8.96880	0.1452961	0.17924899	3.1152883	21	12 11.2	21.4
361060 2005 YN_{120}	15.6	X	328.90309	263.71700	122.27613	8.59166	0.0074817	0.17061362	3.2195383	21	10 7.3	20.2
361061 2005 YQ_{139}	17.6	X	10.94234	48.68584	291.15899	6.51715	0.0308066	0.29877057	2.2160395	21	10 14.2	20.1
361062 2005 YR_{152}	15.9	X	10.84058	287.70400	59.99796	10.80220	0.0907298	0.17762958	3.1341938	21	10 19.7	20.0
361063 2005 YH_{167}	15.5	X	243.93873	331.20404	126.83961	13.18640	0.1413926	0.16765703	3.2572783	21	9 1.7	20.5
361064 2005 YH_{192}	15.6	X	48.52111	232.14657	112.80818	10.72872	0.1714152	0.17667819	3.1454353	21	12 14.8	20.0
361065 2005 YQ_{211}	17.4	X	287.70767	36.78210	23.07523	5.55931	0.2348456	0.29924538	2.2136948	21	9 5.1	19.3
361066 2005 YO_{215}	15.8	X	253.47068	67.15962	74.50427	17.60415	0.1007066	0.18281457	3.0746488	21	11 13.3	20.2
361067 2005 YX_{217}	16.3	X	342.57681	129.43626	273.10728	4.93649	0.0471085	0.18020210	3.1042938	21	11 10.4	20.5
361068 2005 YG_{232}	16.0	X	239.42016	173.62329	282.41915	3.67611	0.1480086	0.17085938	3.2164502	21	8 21.1	21.0
361069 2005 YD_{265}	16.2	X	216.24269	39.22131	96.60540	3.32294	0.0766120	0.16892290	3.2409851	21	9 23.9	21.0
361070 2005 YN_{279}	16.0	X	325.46629	321.11758	106.08964	10.95038	0.0690861	0.17878683	3.1206546	21	11 20.9	20.2
361071 2006 AO_{4}	15.4	X	299.33284	50.44265	318.44642	24.38342	0.5859137	0.23188317	2.6239561	21	5 2.2	20.4
361072 2006 AX_{46}	15.8	X	326.34602	274.85174	124.89913	10.00925	0.0696570	0.17401102	3.1774950	21	10 19.5	20.1
361073 2006 AQ_{47}	15.8	X	0.04113	250.76821	123.87477	16.70595	0.0789925	0.17519840	3.1631221	21	11 8.6	20.2
361074 2006 AX_{73}	17.6	X	141.86546	280.66195	352.53142	4.61325	0.0418678	0.30770015	2.1729559	21	—	—
361075 2006 BQ_{12}	17.5	X	235.61839	117.31525	324.98774	5.91707	0.1228865	0.28730237	2.2746255	21	8 8.9	20.4
361076 2006 BH_{24}	15.8	X	52.75116	224.03571	131.01209	10.14411	0.1410292	0.18009114	3.1055688	21	12 27.6	20.3
361077 2006 BO_{31}	17.8	X	224.44836	349.16345	107.58470	5.29245	0.1593890	0.28963251	2.2624093	21	8 12.5	21.1
361078 2006 BX_{45}	16.9	X	172.54086	221.13987	320.06491	7.36504	0.0777255	0.29145509	2.2529676	21	10 9.5	20.1
361079 2006 BQ_{78}	17.4	X	150.42127	326.19807	304.86044	3.42047	0.1627986	0.30535959	2.1840455	21	—	—
361080 2006 BA_{88}	15.5	X	47.98895	228.67133	129.11576	11.93225	0.1226973	0.17668453	3.1453600	21	12 22.5	20.0
361081 2006 BY_{88}	18.2	X	155.50276	169.53356	345.25024	1.88581	0.1605437	0.28523925	2.2855805	21	8 19.7	21.7
361082 2006 BU_{96}	17.2	X	215.45925	151.03044	324.14363	6.46034	0.0340601	0.28710958	2.2756437	21	9 7.7	20.0
361083 2006 BU_{107}	18.0	X	232.02404	16.57369	110.11571	3.65734	0.0961513	0.29575532	2.2310759	21	10 12.4	20.8
361084 2006 BE_{118}	18.2	X	174.19770	314.53157	187.21756	1.64455	0.1259547	0.28576563	2.2827730	21	8 20.3	21.5
361085 2006 BW_{133}	17.9	X	182.14019	354.84435	151.85201	7.33291	0.1595863	0.28766311	2.2727235	21	9 4.3	21.2
361086 2006 BL_{185}	17.7	X	359.13464	276.60250	105.35437	2.76525	0.2170061	0.30294982	2.1956119	21	12 29.8	19.6
361087 2006 BF_{189}	17.6	X	116.70730	182.13812	98.78875	4.32463	0.1641501	0.29604401	2.2296252	21	12 23.8	20.8
361088 2006 BP_{196}	17.3	X	154.71700	252.08459	305.80890	4.83387	0.1552471	0.29013194	2.2598123	21	10 11.8	20.9
361089 2006 BN_{246}	17.7	X	178.09506	57.22686	125.09547	2.78746	0.0649057	0.29406400	2.2396225	21	10 24.0	20.5
361090 2006 BB_{248}	18.3	X	123.97346	104.92592	131.87488	4.63399	0.1369753	0.29127485	2.2538969	21	11 5.3	21.6
361091 2006 BE_{256}	17.4	X	115.49588	258.61600	24.07094	2.09497	0.1662144	0.29763173	2.2216888	21	12 25.2	20.7
361092 2006 BN_{274}	17.7	X	52.20605	349.04249	320.55485	1.21034	0.1276701	0.29067836	2.2569794	21	11 17.8	20.4
361093 2006 BN_{279}	15.4	X	163.53183	61.67460	150.97049	10.65189	0.0445987	0.16867759	3.2441266	21	11 1.4	20.4
361094 2006 CJ_{60}	18.8	X	284.84678	328.22083	164.63950	5.15564	0.1284583	0.43232764	1.7321841	21	—	—
361095 2006 DD	17.0	X	191.46317	141.51751	6.39146	22.96366	0.2081370	0.28948018	2.2632029	21	9 17.1	20.6
361096 2006 DW_{14}	15.4	X	318.19776	305.18464	97.69184	10.46213	0.0786420	0.16910165	3.2387007	21	10 11.3	19.8
361097 2006 DJ_{24}	15.3	X	293.86029	23.19602	61.05004	10.39562	0.0409761	0.17083024	3.2168160	21	10 30.1	19.7
361098 2006 DL_{24}	17.3	X	118.25998	150.00508	146.08499	4.76946	0.1275288	0.30000023	2.2099799	21	—	—
361099 2006 DU_{26}	17.5	X	229.45408	354.50900	159.70041	5.86614	0.0837804	0.29580115	2.2308454	21	11 18.1	20.2
361100 2006 DV_{36}	16.9	X	24.59893	340.19895	350.72025	7.03398	0.1599245	0.28735526	2.2743464	21	11 10.5	19.5
361101 2006 DP_{59}	17.2	X	46.87630	330.53307	341.43374	3.75153	0.0916051	0.28828499	2.2694539	21	11 6.7	19.9
361102 2006 DU_{59}	17.2	X	108.47761	291.48055	352.03659	7.58342	0.0874033	0.29354925	2.2422398	21	12 15.3	20.4
361103 2006 DR_{70}	18.1	X	261.23310	107.90008	328.92122	2.19293	0.1748688	0.29234903	2.2483725	21	8 26.7	20.6
361104 2006 DZ_{99}	18.0	X	291.93145	59.79727	3.01826	6.55381	0.0693591	0.29268340	2.2466598	21	10 10.5	20.4
361105 2006 DN_{118}	17.7	X	92.93847	195.54987	359.16565	2.47443	0.1320105	0.27648382	2.3335811	21	8 2.8	20.7
361106 2006 DW_{123}	17.9	X	275.41252	76.39827	335.76345	3.01601	0.1612158	0.28917550	2.2647924	21	8 13.8	20.5
361107 2006 DN_{161}	18.1	X	104.85116	57.90275	172.45950	1.38948	0.1771157	0.28417999	2.2912565	21	10 9.1	21.5
361108 2006 DZ_{198}	17.8	X	177.73509	77.53205	69.56108	5.57946	0.1312928	0.28691011	2.2766983	21	9 3.8	21.2
361109 2006 DF_{206}	17.3	X	182.15412	181.24602	336.94893	7.31055	0.0430007	0.28793804	2.2712766	21	9 23.0	20.1
361110 2006 DS_{209}	17.0	X	73.13723	336.47684	347.49304	4.88502	0.2186852	0.29398683	2.2400143	21	—	—
361111 2006 DR_{211}	17.8	X	148.13954	174.96042	350.53417	3.56905	0.1283696	0.28166456	2.3048778	21	8 25.8	21.0
361112 2006 ER_{2}	17.7	X	114.45455	107.49437	107.89381	1.63026	0.1810912	0.28432964	2.2904525	21	9 29.9	21.2
361113 2006 ER_{8}	17.9	X	235.66107	331.53024	143.42774	2.81414	0.0793048	0.29037207	2.2585662	21	10 1.6	20.7
361114 2006 EQ_{16}	17.5	X	110.36454	191.57666	7.64345	7.63087	0.0479874	0.28014691	2.3131945	21	8 22.9	20.5
361115 2006 EZ_{23}	18.0	X	181.92775	340.92737	155.37365	5.00569	0.0951251	0.28551879	2.2840884	21	8 22.4	21.2
361116 2006 EE_{40}	17.4	X	96.95859	357.06676	301.62113	2.68722	0.0885859	0.29554063	2.2321562	21	12 23.2	20.2
361117 2006 FO_{13}	17.5	X	128.06210	29.88855	175.54853	6.00179	0.0499469	0.28261407	2.2997124	21	9 21.6	20.5
361118 2006 FZ_{17}	18.0	X	128.72238	164.12582	58.90614	3.01867	0.1194971	0.28431826	2.2905136	21	10 20.8	21.3
361119 2006 FN_{27}	18.0	X	36.29814	275.72442	28.19908	7.45659	0.1247152	0.28022242	2.3127790	21	10 16.8	20.4
361120 2006 FJ_{42}	17.2	X	358.59367	148.84453	177.41557	4.96335	0.2413919	0.27618798	2.3352472	21	9 24.1	18.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361121 2006 FD_{44}	17.3	X	115.41623	141.35797	94.88666	6.94967	0.1299577	0.28664758	2.2780882	21	10 27.2	20.6
361122 2006 GW_{1}	17.8	X	107.45305	206.69267	34.84355	6.40332	0.1291818	0.28503674	2.2866630	21	10 22.7	21.1
361123 2006 GW_{2}	20.2	X	234.62739	114.94992	135.98619	9.42093	0.1908270	0.56554843	1.4481810	21	—	—
361124 2006 GC_{4}	17.8	X	159.80994	51.98212	186.34663	4.61722	0.1041054	0.29622586	2.2287126	21	12 13.3	20.9
361125 2006 GP_{15}	17.2	X	107.94243	226.76913	40.24828	7.15762	0.1515595	0.28718029	2.2752701	21	11 25.4	20.6
361126 2006 GR_{15}	17.4	X	190.94256	81.41782	44.46828	6.06065	0.1038161	0.28100497	2.3084832	21	8 21.1	20.7
361127 2006 GT_{20}	16.9	X	34.96307	284.39440	47.86688	7.30380	0.1452166	0.28512260	2.2862039	21	11 27.0	19.5
361128 2006 GG_{21}	17.9	X	42.97447	257.91425	348.32104	2.29669	0.1344000	0.27450862	2.3447618	21	8 3.4	20.3
361129 2006 GQ_{21}	17.9	X	45.13555	5.64251	267.53786	1.02133	0.2160726	0.27754903	2.3276066	21	9 30.1	20.5
361130 2006 GJ_{23}	17.7	X	96.43742	75.26663	179.73478	4.50141	0.1110566	0.28317165	2.2966926	21	10 27.2	20.8
361131 2006 GH_{26}	17.4	X	90.64706	351.09867	198.35179	11.33417	0.1764558	0.27259302	2.3557339	21	7 25.8	20.8
361132 2006 GM_{28}	17.4	X	65.96062	215.03303	41.81608	5.71585	0.1392072	0.27700951	2.3306279	21	9 26.7	20.2
361133 2006 GZ_{36}	17.5	X	107.05280	85.36196	171.33999	2.99178	0.1869609	0.28500493	2.2868331	21	11 15.0	21.0
361134 2006 GX_{44}	17.5	X	28.54938	106.31203	185.30530	6.15555	0.1532183	0.27895455	2.3197815	21	9 19.2	19.7
361135 2006 HL_{9}	17.4	X	105.30203	169.34361	80.69594	2.48300	0.1811811	0.28477513	2.2880631	21	11 4.5	20.8
361136 2006 HM_{40}	17.3	X	83.81235	242.31843	25.52214	7.35900	0.1048831	0.28275550	2.2989455	21	10 27.1	20.3
361137 2006 HV_{43}	17.7	X	338.13073	307.47987	29.24496	2.77320	0.1363854	0.27277828	2.3546671	21	8 17.3	19.6
361138 2006 HP_{44}	17.0	X	256.66260	359.54171	56.43668	11.56873	0.0916219	0.27488185	2.3426388	21	8 7.1	20.2
361139 2006 HN_{57}	18.2	X	143.28703	111.40350	34.24407	2.13920	0.1247557	0.27507731	2.3415290	21	7 24.2	21.7
361140 2006 HL_{61}	17.9	X	55.39775	54.31460	202.45005	8.52900	0.2131542	0.27560945	2.3385140	21	9 19.5	20.8
361141 2006 HQ_{65}	17.7	X	22.87181	253.85381	53.85922	8.11167	0.1687699	0.27516507	2.3410311	21	10 9.8	20.0
361142 2006 HG_{81}	17.6	X	322.22229	60.16714	268.93760	0.91213	0.1056369	0.26947514	2.3738699	21	7 5.2	19.7
361143 2006 HV_{82}	18.0	X	72.67337	12.06352	226.27681	0.52234	0.1462785	0.27442973	2.3452111	21	9 7.8	20.9
361144 2006 HK_{83}	17.9	X	22.47004	121.47641	194.39179	5.80340	0.2834571	0.27371297	2.3493035	21	11 7.9	20.2
361145 2006 HE_{84}	17.8	X	55.93949	136.18442	141.59482	3.81267	0.1991176	0.27556426	2.3387697	21	10 20.8	20.8
361146 2006 HT_{84}	17.4	X	166.01908	37.93604	80.11521	6.78853	0.0447542	0.27020001	2.3696223	21	7 8.6	20.5
361147 2006 HN_{87}	17.9	X	136.09128	14.81911	192.33486	2.43327	0.1460922	0.28449505	2.2895646	21	10 7.7	21.3
361148 2006 HU_{95}	17.6	X	330.22474	129.33875	193.13699	0.77734	0.1990057	0.26795469	2.3828414	21	6 27.3	19.3
361149 2006 HC_{99}	18.4	X	25.34631	219.24108	74.29835	2.24011	0.1876401	0.27289707	2.3539838	21	9 23.3	20.5
361150 2006 HL_{105}	16.5	X	62.02530	151.53936	117.03465	24.23616	0.1312731	0.27713401	2.3299298	21	10 16.4	20.1
361151 2006 HO_{108}	17.6	X	140.20881	49.63813	152.62505	6.09492	0.1282757	0.28236129	2.3010847	21	10 6.7	20.9
361152 2006 HD_{152}	17.9	X	78.92912	141.47548	100.91621	3.01325	0.1789356	0.27730217	2.3289877	21	9 28.2	21.0
361153 2006 HJ_{152}	18.1	X	94.61610	212.44130	39.37226	5.43514	0.1127245	0.28453790	2.2893348	21	10 20.8	21.2
361154 2006 JX_{1}	17.1	X	88.02432	32.35867	212.77545	9.75953	0.1475207	0.27889250	2.3201256	21	10 5.4	20.3
361155 2006 JN_{13}	16.9	X	326.74801	219.02651	68.24954	14.07939	0.1558551	0.26187413	2.4195855	21	5 6.2	19.5
361156 2006 JJ_{31}	17.7	X	44.69728	135.17441	150.45578	4.68411	0.2481783	0.27443726	2.3451682	21	10 24.4	20.5
361157 2006 JF_{44}	16.8	X	318.47464	298.39220	67.00115	8.35895	0.1332242	0.27538807	2.3397671	21	8 26.8	19.1
361158 2006 JN_{49}	16.5	X	303.82356	314.33637	44.90292	15.28950	0.1613227	0.27036239	2.3686735	21	7 11.6	19.4
361159 2006 JU_{52}	17.4	X	12.48582	291.25018	53.84476	3.99134	0.2002969	0.28038805	2.3118681	21	11 19.0	19.5
361160 2006 JP_{62}	17.5	X	150.34434	76.94132	173.98616	6.37873	0.0773830	0.29899485	2.2149312	21	12 20.9	20.6
361161 2006 KS_{3}	17.2	X	155.16823	5.21008	206.15275	6.92134	0.0681068	0.28793001	2.2713188	21	11 3.1	20.1
361162 2006 KJ_{7}	17.3	X	222.71190	10.35403	62.09910	5.41452	0.0388944	0.27125167	2.3634936	21	7 19.4	20.3
361163 2006 KB_{9}	17.5	X	44.41524	21.89442	238.01224	4.71679	0.1600122	0.27153579	2.3618447	21	8 27.7	20.1
361164 2006 KK_{23}	18.1	X	110.97274	175.70688	56.15739	0.99890	0.2532906	0.28010791	2.3134093	21	10 21.2	22.0
361165 2006 KD_{41}	17.5	X	37.89072	350.94561	229.12070	6.52156	0.0609940	0.26474606	2.4020556	21	6 4.5	20.2
361166 2006 KN_{64}	17.5	X	21.27205	352.86658	264.78043	2.17919	0.1464130	0.26691908	2.3890008	21	7 10.3	19.5
361167 2006 KY_{64}	17.8	X	93.63259	326.29073	254.40414	1.64740	0.1678124	0.27470106	2.3436666	21	9 11.5	21.2
361168 2006 KS_{81}	17.2	X	85.97739	145.05303	118.95727	7.22737	0.1040041	0.27941155	2.3172514	21	10 28.1	20.4
361169 2006 KC_{83}	17.4	X	88.66013	239.42366	12.49175	2.45511	0.1925311	0.27968415	2.3157454	21	10 21.1	20.8
361170 2006 KN_{92}	17.4	X	48.61663	71.70411	211.14399	6.10527	0.1118702	0.27601519	2.3362217	21	9 30.7	20.2
361171 2006 KH_{107}	17.4	X	84.77888	248.65919	38.86149	7.86186	0.1087578	0.28582673	2.2824476	21	11 23.7	20.4
361172 2006 KM_{107}	17.0	X	132.38916	284.51101	230.60035	9.29840	0.0648480	0.27359623	2.3499718	21	7 16.4	20.3
361173 2006 LZ_{5}	17.0	X	327.42392	205.11976	107.97878	3.51682	0.2055133	0.25936162	2.4351866	21	6 5.3	19.0
361174 2006 OF_{8}	17.5	X	344.73704	174.45554	127.48860	2.93044	0.1703567	0.26127470	2.4232849	21	6 30.4	19.4
361175 2006 OV_{19}	16.1	X	251.13757	264.51002	63.58479	15.54705	0.1711548	0.24517044	2.5282731	21	3 30.7	20.3
361176 2006 PF_{6}	17.3	X	332.90778	233.70240	107.22498	2.67474	0.1815976	0.26263070	2.4149365	21	8 7.2	19.0
361177 2006 PC_{16}	16.8	X	358.90257	201.21529	118.52390	5.66640	0.1878630	0.26337745	2.4103697	21	9 7.4	18.6
361178 2006 PH_{18}	17.3	X	298.43067	237.92059	96.40996	2.24422	0.1521552	0.25536095	2.4605549	21	5 27.1	20.1
361179 2006 PJ_{25}	17.6	X	359.51513	114.98020	161.43102	1.32638	0.1652853	0.25824478	2.4422026	21	6 22.8	19.6
361180 2006 QK_{3}	15.9	X	194.60228	182.01754	165.25191	35.17233	0.2173669	0.23430596	2.6058365	21	2 25.1	20.3
361181 2006 QL_{24}	17.2	X	310.19924	280.21981	61.36084	3.23726	0.2080035	0.25677785	2.4514950	21	6 15.6	19.6
361182 2006 QV_{32}	17.3	X	351.59395	127.81359	167.43658	11.24844	0.2584976	0.25902613	2.4372888	21	6 29.8	19.0
361183 Tandon	16.8	X	46.46541	81.22370	335.79571	8.96095	0.1404107	0.21938840	2.7226612	21	—	—
361184 2006 QM_{38}	16.1	X	159.86102	23.23631	323.47938	12.59731	0.1617812	0.22993627	2.6387469	21	1 25.0	20.2
361185 2006 QP_{38}	17.0	X	248.26301	350.03259	314.25274	14.10817	0.2132406	0.24117661	2.5561084	21	2 14.7	21.4
361186 2006 QE_{41}	16.8	X	264.16795	265.44121	51.94871	3.97112	0.1089563	0.24589866	2.5232790	21	3 29.5	20.3
361187 2006 QW_{70}	16.9	X	17.10831	111.46126	347.94469	8.80460	0.1619078	0.22087021	2.7104701	21	—	—
361188 2006 QD_{86}	16.8	X	129.08264	243.92335	159.72494	7.77378	0.1835158	0.23241138	2.6199789	21	3 4.6	20.6
361189 2006 QC_{133}	16.5	X	146.82564	291.64637	67.51717	8.29903	0.1251335	0.22833301	2.6510845	21	1 22.9	20.4
361190 2006 QR_{136}	16.4	X	159.07997	2.20712	345.68249	11.92252	0.1720200	0.22492360	2.6778075	21	1 28.8	20.6
361191 2006 QF_{169}	16.5	X	206.46372	356.20742	352.66336	9.08144	0.1804956	0.23507413	2.6001565	21	3 8.9	20.7
361192 2006 QZ_{178}	16.4	X	51.94948	291.77176	153.24619	15.38725	0.0995333	0.22573947	2.6713516	21	—	—
361193 Cheungtaklung	17.5	X	341.60711	262.30035	37.84539	10.80490	0.2596954	0.25618270	2.4552903	21	6 5.9	19.3
361194 2006 RK_{4}	16.0	X	123.84955	177.99004	181.92168	4.94116	0.2569613	0.22231072	2.6987487	21	1 13.9	20.0
361195 2006 RM_{5}	17.8	X	175.34410	272.63253	191.65656	22.52749	0.0756758	0.38467181	1.8724453	21	6 28.4	20.6
361196 2006 RX_{17}	16.3	X	69.90709	196.02129	214.17122	13.89753	0.1704926	0.21877011	2.7277887	21	—	—
361197 2006 RN_{18}	16.2	X	94.32060	205.60619	187.51002	17.92974	0.1507941	0.21973646	2.7197854	21	1 1.6	19.9
361198 2006 RQ_{19}	16.6	X	220.56486	320.14379	1.40311	33.04158	0.2515147	0.23489407	2.6014851	21	2 28.7	21.5
361199 2006 RR_{23}	16.8	X	185.86400	171.42540	172.46627	14.54006	0.1146098	0.23416398	2.6068897	21	2 8.1	20.9
361200 2006 RU_{25}	16.6	X	82.68990	129.17011	299.14407	6.35646	0.1298134	0.22871099	2.6481629	21	1 26.2	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361201 2006 RQ_{32}	16.4	X	145.91527	352.86625	2.31261	11.33523	0.0956694	0.22469835	2.6795969	21	1 15.4	20.4
361202 2006 RZ_{33}	16.5	X	80.47816	99.36053	328.16355	7.47861	0.1705380	0.22480968	2.6787121	21	1 29.8	19.4
361203 2006 RE_{39}	16.6	X	138.13760	16.89618	13.59922	14.25958	0.1756703	0.22758595	2.6568829	21	3 2.6	20.7
361204 2006 RX_{45}	17.1	X	223.33394	244.71219	71.88025	2.37498	0.0376429	0.23184402	2.6242515	21	2 16.6	20.7
361205 2006 RA_{75}	18.4	X	288.83862	168.08435	180.05312	19.13270	0.0674333	0.38435266	1.8734817	21	6 12.4	20.7
361206 2006 RF_{78}	16.7	X	45.95637	59.36190	12.73345	9.54378	0.0870214	0.21913796	2.7247352	21	—	—
361207 2006 RZ_{85}	17.3	X	114.09535	17.25520	11.25453	4.97653	0.0216679	0.22485016	2.6783906	21	1 5.4	21.0
361208 2006 RK_{89}	16.8	X	292.20522	300.22789	336.57006	2.02162	0.1466774	0.23968030	2.5667357	21	3 3.9	20.4
361209 2006 RH_{91}	16.9	X	141.29124	177.66140	188.91551	6.23454	0.0683774	0.22522423	2.6754241	21	1 16.3	20.6
361210 2006 RN_{94}	16.8	X	193.17763	354.59641	355.55777	4.98036	0.1416649	0.23218098	2.6217119	21	2 26.9	20.8
361211 2006 RR_{95}	16.9	X	79.54879	76.00411	350.91163	1.47896	0.0659697	0.22274814	2.6952145	21	1 13.9	20.3
361212 2006 SK_{1}	16.5	X	97.80744	191.31516	186.60471	9.24585	0.1475369	0.22034006	2.7148160	21	—	—
361213 2006 SA_{12}	17.6	X	185.35098	210.80801	197.61245	20.57284	0.0829564	0.37383903	1.9084449	21	4 19.5	19.6
361214 2006 SO_{18}	16.6	X	83.43910	231.09889	165.00741	6.31500	0.1454787	0.21837720	2.7310597	21	—	—
361215 2006 SM_{32}	17.1	X	87.68695	15.81486	4.35779	13.14879	0.1626335	0.21793683	2.7347374	21	—	—
361216 2006 SY_{39}	16.6	X	321.03281	220.17090	10.19449	10.85131	0.0786668	0.23699038	2.5861214	21	2 23.3	20.0
361217 2006 SL_{44}	16.7	X	292.67115	303.62381	327.52430	9.31782	0.1861124	0.24125096	2.5555832	21	2 19.8	20.3
361218 2006 SL_{50}	16.8	X	359.60860	107.40087	203.62816	21.08419	0.2533293	0.25994415	2.4315471	21	8 19.5	19.0
361219 2006 SW_{70}	16.8	X	94.88099	184.69870	191.50411	7.79726	0.0428810	0.21686926	2.7437048	21	—	—
361220 2006 SD_{87}	17.1	X	309.61821	14.66086	183.98302	3.23356	0.0218918	0.22435597	2.6823223	21	1 5.3	20.8
361221 2006 SU_{88}	17.2	X	317.07524	266.77449	31.07659	5.54582	0.0751468	0.24612236	2.5217499	21	5 15.2	20.3
361222 2006 SB_{96}	16.9	X	337.61321	126.82207	37.81936	3.45906	0.0690348	0.22104380	2.7090509	21	—	—
361223 2006 SS_{98}	17.4	X	250.44937	308.02259	14.37257	2.49483	0.1196401	0.23811452	2.5779756	21	3 19.5	21.1
361224 2006 SH_{99}	17.4	X	140.45808	182.97529	198.00968	1.77520	0.0937208	0.22633326	2.6666773	21	2 6.0	21.0
361225 2006 SW_{106}	16.9	X	106.98294	190.29395	195.98238	4.58466	0.0850647	0.22221266	2.6995426	21	1 1.7	20.4
361226 2006 SA_{108}	16.4	X	210.62742	115.70260	193.22270	13.35600	0.0936262	0.23053478	2.6341778	21	1 20.5	20.7
361227 2006 SG_{113}	17.4	X	169.78926	182.90806	176.45330	14.16773	0.0891089	0.23217131	2.6217847	21	2 8.8	21.4
361228 2006 SH_{124}	16.2	X	181.21813	322.48546	35.58070	22.17732	0.0853753	0.23130268	2.6283444	21	3 6.4	20.5
361229 2006 SB_{127}	17.6	X	190.06333	0.71077	53.20476	20.74754	0.0971310	0.37555637	1.9026225	21	5 5.8	19.9
361230 2006 SB_{133}	16.3	X	56.44520	97.42750	319.21779	10.97036	0.0968014	0.21710199	2.7417437	21	—	—
361231 2006 ST_{152}	16.7	X	75.54459	17.66010	31.67534	8.91075	0.1185509	0.21811729	2.7332288	21	—	—
361232 2006 SL_{165}	17.2	X	91.00776	117.36151	301.41678	3.93737	0.0543932	0.22633640	2.6666526	21	1 16.9	20.4
361233 2006 SF_{167}	17.3	X	253.49930	320.94699	354.82699	11.46219	0.1194412	0.23973068	2.5663761	21	3 14.1	21.1
361234 2006 SO_{170}	17.3	X	348.98374	23.19509	212.24400	1.49823	0.1117379	0.24265846	2.5456914	21	4 3.7	20.1
361235 2006 SG_{179}	16.2	X	104.03785	25.12773	21.82059	11.91936	0.1718938	0.22418633	2.6836753	21	2 11.5	19.9
361236 2006 SM_{184}	17.7	X	355.54850	266.24298	189.45092	9.00032	0.1445542	0.21134778	2.7912855	21	—	—
361237 2006 SZ_{196}	16.7	X	131.24561	176.75397	204.83811	13.70134	0.2534939	0.22349544	2.6892031	21	2 12.8	21.1
361238 2006 SO_{207}	16.8	X	279.35394	264.04865	4.21623	9.79488	0.0361694	0.23148692	2.6269497	21	2 24.7	20.5
361239 2006 SQ_{212}	16.3	X	160.01257	157.35925	223.29138	11.97174	0.1463605	0.22953613	2.6418126	21	2 27.6	20.6
361240 2006 SR_{223}	16.5	X	326.39082	182.72375	339.36746	4.73811	0.0559348	0.21852267	2.7298475	21	—	—
361241 2006 SG_{229}	16.6	X	208.03464	325.36805	13.90735	11.98014	0.1374464	0.23546426	2.5972836	21	3 2.4	20.8
361242 2006 SV_{232}	17.0	X	267.71772	328.08263	341.39347	5.95340	0.1408711	0.24148638	2.5539219	21	3 17.7	20.6
361243 2006 SX_{249}	17.3	X	145.20030	148.09265	237.16226	1.39542	0.0199945	0.22925286	2.6439884	21	2 7.1	20.7
361244 2006 SO_{252}	16.8	X	125.40014	195.84449	204.78163	5.90068	0.0320183	0.22853990	2.6494843	21	2 2.1	20.5
361245 2006 SB_{260}	17.4	X	264.62038	286.23358	339.31281	1.60188	0.0308816	0.22927401	2.6438258	21	2 1.5	21.0
361246 2006 SE_{260}	17.2	X	267.48898	90.45308	200.26389	14.55564	0.1243147	0.23655256	2.5893114	21	2 21.5	21.3
361247 2006 SC_{262}	16.8	X	212.46066	313.82929	32.55071	6.58546	0.1759051	0.23451483	2.6042890	21	3 13.2	21.1
361248 2006 SE_{263}	16.5	X	312.48812	164.84537	266.52725	5.45649	0.2018689	0.19740090	2.9212583	21	10 25.4	19.6
361249 2006 SY_{263}	16.4	X	317.71522	19.54726	238.10906	8.59834	0.1523293	0.23862537	2.5742950	21	3 6.9	20.0
361250 2006 SV_{273}	16.7	X	24.72792	223.74463	224.78923	3.58809	0.0333383	0.21230708	2.7828709	21	—	—
361251 2006 SY_{273}	16.1	X	311.89842	90.69434	48.36714	15.59668	0.0994858	0.20648547	2.8349346	21	—	—
361252 2006 SJ_{279}	15.9	X	78.56802	216.11103	211.29945	21.13287	0.0678486	0.22294479	2.6936293	21	1 8.4	19.8
361253 2006 SA_{301}	16.8	X	83.92688	225.81739	189.39369	5.84188	0.0559921	0.22401381	2.6850529	21	1 2.6	20.3
361254 2006 SN_{316}	16.4	X	230.50170	273.44398	29.50712	11.66947	0.0740118	0.23065475	2.6332643	21	2 10.9	20.5
361255 2006 SY_{317}	16.9	X	5.30461	37.77742	52.04260	5.70456	0.1360421	0.21215767	2.7841773	21	—	—
361256 2006 SK_{318}	17.1	X	345.58211	337.20669	151.10326	5.25413	0.0748574	0.21650771	2.7467585	21	—	—
361257 2006 SS_{322}	16.4	X	79.30025	83.97671	22.32710	22.21820	0.0783560	0.23028785	2.6360604	21	3 15.8	20.0
361258 2006 SY_{327}	17.1	X	257.56104	116.52703	183.00220	7.32140	0.0537101	0.23347286	2.6120317	21	3 3.7	20.8
361259 2006 SS_{335}	17.0	X	95.62059	347.97258	76.13393	4.93156	0.0762376	0.22601901	2.6691485	21	2 3.6	20.5
361260 2006 SG_{342}	17.2	X	333.22658	12.93018	256.60265	4.13845	0.1724889	0.24495599	2.5297484	21	4 15.3	20.1
361261 2006 SS_{353}	16.6	X	188.75947	315.47797	39.13153	13.88263	0.1427173	0.23183000	2.6243573	21	3 6.5	21.0
361262 2006 SE_{357}	16.5	X	206.65006	304.04696	49.17616	9.56676	0.1425173	0.23381452	2.6094865	21	3 18.7	20.7
361263 2006 SD_{366}	16.0	X	131.35963	348.41772	34.62993	13.87452	0.1054026	0.22343921	2.6896543	21	2 6.5	20.0
361264 2006 SB_{370}	16.8	X	210.89657	330.56218	355.43456	2.98073	0.0749399	0.23215369	2.6219173	21	2 13.7	20.7
361265 2006 SS_{372}	16.5	X	151.49965	355.69863	344.17534	9.07618	0.1379766	0.22268297	2.6957402	21	1 6.8	20.6
361266 2006 SA_{376}	16.0	X	196.81383	28.16314	105.11739	5.83989	0.2022566	0.18657387	3.0332079	21	8 26.2	21.1
361267 `l`iwi	17.3	X	329.83338	151.49963	14.95716	7.27167	0.1475918	0.22173706	2.7034014	21	—	—
361268 2006 SU_{398}	16.9	X	45.60349	226.27421	218.96861	4.31973	0.0902527	0.22067050	2.7121052	21	—	—
361269 2006 SR_{399}	16.8	X	232.05375	346.48379	332.04872	4.90425	0.1261523	0.23468148	2.6030560	21	2 23.8	20.9
361270 2006 SD_{404}	17.1	X	248.13020	279.21060	15.22553	5.95798	0.1170602	0.23036508	2.6354712	21	2 13.7	21.2
361271 2006 SK_{405}	17.0	X	126.60553	132.90302	246.15198	2.64086	0.0176420	0.22404139	2.6848326	21	1 7.9	20.5
361272 2006 SD_{407}	16.3	X	209.69620	220.99167	106.23765	9.70171	0.2030591	0.23210657	2.6222721	21	2 16.1	20.8
361273 2006 SV_{407}	16.1	X	209.22069	279.39265	24.19276	13.96844	0.1465697	0.22666134	2.6641034	21	1 20.8	20.6
361274 2006 SQ_{411}	17.1	X	154.22208	334.58396	34.53741	6.03711	0.1932682	0.22887424	2.6469035	21	2 19.4	21.3
361275 2006 TC_{4}	16.8	X	121.95103	184.80032	190.23682	8.93292	0.1595047	0.22064144	2.7123433	21	1 16.6	20.6
361276 2006 TA_{12}	16.6	X	76.73829	17.55276	20.71089	9.47816	0.1811739	0.21712011	2.7415911	21	—	—
361277 2006 TX_{12}	16.1	X	307.56547	38.96707	244.55589	12.69139	0.1424968	0.24296994	2.5435153	21	3 27.6	19.6
361278 2006 TD_{18}	16.5	X	295.24780	188.52539	39.63106	9.04600	0.0346353	0.22611976	2.6683556	21	1 25.5	20.3
361279 2006 TV_{18}	16.6	X	273.21006	59.78210	229.92544	8.76666	0.1917000	0.23638765	2.5905155	21	2 19.5	20.8
361280 2006 TC_{19}	16.6	X	111.53938	87.23855	280.16500	1.74939	0.1014736	0.21735428	2.7396216	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361281 2006 TR_{29}	16.9	X	352.74745	35.05684	85.48346	1.83817	0.0210385	0.21518423	2.7580095	21	—	—
361282 2006 TC_{31}	16.9	X	100.80413	350.03600	33.75409	10.10979	0.2502285	0.21872826	2.7281366	21	1 18.8	20.5
361283 2006 TP_{31}	16.8	X	83.12238	25.04966	36.29257	7.08886	0.0384654	0.22123875	2.7074592	21	1 9.9	20.4
361284 2006 TS_{34}	16.4	X	130.23434	356.17923	27.79795	6.76065	0.0341350	0.22282831	2.6945679	21	1 23.7	20.2
361285 2006 TY_{34}	16.8	X	142.18460	328.49410	17.55721	5.28700	0.0088045	0.21783113	2.7356220	21	—	—
361286 2006 TB_{35}	17.1	X	43.76731	73.13947	11.45792	3.15216	0.0879870	0.21654737	2.7464231	21	—	—
361287 2006 TX_{35}	16.4	X	10.05689	88.75408	29.35161	7.62250	0.1038420	0.21544658	2.7557700	21	—	—
361288 2006 TL_{40}	16.8	X	1.75363	251.03899	225.24947	1.95860	0.0640379	0.21437593	2.7649378	21	—	—
361289 2006 TV_{41}	17.4	X	261.97749	266.57252	47.41932	1.24489	0.1850113	0.23735317	2.5834855	21	3 15.3	21.5
361290 2006 TQ_{47}	17.0	X	112.17404	243.40580	112.14614	1.36310	0.0819505	0.21434916	2.7651680	21	—	—
361291 2006 TW_{47}	16.4	X	174.09136	311.01396	39.15913	15.31427	0.0724222	0.22520394	2.6755848	21	2 11.1	20.6
361292 2006 TA_{49}	16.7	X	151.37982	122.72921	231.13026	11.89103	0.1610054	0.22362474	2.6881664	21	1 20.9	21.0
361293 2006 TV_{52}	16.8	X	7.12764	338.00722	108.40160	1.75313	0.0399156	0.20915123	2.8107945	21	—	—
361294 2006 TN_{55}	17.7	X	128.96668	215.56530	194.92793	21.77544	0.1019272	0.36139569	1.9520041	21	1 31.4	20.2
361295 2006 TY_{57}	16.2	X	222.45127	265.63068	24.88291	12.63654	0.1099226	0.22736135	2.6586324	21	1 16.3	20.5
361296 2006 TX_{58}	16.8	X	272.50401	229.19338	0.58707	4.75207	0.0527482	0.22060271	2.7126608	21	—	—
361297 2006 TL_{63}	16.4	X	294.64143	57.10914	233.84282	8.29822	0.2536949	0.24404058	2.5360707	21	3 6.8	20.4
361298 2006 TN_{78}	16.4	X	207.08039	109.33096	213.36252	9.46249	0.0522021	0.22573088	2.6714194	21	2 2.4	20.5
361299 2006 TX_{79}	16.7	X	175.86866	327.57184	344.49439	6.26605	0.0174292	0.21851019	2.7299515	21	—	—
361300 2006 TM_{80}	16.1	X	196.81441	115.81831	225.58472	21.25847	0.0714187	0.22883295	2.6472219	21	2 9.4	20.5
361301 2006 TF_{91}	16.9	X	228.08472	313.60256	1.34401	2.05810	0.1847916	0.23085039	2.6317763	21	2 15.3	21.1
361302 2006 TZ_{100}	16.5	X	223.89656	65.10699	229.62642	9.26187	0.0183151	0.22423744	2.6832674	21	1 19.0	20.4
361303 2006 TB_{104}	16.5	X	294.97831	185.05940	46.09688	9.61950	0.0359092	0.22498515	2.6773191	21	1 29.4	20.3
361304 2006 TV_{108}	17.3	X	348.66464	247.34884	73.97015	26.72982	0.0463926	0.38933022	1.8574793	21	9 13.8	19.8
361305 2006 TH_{121}	16.7	X	250.90975	126.63978	146.92747	14.12190	0.1627719	0.22585682	2.6704261	21	1 17.4	21.1
361306 2006 TM_{122}	16.8	X	239.20401	40.41186	240.87009	10.30364	0.0639688	0.22342415	2.6897751	21	1 18.4	20.9
361307 2006 TW_{123}	17.2	X	244.79578	247.35904	79.01975	2.70816	0.2100230	0.23780740	2.5801947	21	3 13.9	21.5
361308 2006 UV	17.3	X	45.16568	74.85575	220.44091	5.97344	0.1440040	0.26174727	2.4203673	21	10 16.9	20.1
361309 2006 UW_{4}	16.7	X	135.87000	329.64005	36.42607	6.66136	0.0363620	0.22328432	2.6908979	21	1 7.2	20.4
361310 2006 UO_{5}	15.9	X	64.78961	50.03656	51.85629	22.29789	0.0667658	0.22529571	2.6748582	21	2 17.7	19.8
361311 2006 UT_{6}	16.1	X	170.81305	303.85384	46.71532	14.62605	0.0895519	0.22576697	2.6711347	21	2 8.3	20.3
361312 2006 UG_{10}	17.0	X	65.63350	94.45283	342.27012	5.92446	0.0206256	0.22155347	2.7048946	21	1 4.2	20.7
361313 2006 UX_{17}	17.9	X	331.49355	309.82602	42.90548	22.88398	0.0964742	0.39045268	1.8539177	21	10 3.1	19.5
361314 2006 UZ_{19}	17.0	X	127.75633	21.59709	2.59943	6.05201	0.0583974	0.22391855	2.6858144	21	1 23.8	20.7
361315 2006 UJ_{25}	16.9	X	107.51984	18.84409	22.33712	5.73915	0.0039644	0.22278378	2.6949270	21	1 11.4	20.6
361316 2006 UH_{28}	16.8	X	10.60161	268.27900	211.98061	7.02856	0.0770215	0.21781773	2.7357342	21	—	—
361317 2006 UC_{31}	16.8	X	221.77835	87.82533	221.03942	4.59049	0.0811995	0.22811725	2.6527559	21	2 2.4	20.9
361318 2006 UU_{31}	16.5	X	69.57740	202.24981	215.17409	8.75308	0.0450233	0.21779968	2.7358853	21	—	—
361319 2006 UG_{34}	17.2	X	67.95118	227.18366	198.39010	4.96988	0.0477293	0.21885636	2.7270720	21	—	—
361320 2006 UL_{35}	17.2	X	317.68643	285.51711	40.50520	23.14393	0.0621907	0.38232292	1.8801067	21	6 23.1	19.3
361321 2006 UU_{35}	16.9	X	113.86415	3.08588	24.97528	6.57229	0.0471259	0.22056091	2.7130035	21	1 9.5	20.6
361322 2006 UR_{38}	16.6	X	125.31905	121.24467	239.36072	1.49791	0.0947512	0.21850621	2.7299846	21	—	—
361323 2006 UK_{42}	16.9	X	13.92070	38.57662	53.38811	5.18625	0.0349300	0.21194479	2.7860413	21	—	—
361324 2006 UU_{42}	17.2	X	201.06533	118.69101	210.99269	3.26941	0.1195987	0.22720409	2.6598590	21	2 7.7	21.3
361325 2006 UE_{50}	17.1	X	174.27433	43.48524	249.35102	5.44145	0.0088998	0.21594175	2.7515557	21	—	—
361326 2006 UL_{52}	17.3	X	222.97485	203.93559	135.17133	2.68445	0.1544807	0.23524985	2.5988616	21	3 12.3	21.4
361327 2006 UX_{57}	16.4	X	213.38080	232.70080	57.24296	5.26627	0.0406448	0.22060711	2.7126247	21	1 4.5	20.4
361328 2006 UK_{59}	17.3	X	7.22508	111.39452	2.60682	2.90330	0.0424558	0.21581634	2.7526215	21	—	—
361329 2006 UU_{61}	16.6	X	358.85680	83.88806	243.83662	10.20040	0.2973827	0.26170282	2.4206413	21	9 25.9	18.2
361330 2006 UJ_{65}	16.8	X	114.48224	10.11796	0.53083	5.90292	0.0534012	0.21914655	2.7246640	21	—	—
361331 2006 UC_{66}	17.2	X	156.67421	196.04029	191.92917	4.21145	0.1145684	0.23263985	2.6182632	21	3 5.8	21.2
361332 2006 UJ_{72}	16.7	X	71.40940	243.17446	210.25772	21.58671	0.0572348	0.22572591	2.6714586	21	1 28.4	20.6
361333 2006 UJ_{79}	16.8	X	341.37859	214.32443	15.52424	11.72841	0.1402133	0.23580588	2.5947746	21	3 15.1	19.8
361334 2006 UZ_{85}	17.1	X	264.98790	47.41722	271.28990	3.11361	0.2157257	0.23986086	2.5654475	21	3 18.8	21.1
361335 2006 UY_{90}	16.7	X	78.96277	350.96899	33.69160	5.50096	0.1619446	0.21240567	2.7820097	21	—	—
361336 2006 UK_{93}	17.0	X	34.36633	244.77942	199.53325	8.47945	0.0799125	0.21536932	2.7564291	21	—	—
361337 2006 UG_{95}	17.3	X	137.75478	268.90868	90.18111	2.92640	0.0905663	0.22115567	2.7081372	21	1 7.9	20.9
361338 2006 UA_{96}	16.7	X	253.82205	147.98227	116.61461	3.37490	0.0279568	0.22443894	2.6816612	21	1 19.3	20.3
361339 2006 UT_{100}	16.5	X	295.91158	37.93960	193.10120	11.24216	0.1125151	0.22497831	2.6773735	21	1 14.8	20.6
361340 2006 UT_{112}	16.8	X	84.17017	25.56601	19.76829	5.55424	0.0696719	0.21980316	2.7192351	21	—	—
361341 2006 UC_{124}	17.0	X	58.70343	243.76433	190.03630	4.76393	0.0990980	0.21899812	2.7258950	21	—	—
361342 2006 UO_{127}	15.8	X	317.80700	6.34011	221.61969	21.32617	0.0375883	0.22920857	2.6443290	21	2 11.3	19.9
361343 2006 UF_{133}	16.8	X	318.66107	139.27942	42.31345	6.55499	0.0667200	0.21906164	2.7253680	21	—	—
361344 2006 UQ_{134}	16.9	X	349.36947	264.76078	195.82480	5.37700	0.1252333	0.20850571	2.8165929	21	—	—
361345 2006 UA_{135}	16.7	X	137.08212	313.77933	52.87013	6.95330	0.0782790	0.22168699	2.7038084	21	1 15.9	20.6
361346 2006 UK_{154}	16.4	X	42.77751	259.18178	222.48404	10.50114	0.0711470	0.22768196	2.6561360	21	1 26.3	19.8
361347 2006 UJ_{157}	17.0	X	40.72289	229.74033	188.14129	6.00978	0.0279646	0.21402243	2.7679816	21	—	—
361348 2006 UW_{168}	16.6	X	148.78348	300.71732	56.44610	6.98238	0.0322228	0.22311768	2.6922376	21	1 11.4	20.3
361349 2006 UW_{184}	16.8	X	76.66316	103.61047	296.97949	6.19177	0.1409619	0.21670284	2.7451094	21	—	—
361350 2006 UQ_{187}	17.1	X	271.30018	328.48032	337.62040	13.11292	0.2950298	0.24284989	2.5443534	21	3 2.9	21.4
361351 2006 UY_{197}	17.4	X	222.24804	296.27278	46.60951	11.31303	0.2115034	0.23494861	2.6010825	21	3 19.3	21.9
361352 2006 UH_{200}	16.2	X	175.32815	56.26978	275.00400	4.91136	0.0397752	0.22209233	2.7005175	21	1 10.8	20.0
361353 2006 UB_{204}	16.4	X	169.34271	116.31986	231.64843	5.13344	0.1365475	0.22552204	2.6730683	21	1 30.7	20.6
361354 2006 UX_{211}	16.8	X	356.87342	90.42620	350.81881	4.37127	0.1236066	0.20537698	2.8451262	21	—	—
361355 2006 UZ_{211}	17.1	X	343.94124	155.15424	326.43283	3.51436	0.0216702	0.21098705	2.7944661	21	—	—
361356 2006 UX_{217}	17.5	X	311.47094	126.28170	169.22139	4.11610	0.1198539	0.24346944	2.5400353	21	4 28.8	20.5
361357 2006 UN_{218}	16.9	X	229.54733	319.80753	9.68622	4.86098	0.1429471	0.23384912	2.6092291	21	3 7.5	20.9
361358 2006 US_{219}	16.9	X	95.83938	290.63425	109.24245	4.62306	0.0967619	0.22074165	2.7115223	21	1 6.2	20.0
361359 2006 UZ_{223}	16.6	X	124.84538	13.12051	16.12101	6.99609	0.1262832	0.22582944	2.6706420	21	2 5.6	20.3
361360 2006 UX_{225}	16.4	X	101.59360	239.13560	204.03244	13.98021	0.0417910	0.23166275	2.6256202	21	2 24.8	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361361 2006 UA_{238}	17.0	X	122.33620	180.83083	198.94299	5.29705	0.0304270	0.22212297	2.7002692	21	1 5.3	20.8
361362 2006 UE_{247}	17.0	X	268.31379	225.70474	13.78599	3.22585	0.0850750	0.22331173	2.6906778	21	—	—
361363 2006 UX_{259}	16.8	X	27.20600	96.42024	22.31512	5.78293	0.1097802	0.22034111	2.7148074	21	1 3.4	20.0
361364 2006 UJ_{260}	17.0	X	196.22057	101.23602	206.37195	4.36956	0.0502108	0.22267281	2.6958223	21	1 5.8	21.0
361365 2006 UR_{263}	17.1	X	108.07802	60.64750	301.40094	1.58648	0.0930485	0.21773698	2.7364106	21	—	—
361366 2006 UD_{264}	17.4	X	92.12590	135.90649	272.89805	1.61868	0.1138341	0.22164430	2.7041555	21	1 14.5	20.8
361367 2006 UC_{271}	16.1	X	347.36392	252.94677	244.98345	10.28640	0.1341242	0.21340246	2.7733399	21	—	—
361368 2006 UF_{275}	17.1	X	14.21137	99.86139	353.14962	4.37879	0.0876458	0.21398682	2.7682886	21	—	—
361369 2006 UB_{276}	16.4	X	294.32375	22.79619	203.90496	13.69407	0.0490979	0.22544980	2.6736393	21	1 14.9	20.4
361370 2006 UL_{281}	17.1	X	243.50351	279.37377	49.79210	12.04099	0.1984823	0.23639794	2.5904403	21	3 21.5	21.5
361371 2006 UP_{299}	17.1	X	154.29216	198.60823	157.43525	4.17777	0.1357621	0.22903443	2.6456691	21	1 25.9	21.1
361372 2006 UL_{318}	16.7	X	277.30599	335.50517	226.89610	6.12018	0.0886117	0.21150675	2.7898867	21	—	—
361373 2006 UY_{332}	16.3	X	234.71542	310.71330	157.22568	13.01521	0.2402496	0.18445322	3.0564120	21	8 23.2	21.4
361374 2006 UY_{338}	16.5	X	284.62523	264.80120	76.95717	4.70357	0.3085374	0.23993916	2.5648893	21	4 28.7	20.3
361375 2006 VN_{3}	17.1	X	23.61724	36.68143	51.50363	2.65273	0.1091591	0.21381405	2.7697796	21	—	—
361376 2006 VU_{20}	17.0	X	347.87376	61.55970	46.38039	4.03977	0.0448929	0.20874480	2.8144418	21	—	—
361377 2006 VN_{23}	16.4	X	152.21548	307.89061	65.33522	7.19379	0.0115066	0.22256480	2.6966944	21	2 3.7	20.2
361378 2006 VY_{26}	16.7	X	22.03491	211.81742	229.73010	3.46459	0.0396268	0.21004788	2.8027897	21	—	—
361379 2006 VK_{38}	17.4	X	45.73158	168.17929	267.40475	1.02610	0.0522880	0.21472425	2.7619469	21	—	—
361380 2006 VF_{39}	16.9	X	194.68094	281.65791	45.99099	4.58116	0.1427974	0.22556537	2.6727260	21	2 3.0	21.2
361381 2006 VA_{49}	16.7	X	268.41864	222.07391	247.12721	8.36865	0.2101110	0.19099300	2.9862380	21	9 30.7	21.0
361382 2006 VS_{51}	16.1	X	229.86633	18.10937	254.57712	9.62617	0.0774429	0.21597082	2.7513087	21	1 1.1	20.3
361383 2006 VY_{53}	16.5	X	259.52434	245.07158	43.82994	18.41484	0.1297665	0.22875908	2.6477917	21	2 25.3	20.9
361384 2006 VL_{56}	16.7	X	77.77143	295.20460	100.91634	1.74911	0.0794712	0.21288297	2.7778498	21	—	—
361385 2006 VT_{60}	16.6	X	316.94830	183.97276	317.44371	0.99884	0.0248959	0.20858513	2.8158779	21	—	—
361386 2006 VO_{70}	17.0	X	357.21651	328.69642	126.94425	1.76318	0.1045714	0.20631704	2.8364774	21	—	—
361387 2006 VN_{72}	16.6	X	332.03436	74.74588	68.03736	4.59882	0.0380445	0.21100999	2.7942636	21	—	—
361388 2006 VD_{85}	16.4	X	98.31106	324.70246	85.77975	9.60146	0.1872646	0.21972588	2.7198727	21	2 8.8	19.9
361389 2006 VX_{91}	16.5	X	15.05297	102.14773	27.01958	9.37445	0.1123258	0.21678431	2.7444215	21	—	—
361390 2006 VY_{103}	16.8	X	244.04511	74.43872	227.11436	11.01274	0.0761546	0.23261486	2.6184508	21	2 13.7	20.9
361391 2006 VL_{105}	16.8	X	63.85171	4.91834	31.60235	2.37672	0.0354756	0.21087346	2.7954696	21	—	—
361392 2006 VF_{119}	16.3	X	221.40362	87.65732	239.69615	13.03847	0.1176002	0.23096102	2.6309358	21	2 19.2	20.7
361393 2006 VQ_{121}	16.8	X	244.89088	283.06524	329.83662	4.35321	0.0657130	0.21943558	2.7222710	21	—	—
361394 2006 VX_{126}	16.2	X	156.86895	111.34410	255.31611	8.17284	0.1063823	0.22391461	2.6858459	21	2 5.9	20.2
361395 2006 VM_{140}	16.2	X	5.75398	353.20778	74.07958	13.49140	0.0729054	0.20332545	2.8642322	21	—	—
361396 2006 VC_{142}	16.7	X	39.56250	188.20900	243.41277	2.44629	0.0767615	0.21272581	2.7792179	21	—	—
361397 2006 WL_{21}	16.5	X	216.90053	270.66013	109.31068	4.71040	0.1937625	0.23703913	2.5857668	21	4 25.9	20.9
361398 2006 WM_{27}	16.9	X	157.13130	325.26118	95.72222	23.66907	0.1181674	0.36647885	1.9339123	21	4 20.4	19.9
361399 2006 WO_{31}	16.9	X	305.43142	330.30065	118.79888	3.19537	0.1433649	0.19662486	2.9289397	21	11 14.6	20.2
361400 2006 WZ_{31}	16.8	X	136.98210	253.26601	116.94973	4.12430	0.1242780	0.22081302	2.7109381	21	1 25.3	20.7
361401 2006 WL_{37}	17.0	X	289.52538	39.64650	156.91411	4.53066	0.0387047	0.21428777	2.7656961	21	—	—
361402 2006 WQ_{37}	16.7	X	242.13726	77.49258	175.75631	4.95827	0.0827656	0.21695724	2.7429630	21	—	—
361403 2006 WK_{38}	16.6	X	159.74567	134.00299	196.89291	6.96621	0.0605219	0.21678012	2.7444569	21	—	—
361404 2006 WJ_{66}	16.3	X	316.15489	253.81023	197.44268	4.66781	0.0639585	0.19816333	2.9137605	21	12 9.3	20.1
361405 2006 WC_{69}	16.4	X	204.11646	251.63271	81.72678	14.38033	0.1396397	0.22401055	2.6850790	21	2 22.4	20.9
361406 2006 WZ_{75}	16.5	X	237.19324	246.90487	67.62260	5.80668	0.1048795	0.22865236	2.6486155	21	2 28.8	20.5
361407 2006 WL_{86}	15.7	X	263.50957	75.75255	252.31456	12.38418	0.1910427	0.23691981	2.5866349	21	3 28.0	19.9
361408 2006 WC_{94}	16.3	X	280.95689	136.15909	93.85761	5.25834	0.0295758	0.21894587	2.7263287	21	1 9.9	20.0
361409 2006 WK_{99}	17.0	X	188.25923	59.62711	237.71855	2.43526	0.0694001	0.21475931	2.7616462	21	—	—
361410 2006 WN_{104}	16.9	X	271.62779	331.08002	226.49205	3.72649	0.0490846	0.20900172	2.8121348	21	—	—
361411 2006 WO_{106}	16.7	X	294.92100	298.84006	217.17563	1.29565	0.0323569	0.20606363	2.8388024	21	—	—
361412 2006 WY_{123}	16.6	X	319.16742	129.30712	32.23887	7.34583	0.0676115	0.21243876	2.7817208	21	—	—
361413 2006 WQ_{130}	17.9	X	192.11620	237.62200	182.42359	16.01772	0.1322298	0.37221069	1.9140069	21	5 18.8	20.6
361414 2006 WD_{141}	17.5	X	212.31298	269.72638	56.63892	2.78621	0.1848372	0.22876874	2.6477172	21	2 16.6	21.8
361415 2006 WN_{152}	17.3	X	2.94150	177.43335	150.10435	6.62848	0.1590252	0.25532027	2.4608163	21	9 24.7	19.5
361416 2006 WE_{161}	16.5	X	308.23155	104.31651	74.79339	9.83542	0.1083970	0.21320852	2.7750214	21	—	—
361417 2006 WQ_{163}	16.7	X	249.43421	219.31048	69.39126	14.54780	0.1620721	0.22730221	2.6590935	21	2 7.9	21.2
361418 2006 WB_{165}	17.1	X	335.28687	199.51964	253.83040	1.03275	0.0517957	0.20297768	2.8675029	21	—	—
361419 2006 WR_{175}	15.7	X	189.37971	309.10385	45.08634	15.90261	0.1742315	0.22769024	2.6560716	21	3 9.5	20.3
361420 2006 WE_{181}	16.6	X	291.77622	284.03261	234.81149	5.70602	0.0111620	0.20601648	2.8392354	21	—	—
361421 2006 WL_{183}	15.9	X	85.27085	336.91504	28.91130	7.93125	0.0453637	0.20804567	2.8207435	21	—	—
361422 2006 XS_{3}	17.2	X	220.97493	247.66304	94.36840	26.47647	0.1126917	0.36400790	1.9426542	21	3 9.9	20.5
361423 2006 XC_{7}	16.6	X	287.18772	167.10743	298.53446	2.53140	0.2079948	0.19269480	2.9686299	21	10 25.5	20.1
361424 2006 XJ_{8}	15.6	X	222.14765	36.81187	85.76369	17.93697	0.1801634	0.18106701	3.0944003	21	9 12.5	20.8
361425 2006 XU_{18}	17.7	X	85.69435	85.46467	35.82197	21.90120	0.0817085	0.36145438	1.9517928	21	3 26.9	19.7
361426 2006 XZ_{27}	17.1	X	272.57082	108.76479	120.85210	1.55172	0.0129856	0.21550546	2.7552681	21	1 1.8	20.9
361427 2006 XK_{28}	16.1	X	175.64110	244.98900	84.32179	12.99081	0.0669750	0.21693261	2.7431706	21	1 12.9	20.2
361428 2006 XD_{56}	16.1	X	222.67969	58.97489	110.48575	11.11687	0.1311431	0.18584129	3.0411738	21	11 8.9	20.9
361429 2006 YQ_{2}	15.8	X	304.02628	258.48442	356.55030	36.88507	0.0819841	0.23680275	2.5874873	21	3 9.0	19.4
361430 2006 YU_{16}	17.4	X	245.69730	268.02852	113.31578	24.11623	0.0999735	0.37134754	1.9169716	21	6 1.9	20.1
361431 2006 YP_{18}	15.7	X	258.37902	273.15956	76.49842	12.45506	0.3205433	0.23730347	2.5838462	21	4 18.6	20.3
361432 2006 YE_{25}	15.6	X	290.75688	321.84596	89.18493	11.99092	0.0942856	0.18181123	3.0859502	21	9 12.4	19.9
361433 2006 YO_{53}	16.2	X	142.50690	300.50318	304.00292	8.69559	0.0793562	0.18480444	3.0525383	21	11 13.7	21.0
361434 2007 AS_{8}	16.1	X	325.96294	104.10453	274.28874	3.63360	0.2230418	0.18295018	3.0731292	21	9 3.3	19.2
361435 2007 AY_{8}	16.1	X	229.08614	73.10194	93.21890	9.78809	0.1439342	0.19111564	2.9849603	21	11 10.0	20.7
361436 2007 AT_{17}	15.4	X	267.51879	286.84299	132.37549	24.67450	0.3510768	0.18076313	3.0978674	21	7 14.1	20.5
361437 2007 AQ_{20}	16.2	X	126.82456	230.48226	343.13730	8.77537	0.0919289	0.17478044	3.1681629	21	9 22.2	21.1
361438 2007 AJ_{21}	16.0	X	266.02850	311.39590	135.92510	5.54830	0.0986362	0.17784488	3.1316639	21	9 20.2	20.4
361439 2007 BP_{2}	16.6	X	282.13310	130.82449	321.74995	4.16168	0.2103215	0.18615211	3.0377876	21	9 29.0	20.6
361440 2007 BN_{13}	16.8	X	250.04422	65.10284	95.32799	4.68641	0.0438499	0.18958960	3.0009566	21	12 7.4	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361441 2007 BA_{14}	16.8	X	231.80483	95.59335	53.09440	1.60512	0.1203623	0.18432923	3.0577824	21	10 21.9	21.4
361442 2007 BX_{15}	17.1	X	235.09769	50.72296	55.20947	2.13856	0.1194500	0.17725002	3.1386666	21	9 3.5	21.7
361443 2007 BL_{24}	16.8	X	210.64113	242.99571	256.51990	0.12909	0.1323883	0.17926908	3.1150556	21	9 16.9	21.6
361444 2007 BG_{30}	15.7	X	289.22577	117.72559	323.76468	9.66897	0.0441638	0.18235290	3.0798361	21	10 14.8	20.0
361445 2007 BA_{40}	16.4	X	165.09555	283.44736	302.98141	4.56246	0.0788943	0.18586880	3.0408737	21	11 16.5	21.1
361446 2007 BC_{48}	16.0	X	184.65129	214.62665	349.22823	9.31803	0.0917763	0.18173218	3.0868450	21	11 6.4	20.9
361447 2007 BD_{66}	16.2	X	266.61378	311.43184	150.20828	10.27617	0.0879577	0.18022128	3.1040736	21	10 12.1	20.6
361448 2007 BB_{71}	16.4	X	281.81751	321.73926	156.41605	10.20957	0.0667130	0.18619380	3.0373341	21	11 24.6	20.6
361449 2007 BD_{71}	16.4	X	159.14339	229.39162	294.37576	4.31499	0.1119405	0.16953334	3.2332005	21	8 26.3	21.4
361450 Houellebecq	16.1	X	21.20664	18.46011	332.11477	8.73148	0.0382834	0.18263961	3.0766120	21	10 25.8	20.4
361451 2007 BD_{79}	16.8	X	247.81536	22.34226	102.74517	3.12231	0.1205441	0.18204016	3.0833625	21	10 12.1	21.3
361452 2007 BF_{102}	15.6	X	202.21813	239.86176	247.74782	13.29850	0.1782192	0.17294423	3.1905483	21	8 16.9	21.1
361453 2007 CE_{5}	16.2	X	242.84799	125.29338	329.18146	10.09309	0.2139859	0.17476647	3.1683316	21	8 17.6	21.1
361454 2007 CF_{5}	16.1	X	172.71430	253.49086	335.85730	5.30274	0.1587319	0.18198264	3.0840121	21	11 24.4	21.2
361455 2007 CQ_{18}	16.4	X	137.75836	225.15190	345.39371	9.48684	0.0291701	0.17528675	3.1620591	21	9 25.9	21.0
361456 2007 CN_{19}	15.9	X	346.27764	14.98982	98.78215	16.39865	0.0917559	0.20545898	2.8443692	21	—	—
361457 2007 CG_{27}	16.5	X	288.92039	271.62317	166.22372	7.58949	0.2734803	0.18525922	3.0475406	21	9 11.5	20.4
361458 2007 CY_{27}	16.8	X	201.79548	5.13786	139.36689	1.52397	0.1273533	0.17615361	3.1516769	21	9 14.9	21.6
361459 2007 CO_{33}	16.2	X	208.05601	255.94603	316.90477	9.29263	0.0584057	0.18970004	2.9997917	21	12 19.3	20.7
361460 2007 CP_{33}	16.6	X	244.52526	353.30592	150.76949	1.34717	0.1586062	0.18515354	3.0487000	21	10 25.9	20.9
361461 2007 CK_{44}	15.5	X	208.14653	4.83011	127.64306	14.78618	0.1080322	0.17611762	3.1521062	21	9 11.1	20.5
361462 2007 CQ_{47}	15.4	X	194.30070	20.57061	162.77728	18.47439	0.1555019	0.17848427	3.1241803	21	10 26.1	20.6
361463 2007 CC_{60}	16.0	X	180.72987	245.27339	313.63073	12.67228	0.1994366	0.17806333	3.1291020	21	10 20.9	21.6
361464 2007 CC_{63}	16.1	X	195.53075	123.55832	20.91518	1.81533	0.1127901	0.17423222	3.1748051	21	9 9.6	21.1
361465 2007 CZ_{71}	16.4	X	211.74027	148.21978	21.04674	2.41652	0.0572891	0.18267325	3.0762343	21	10 30.7	20.9
361466 2007 DV_{14}	16.3	X	91.11499	146.41248	124.02557	10.33749	0.0647297	0.17694313	3.1422947	21	10 25.4	21.0
361467 2007 DJ_{26}	16.6	X	214.49707	346.46080	138.28018	6.08584	0.0760452	0.17195966	3.2027153	21	9 8.4	21.3
361468 2007 DO_{28}	16.3	X	277.54902	281.28114	150.75650	9.73517	0.0546187	0.17372165	3.1810226	21	9 21.9	20.7
361469 2007 DD_{29}	16.4	X	122.53929	143.47423	93.74757	2.34097	0.1412586	0.17195374	3.2027887	21	10 21.6	21.5
361470 2007 DF_{31}	15.3	X	133.76823	225.00675	342.34827	10.44766	0.0819224	0.17079945	3.2172025	21	9 20.6	20.3
361471 2007 DK_{39}	15.6	X	321.50292	281.40138	160.34397	10.70415	0.0164104	0.18063886	3.0992879	21	12 4.1	20.0
361472 2007 DM_{43}	15.4	X	164.61600	238.03178	324.00053	13.08474	0.1139768	0.17592887	3.1543604	21	10 11.7	20.7
361473 2007 DD_{44}	16.4	X	82.91098	60.62003	182.27216	8.48520	0.0144291	0.16865709	3.2443894	21	8 28.9	21.0
361474 2007 DZ_{48}	15.4	X	129.85880	232.11063	343.04435	22.54158	0.0772542	0.17079324	3.2172805	21	9 21.7	20.4
361475 2007 DW_{49}	15.4	X	142.75178	43.90946	167.99659	23.54849	0.0815913	0.17393379	3.1784356	21	10 10.3	20.4
361476 2007 DR_{52}	16.0	X	260.35711	331.97525	179.91714	10.66169	0.0546516	0.18461214	3.0546576	21	12 8.1	20.4
361477 2007 DB_{55}	15.8	X	245.31797	287.92817	160.30743	14.35814	0.1563771	0.17316274	3.1878638	21	8 17.2	20.6
361478 2007 DF_{70}	16.4	X	95.17291	96.60366	163.06200	11.06793	0.0426367	0.17263341	3.1943769	21	10 11.7	21.1
361479 2007 DO_{79}	15.7	X	262.31671	268.65689	169.73397	23.54362	0.3758794	0.17971068	3.1099504	21	7 27.7	21.1
361480 2007 DY_{82}	15.8	X	162.79495	101.34865	119.45956	26.17110	0.2799640	0.17457813	3.1706100	21	11 15.5	21.9
361481 2007 DW_{85}	16.2	X	231.57890	342.62779	154.74300	5.49772	0.1089452	0.17959102	3.1113316	21	10 10.1	20.8
361482 2007 DP_{86}	16.1	X	181.11850	67.94659	145.32513	2.58883	0.1415391	0.18209010	3.0827987	21	11 15.9	21.0
361483 2007 DG_{87}	16.1	X	224.52868	123.49354	349.11290	11.44665	0.0691306	0.17245704	3.1965544	21	9 5.0	20.7
361484 2007 DR_{92}	15.9	X	133.37831	270.88764	347.25421	9.67905	0.2254609	0.17705083	3.1410203	21	11 24.4	21.4
361485 2007 DH_{98}	16.0	X	221.14935	152.01844	335.48926	16.79233	0.1366868	0.17675295	3.1445482	21	9 9.7	21.0
361486 2007 DO_{99}	15.5	X	299.67092	62.10068	346.44842	13.99976	0.1137263	0.17603026	3.1531490	21	9 12.1	19.7
361487 2007 DG_{103}	16.3	X	243.73991	83.66635	345.04840	5.15171	0.1432731	0.16946713	3.2340425	21	7 25.9	21.1
361488 2007 DH_{110}	15.8	X	248.42369	284.48250	172.25569	16.41790	0.1651786	0.17442875	3.1724199	21	8 29.8	20.6
361489 2007 DK_{112}	15.9	X	142.55499	266.08403	9.84474	10.93478	0.1220782	0.18083494	3.0970472	21	12 22.6	21.0
361490 2007 DT_{116}	16.2	X	256.09251	270.99729	223.67865	3.52595	0.1518389	0.18405685	3.0607984	21	10 27.8	20.5
361491 2007 DP_{117}	15.9	X	322.06692	54.13564	354.27277	8.66164	0.0682410	0.17533909	3.1614299	21	10 17.3	20.1
361492 2007 EA_{12}	15.4	X	181.29603	176.57984	356.83960	17.57421	0.0843643	0.17478523	3.1681050	21	9 28.6	20.3
361493 2007 ET_{12}	15.2	X	281.26070	269.05437	164.81860	26.18344	0.1848385	0.17729678	3.1381148	21	9 8.6	19.4
361494 2007 EU_{18}	15.9	X	329.88938	202.74129	178.03133	9.81204	0.1084955	0.17503113	3.1651371	21	9 24.3	19.6
361495 2007 EN_{28}	15.8	X	191.29985	0.32286	172.57160	12.06432	0.1412645	0.17622945	3.1507726	21	10 9.4	20.9
361496 2007 EH_{31}	16.6	X	209.32138	60.87172	104.53180	3.13030	0.1397751	0.18024657	3.1037832	21	10 17.7	21.4
361497 2007 EM_{31}	16.1	X	280.78596	313.86238	144.28775	13.89590	0.1192329	0.18300351	3.0725322	21	10 24.2	20.4
361498 2007 EZ_{37}	15.7	X	232.10812	314.16418	184.22448	15.14976	0.0882951	0.17594275	3.1541945	21	10 13.6	20.3
361499 2007 EH_{60}	15.3	X	150.68631	274.92284	328.64759	15.32937	0.1745471	0.18123749	3.0924595	21	11 19.1	20.8
361500 2007 ER_{75}	15.6	X	131.89674	68.70344	187.64531	19.29474	0.1946357	0.17242742	3.1969204	21	11 23.9	21.2
361501 2007 EF_{78}	16.0	X	65.68536	115.30553	176.03580	11.18929	0.0574974	0.16983773	3.2293363	21	10 16.0	20.5
361502 2007 ES_{91}	16.5	X	230.38442	18.25565	92.42141	2.53472	0.1298692	0.17474522	3.1685885	21	9 3.1	21.2
361503 2007 EO_{104}	15.9	X	175.53483	183.22974	358.83745	15.81726	0.0287053	0.17298411	3.1900580	21	10 3.9	20.5
361504 2007 EK_{110}	15.7	X	195.05927	21.07546	172.46914	11.39817	0.0758766	0.17554731	3.1589295	21	11 10.9	20.6
361505 2007 EO_{114}	15.9	X	177.00495	354.14029	201.11658	10.24036	0.1992048	0.17435884	3.1732678	21	10 19.7	21.3
361506 2007 EK_{126}	15.8	X	205.00419	183.49715	331.94734	14.49264	0.0121939	0.17711608	3.1402488	21	10 3.7	20.4
361507 2007 EB_{136}	15.7	X	82.89882	148.65852	178.48917	16.90131	0.1159916	0.18080015	3.0974444	21	12 24.4	20.7
361508 2007 EX_{136}	15.5	X	179.36307	107.95899	51.94007	27.33820	0.1971511	0.16927848	3.2364448	21	9 26.3	21.4
361509 2007 EP_{145}	15.7	X	139.71966	117.49563	160.29755	10.86295	0.0805696	0.18241332	3.0791560	21	12 22.2	20.6
361510 2007 ET_{157}	16.4	X	207.20257	58.35615	142.10151	10.48776	0.1709130	0.18449192	3.0559846	21	11 24.8	21.4
361511 2007 EZ_{181}	15.6	X	121.08677	96.43076	205.67759	24.18488	0.2748047	0.17365230	3.1818694	21	—	—
361512 2007 EE_{200}	15.6	X	202.57251	8.82086	176.86446	17.97331	0.1599004	0.17599843	3.1535291	21	11 3.6	20.8
361513 2007 ER_{202}	15.7	X	223.74384	108.96075	37.00179	18.72280	0.2015929	0.17797718	3.1301117	21	10 7.2	20.8
361514 2007 EA_{212}	15.3	X	214.44084	180.29146	2.65000	11.92031	0.0467478	0.18205919	3.0831475	21	11 16.9	19.9
361515 2007 EJ_{216}	15.7	X	177.22401	349.03147	225.73984	9.77235	0.1633303	0.17854726	3.1234455	21	11 12.4	20.6
361516 2007 EO_{220}	16.1	X	92.09577	74.53941	202.42325	11.31248	0.0759768	0.16941352	3.2347248	21	10 31.0	20.9
361517 2007 EZ_{220}	15.6	X	103.03953	123.06493	191.69325	12.49212	0.0981764	0.17875744	3.1209967	21	12 27.8	20.6
361518 2007 FD	17.0	X	22.75266	183.53084	222.48792	6.94889	0.6017315	0.33329163	2.0602493	21	—	—
361519 2007 FO_{1}	15.1	X	184.50403	151.26744	54.62480	24.26806	0.1716104	0.17685880	3.1432934	21	11 9.9	20.3
361520 2007 FE_{12}	15.2	X	134.88781	97.42612	160.81470	21.41707	0.1976624	0.17300803	3.1897639	21	11 30.4	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361521 2007 FG_{20}	15.7	X	160.12422	125.26913	118.41545	11.22002	0.1914230	0.17793375	3.1306210	21	12 2.6	21.1
361522 2007 FR_{24}	16.1	X	191.94261	167.83629	349.72518	11.02505	0.0887594	0.17343267	3.1845552	21	9 21.2	21.1
361523 2007 FN_{34}	16.0	X	149.22153	240.20088	26.97172	17.05011	0.1856734	0.17876007	3.1209660	21	12 16.5	21.5
361524 Klimka	15.4	X	271.00356	325.01197	131.23870	11.43515	0.0381680	0.17608086	3.1525449	21	10 19.1	19.9
361525 2007 FO_{42}	15.8	X	247.57006	64.62271	31.54948	26.29045	0.2278920	0.17583852	3.1554407	21	9 6.8	21.1
361526 2007 FG_{46}	16.5	X	175.31441	51.60920	167.91545	0.99680	0.1242710	0.17523283	3.1627078	21	11 17.2	21.5
361527 2007 GL_{30}	15.5	X	205.64905	317.64061	207.09079	26.44288	0.1486500	0.17219136	3.1998416	21	10 9.5	20.7
361528 2007 GK_{35}	15.7	X	46.33915	276.16535	48.59711	9.31553	0.0606091	0.16876451	3.2430126	21	10 31.9	20.2
361529 2007 GT_{51}	15.5	X	327.17299	222.83364	195.89707	22.21639	0.0725191	0.17263652	3.1943385	21	11 10.2	19.8
361530 Victorfranzhess	16.3	X	224.76056	99.67457	66.73380	12.73425	0.2216521	0.18054335	3.1003809	21	10 28.5	21.3
361531 2007 HQ_{16}	16.2	X	223.89325	306.92616	174.76675	10.29177	0.1758189	0.17379844	3.1800856	21	9 3.6	21.2
361532 2007 HF_{44}	19.0	X	125.95550	314.15093	116.37020	2.99273	0.3150888	0.48691085	1.6001834	21	3 24.6	19.5
361533 2007 HM_{68}	15.2	X	333.60207	235.30495	188.08091	10.69104	0.0652579	0.17690637	3.1427299	21	11 25.9	19.4
361534 2007 HD_{88}	15.6	X	140.64634	213.39412	30.75082	16.40047	0.1062072	0.17209077	3.2010884	21	11 10.3	20.7
361535 2007 HY_{94}	15.7	X	199.47901	141.22199	45.14143	17.78305	0.1186129	0.17492936	3.1663646	21	11 2.4	20.5
361536 2007 JE_{7}	15.5	X	15.24673	241.72525	50.63540	10.81353	0.0446251	0.15334428	3.4569333	21	8 11.5	20.3
361537 2007 JH_{16}	18.1	X	59.09181	200.43027	115.11501	29.17550	0.1204052	0.51367835	1.5440992	21	—	—
361538 2007 JZ_{20}	18.6	X	87.65418	139.01592	200.48818	40.47982	0.3352217	0.65647939	1.3111589	21	—	—
361539 2007 KN_{3}	17.8	X	54.64339	229.67524	107.81656	6.00893	0.3267856	0.30719750	2.1753256	21	—	—
361540 2007 PP_{7}	15.8	X	348.61480	137.17752	242.88786	12.25206	0.2065002	0.21579857	2.7527726	21	11 5.0	18.4
361541 2007 PF_{9}	16.9	X	264.54212	195.48142	160.44895	7.35476	0.1327478	0.27008178	2.3703139	21	5 15.9	20.3
361542 2007 PL_{24}	17.4	X	53.49053	131.25013	209.40844	4.43600	0.1837974	0.29565263	2.2315925	21	—	—
361543 2007 PQ_{24}	17.7	X	4.89670	167.32620	180.05445	5.52763	0.1773306	0.28684384	2.2770489	21	11 7.6	19.6
361544 2007 PA_{27}	17.9	X	143.64285	15.50796	283.28122	1.18622	0.1529319	0.30633518	2.1794060	21	—	—
361545 2007 PS_{27}	17.5	X	54.84786	333.71201	4.20460	7.02857	0.2230430	0.29694146	2.2251305	21	—	—
361546 2007 PP_{35}	17.7	X	57.67017	5.53762	313.76123	2.07733	0.2061058	0.29349475	2.2425174	21	12 18.5	20.8
361547 2007 PM_{37}	17.0	X	335.33592	175.05399	188.32420	6.80043	0.1288799	0.28437359	2.2902165	21	9 24.1	18.7
361548 2007 PS_{42}	17.8	X	70.97152	179.58025	147.47457	6.57929	0.2771188	0.29707740	2.2244516	21	—	—
361549 2007 PL_{50}	17.5	X	53.92049	309.20125	347.28322	6.62416	0.1234480	0.28976319	2.2617291	21	10 29.9	20.3
361550 2007 QF_{6}	17.2	X	340.46392	178.88545	189.35540	2.43329	0.1785401	0.28546774	2.2843607	21	10 16.4	18.6
361551 2007 QN_{7}	17.6	X	98.31788	176.60672	150.89846	3.45510	0.1784136	0.30240816	2.1982330	21	—	—
361552 2007 QJ_{8}	17.2	X	269.48733	357.40391	18.99926	4.57417	0.2067407	0.27082414	2.3659803	21	6 6.4	20.4
361553 2007 QM_{10}	17.6	X	347.72351	31.82286	322.26542	2.75649	0.1442017	0.28380825	2.2932569	21	10 5.1	19.3
361554 2007 QT_{13}	17.4	X	325.86606	326.17200	24.25874	5.18203	0.1224903	0.27869623	2.3212147	21	8 16.7	19.5
361555 2007 QP_{16}	17.3	X	334.95964	25.41549	335.31059	7.84812	0.1546520	0.28373119	2.2936721	21	9 16.6	19.0
361556 2007 RJ	17.8	X	48.08854	103.53951	203.45444	4.99412	0.1621271	0.28960207	2.2625678	21	11 15.1	20.4
361557 2007 RS_{2}	16.7	X	323.80241	39.41996	313.32942	7.71657	0.1458615	0.27811783	2.3244319	21	8 10.4	18.7
361558 2007 RM_{4}	17.5	X	65.76525	85.67563	238.27279	2.26964	0.1827064	0.29571626	2.2312723	21	12 30.5	20.7
361559 2007 RD_{10}	17.1	X	4.56132	175.63032	192.96149	9.59436	0.2131016	0.28843768	2.2686529	21	12 14.7	19.4
361560 2007 RX_{14}	17.7	X	63.83668	120.04936	196.52444	5.58771	0.2246807	0.29410712	2.2394035	21	12 23.2	21.0
361561 2007 RH_{37}	17.2	X	262.71444	208.56608	170.52870	2.62410	0.2409941	0.26878464	2.3779337	21	5 30.5	20.7
361562 2007 RN_{41}	17.4	X	99.51743	287.67561	22.95768	6.07047	0.2245405	0.30035341	2.2082471	21	—	—
361563 2007 RZ_{50}	17.2	X	99.33078	264.84071	250.84359	5.44074	0.0535241	0.26377113	2.4079707	21	6 3.5	20.2
361564 2007 RP_{53}	17.7	X	148.88647	31.11540	229.51755	5.49214	0.1579588	0.29824220	2.2186561	21	12 27.9	21.1
361565 2007 RB_{55}	16.9	X	39.25311	285.39100	188.55914	28.32517	0.3616566	0.23586355	2.5943516	21	1 3.7	19.2
361566 2007 RH_{84}	17.7	X	110.29667	187.18618	135.96584	4.30089	0.1804664	0.30222858	2.1991036	21	—	—
361567 2007 RF_{92}	17.7	X	11.79759	150.97838	180.91983	6.72760	0.1431022	0.28350743	2.2948788	21	10 21.6	19.8
361568 2007 RL_{93}	17.3	X	71.06290	252.53337	44.53450	5.56359	0.1590553	0.28985333	2.2612601	21	11 27.5	20.4
361569 2007 RJ_{97}	17.5	X	47.04883	290.51299	159.44535	6.64410	0.3161188	0.23328574	2.6134283	21	—	—
361570 2007 RM_{98}	17.2	X	53.96868	286.27529	37.91410	6.12753	0.2079960	0.29076163	2.2565484	21	12 20.3	20.4
361571 2007 RP_{98}	17.3	X	174.60517	22.38826	42.78466	7.59686	0.1145709	0.25788831	2.4444526	21	5 9.6	20.8
361572 2007 RG_{128}	18.0	X	121.14486	75.19352	41.49391	1.88570	0.1476123	0.25644175	2.4536365	21	5 22.5	21.4
361573 2007 RB_{137}	17.6	X	220.52354	23.64474	38.05204	1.82549	0.1634422	0.26822968	2.3812125	21	6 20.0	21.2
361574 2007 RO_{142}	17.1	X	299.55620	346.64637	21.38273	11.62531	0.2909480	0.27234215	2.3571803	21	6 21.4	20.0
361575 2007 RO_{143}	17.2	X	79.16066	139.97190	191.16211	5.98627	0.2111791	0.29857003	2.2170317	21	—	—
361576 2007 RQ_{148}	17.1	X	247.10331	339.01344	63.07749	5.41355	0.1578006	0.27005864	2.3704492	21	6 22.5	20.5
361577 2007 RF_{166}	17.7	X	146.40613	47.17945	12.34394	2.35915	0.2317011	0.25255301	2.4787593	21	4 12.9	21.7
361578 2007 RS_{174}	17.2	X	350.48826	161.29227	155.28958	7.37494	0.1404542	0.27605796	2.3359804	21	8 8.7	19.1
361579 2007 RY_{174}	17.2	X	214.00729	346.31423	44.82887	5.91191	0.1890892	0.26025068	2.4296374	21	5 4.2	21.2
361580 2007 RW_{184}	17.1	X	284.19214	165.04602	203.37073	5.89266	0.1240899	0.27239566	2.3568716	21	6 27.8	20.0
361581 2007 RE_{208}	17.4	X	253.86730	248.22173	141.77561	2.88040	0.2123541	0.26860511	2.3789932	21	6 7.9	20.9
361582 2007 RS_{208}	17.5	X	150.38522	359.61591	69.79843	2.62257	0.1589939	0.25453591	2.4658690	21	4 24.2	21.2
361583 2007 RF_{228}	17.0	X	124.54776	201.60847	214.28199	11.31909	0.1552787	0.24137645	2.5546973	21	3 6.2	20.8
361584 2007 RA_{233}	16.7	X	7.83668	308.76635	46.44931	7.88405	0.1490120	0.28661551	2.2782581	21	11 18.2	18.8
361585 2007 RT_{238}	17.3	X	28.49893	276.07225	57.73314	6.01003	0.1440255	0.28967204	2.2622035	21	11 21.3	19.8
361586 2007 RB_{240}	17.5	X	59.75991	271.96357	54.43043	8.00882	0.2604099	0.29402566	2.2398171	21	—	—
361587 2007 RS_{240}	17.2	X	8.79692	121.95573	227.37010	5.89909	0.1415469	0.28736165	2.2743127	21	11 10.8	19.4
361588 2007 RU_{242}	17.8	X	6.74957	277.46380	60.19833	3.01040	0.2601197	0.28517074	2.2859466	21	11 9.0	19.5
361589 2007 RB_{244}	17.0	X	304.42227	318.28272	30.50495	6.45061	0.1398429	0.27240942	2.3567922	21	6 28.8	19.6
361590 2007 RJ_{245}	17.3	X	49.97983	124.91236	159.25711	7.19355	0.1691699	0.28269466	2.2992753	21	10 18.7	20.0
361591 2007 RX_{247}	17.3	X	303.29173	144.63785	216.77927	5.81432	0.1337411	0.27432716	2.3457957	21	7 15.6	19.8
361592 2007 RO_{260}	18.0	X	30.59418	101.52779	211.90610	4.56855	0.1887131	0.28000408	2.3139811	21	11 1.3	20.5
361593 2007 RE_{277}	17.2	X	30.52265	276.58796	63.85021	8.63049	0.1717856	0.29072754	2.2567248	21	12 7.9	19.7
361594 2007 RM_{288}	17.5	X	71.28123	259.55834	181.70006	11.07675	0.2420546	0.23791296	2.5794314	21	2 4.6	20.1
361595 2007 RR_{289}	17.7	X	52.28602	84.56781	213.40556	4.64815	0.1593411	0.28161217	2.3051637	21	11 6.0	20.4
361596 2007 RY_{290}	17.4	X	118.04530	221.82021	205.45468	0.83422	0.1099692	0.24211003	2.5495343	21	3 9.9	20.7
361597 2007 RH_{293}	17.2	X	151.40646	228.92698	18.98583	7.10062	0.1717147	0.29612678	2.2292097	21	12 13.2	20.7
361598 2007 RH_{295}	17.8	X	65.36171	80.42096	198.67788	8.05721	0.1096159	0.28249794	2.3003426	21	10 21.1	20.7
361599 2007 RQ_{311}	17.0	X	287.50211	116.10495	248.11526	5.96097	0.1367536	0.27234936	2.3571387	21	6 24.7	19.9
361600 2007 RU_{316}	17.6	X	62.48096	342.53141	322.34655	6.55551	0.1275090	0.28923907	2.2644605	21	11 22.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361601 2007 RY_{323}	17.6	X	163.77105	32.91537	47.63379	1.84145	0.1572346	0.25722399	2.4486595	21	5 20.9	21.3
361602 2007 RX_{324}	17.4	X	286.16324	170.72575	217.10043	4.67588	0.0966248	0.27598167	2.3364109	21	8 2.3	20.2
361603 2007 RJ_{325}	16.9	X	52.03644	282.11687	216.52212	3.63875	0.1821964	0.23869391	2.5738021	21	3 14.6	19.4
361604 2007 SK_{4}	15.9	X	162.47552	339.36151	28.98725	34.23632	0.2426857	0.24274608	2.5450788	21	3 17.8	20.8
361605 2007 SU_{17}	18.1	X	63.13437	97.34908	185.02944	2.12794	0.1888723	0.28798724	2.2710179	21	11 3.8	20.9
361606 2007 SS_{23}	17.0	X	331.31758	304.82857	19.89717	13.67489	0.2240063	0.27168481	2.3609809	21	6 30.9	19.2
361607 2007 SY_{23}	16.4	X	50.25868	255.97989	202.65717	28.53377	0.3160326	0.23166094	2.6256339	21	1 15.9	19.1
361608 2007 TK_{3}	17.2	X	190.09838	345.99820	47.60393	5.57746	0.1105902	0.25644383	2.4536232	21	4 16.2	20.7
361609 2007 TS_{7}	16.2	X	133.32637	349.78492	43.00577	12.90271	0.1846153	0.24089391	2.5581077	21	3 1.2	20.1
361610 2007 TH_{18}	17.4	X	202.85679	9.77018	40.74409	2.77244	0.1977913	0.26040552	2.4286742	21	5 18.5	21.3
361611 2007 TY_{18}	18.2	X	167.00752	301.83100	6.07529	8.05748	0.4082360	0.31149642	2.1552650	21	—	—
361612 2007 TO_{30}	17.5	X	226.92755	355.39285	52.65339	2.11149	0.1839323	0.26335717	2.4104934	21	6 6.9	21.1
361613 2007 TZ_{44}	16.9	X	209.06756	31.88912	43.68004	5.38954	0.1146039	0.26563931	2.3966677	21	6 29.8	20.4
361614 2007 TO_{47}	17.6	X	63.44923	329.18977	314.72684	2.63868	0.2125214	0.28460520	2.2889739	21	11 7.2	20.7
361615 2007 TT_{55}	16.9	X	161.48577	118.60400	22.90755	6.73158	0.0746645	0.26736443	2.3863472	21	8 8.1	20.3
361616 2007 TS_{64}	17.4	X	317.69952	194.13269	154.42980	1.73827	0.2005361	0.27238326	2.3569431	21	7 12.6	19.5
361617 2007 TD_{75}	16.6	X	323.04629	16.39285	328.88722	8.88759	0.2363154	0.27417775	2.3466478	21	7 15.3	18.4
361618 2007 TG_{76}	17.4	X	340.10573	330.46454	13.90751	4.93196	0.1754597	0.28104235	2.3082785	21	9 4.4	18.9
361619 2007 TJ_{80}	17.1	X	95.51630	272.27011	175.24105	5.58373	0.2523042	0.24275265	2.5450329	21	3 29.8	20.1
361620 2007 TK_{82}	17.7	X	210.35993	280.39375	133.36553	3.89507	0.1204886	0.26640379	2.3920804	21	6 2.0	21.3
361621 2007 TZ_{86}	17.1	X	1.47714	144.72368	187.98588	6.61205	0.1384742	0.27785264	2.3259107	21	9 29.4	19.1
361622 2007 TB_{92}	16.8	X	223.50831	306.54321	107.68708	5.77838	0.2286233	0.26364072	2.4087647	21	6 9.7	20.7
361623 2007 TD_{114}	17.3	X	299.89436	343.57938	3.32736	6.49010	0.1564342	0.26943147	2.3741264	21	6 14.6	20.2
361624 2007 TN_{114}	17.3	X	211.92085	25.88319	9.18600	9.43547	0.1801760	0.25884572	2.4384212	21	5 4.9	21.4
361625 2007 TP_{142}	16.8	X	241.01461	5.16576	14.51792	9.72647	0.1960309	0.26288898	2.4133546	21	5 11.2	20.7
361626 2007 TP_{145}	17.2	X	200.38994	19.39478	36.03002	7.02088	0.1368442	0.25984730	2.4321512	21	5 22.8	21.0
361627 2007 TG_{148}	16.7	X	294.07246	322.62370	44.40475	6.73731	0.1860583	0.27109137	2.3644252	21	7 1.0	19.4
361628 2007 TO_{157}	17.1	X	13.26910	78.23202	210.69245	9.79636	0.1998526	0.27631147	2.3345514	21	8 16.5	19.1
361629 2007 TD_{164}	17.3	X	234.06276	19.51689	21.24484	3.89571	0.1106997	0.26552153	2.3973763	21	6 10.4	20.7
361630 2007 TF_{175}	17.5	X	230.29265	2.94072	30.34535	8.60761	0.1029990	0.26191402	2.4193399	21	5 26.4	21.0
361631 2007 TL_{176}	17.4	X	97.56233	54.26705	14.43988	6.46933	0.1719445	0.24038842	2.5616927	21	2 24.9	20.6
361632 2007 TE_{181}	17.1	X	284.73681	251.85129	139.14659	6.79834	0.1143214	0.27338693	2.3511710	21	8 3.2	19.9
361633 2007 TP_{182}	16.8	X	273.46967	296.39671	100.98848	10.72115	0.1259942	0.27061721	2.3671863	21	7 25.5	19.6
361634 2007 TY_{185}	17.0	X	279.55687	329.57654	45.38367	8.20217	0.1170888	0.27034976	2.3687472	21	7 2.7	20.0
361635 2007 TF_{200}	17.5	X	351.83864	118.08997	207.84047	2.02659	0.1048144	0.27529447	2.3402974	21	8 26.4	19.6
361636 2007 TP_{212}	17.4	X	21.46324	215.67284	241.84290	7.78687	0.3113434	0.22718336	2.6600208	21	—	—
361637 2007 TP_{217}	17.6	X	90.34377	35.58844	263.64404	2.69553	0.1762694	0.28897526	2.2658384	21	12 21.8	21.1
361638 2007 TX_{218}	17.5	X	228.56733	38.24579	347.21634	6.72052	0.1507228	0.26559396	2.3969405	21	5 9.7	21.2
361639 2007 TO_{243}	16.8	X	305.03866	347.57273	349.34106	13.11646	0.2329848	0.27041990	2.3683376	21	5 20.9	19.9
361640 2007 TH_{244}	16.8	X	350.23145	22.36652	300.45416	5.28800	0.2620941	0.27760404	2.3272991	21	8 20.5	17.7
361641 2007 TR_{251}	17.3	X	104.88144	244.58057	358.26779	5.39485	0.0733535	0.28170962	2.3046321	21	10 14.5	20.2
361642 2007 TE_{256}	17.7	X	110.67282	236.42488	59.69414	2.09151	0.1854412	0.29500603	2.2348521	21	—	—
361643 2007 TB_{260}	17.2	X	131.62784	256.44188	13.08819	5.32089	0.1563860	0.29476965	2.2360467	21	12 22.9	20.6
361644 2007 TH_{299}	17.8	X	72.83483	330.71744	314.70110	0.92773	0.2021696	0.28621720	2.2803713	21	11 18.9	21.1
361645 2007 TE_{301}	17.0	X	64.95895	308.89863	227.51252	5.62793	0.0795039	0.25522822	2.4614079	21	5 17.9	19.7
361646 2007 TU_{303}	16.1	X	50.52934	216.46718	274.52660	14.87192	0.1269849	0.24232896	2.5479985	21	2 15.9	19.1
361647 2007 TJ_{316}	17.6	X	48.02811	306.62238	183.47950	2.98142	0.1744753	0.23903251	2.5713710	21	2 21.3	20.0
361648 2007 TZ_{317}	17.8	X	77.30268	252.76189	213.37723	2.39525	0.1116342	0.24123120	2.5557227	21	3 4.1	20.8
361649 2007 TO_{318}	17.6	X	47.54444	55.38889	51.98170	5.71190	0.1883176	0.23392480	2.6086663	21	1 22.4	20.0
361650 2007 TR_{320}	17.5	X	100.68014	281.77907	356.80443	2.63839	0.1798703	0.29162615	2.2520865	21	12 5.8	20.9
361651 2007 TO_{326}	17.3	X	53.43359	176.04671	289.42405	2.94866	0.2095511	0.23643929	2.5901383	21	1 31.1	19.4
361652 2007 TS_{328}	17.0	X	59.82704	121.04463	20.80765	11.81883	0.1976759	0.24369106	2.5384950	21	4 7.5	19.2
361653 2007 TX_{330}	17.5	X	31.71756	219.79474	237.03300	6.51979	0.2754402	0.22906590	2.6454268	21	—	—
361654 2007 TK_{338}	17.2	X	63.35796	265.55127	18.58517	7.87989	0.1214933	0.28374117	2.2936183	21	10 25.7	20.0
361655 2007 TL_{338}	17.3	X	83.59465	148.87030	26.50629	6.79429	0.0675473	0.26260384	2.4151012	21	6 10.6	20.3
361656 2007 TG_{353}	17.3	X	89.59997	261.53192	179.59481	2.85788	0.2571198	0.24073081	2.5592631	21	3 13.1	20.2
361657 2007 TP_{356}	17.4	X	40.56745	177.85685	151.35659	6.76456	0.1962239	0.28953750	2.2629042	21	12 10.8	20.3
361658 2007 TE_{357}	17.0	X	272.16644	333.81829	39.96090	6.95445	0.1529443	0.26738326	2.3862351	21	6 13.9	20.3
361659 2007 TS_{380}	17.2	X	85.98825	247.33329	190.36593	4.53008	0.2284290	0.23891942	2.5721823	21	2 25.3	19.9
361660 2007 TB_{383}	17.8	X	51.23431	68.42613	31.90290	4.64815	0.1972394	0.23432852	2.6056692	21	1 20.2	20.1
361661 2007 TH_{386}	17.2	X	137.60363	343.91468	40.41783	3.31215	0.1515115	0.24183117	2.5514939	21	2 13.7	20.9
361662 2007 TB_{391}	16.6	X	230.20905	106.34798	324.75009	5.79085	0.0963588	0.26779434	2.3837925	21	7 20.6	19.8
361663 2007 TS_{407}	17.3	X	273.56388	327.94061	30.49792	5.07908	0.2021090	0.26496858	2.4007105	21	5 18.2	20.6
361664 2007 TS_{409}	17.3	X	299.93682	173.03649	171.44831	7.34917	0.0449381	0.26671851	2.3901984	21	6 29.9	20.3
361665 2007 TH_{410}	17.4	X	195.77260	316.81982	91.48837	3.00524	0.1805014	0.25850004	2.4405945	21	5 10.7	21.3
361666 2007 TF_{419}	17.3	X	288.48865	204.01203	161.76723	4.05518	0.0700710	0.26666481	2.3905192	21	7 9.7	20.1
361667 2007 TX_{422}	17.7	X	29.66400	248.49035	63.15204	5.59313	0.1637638	0.27844788	2.3225948	21	10 25.2	20.1
361668 2007 TQ_{424}	17.2	X	108.43412	11.45898	212.16476	5.88154	0.0711597	0.27542698	2.3395467	21	9 21.4	20.4
361669 2007 TN_{430}	17.4	X	60.55370	99.65995	108.34938	6.06128	0.1117181	0.25926799	2.4357728	21	7 1.3	20.1
361670 2007 TR_{450}	16.8	X	8.37138	225.98883	81.68327	7.75056	0.1343824	0.27374573	2.3491161	21	9 7.4	19.1
361671 2007 TU_{450}	17.0	X	106.51856	127.49789	165.62191	3.89342	0.1585497	0.29242506	2.2479828	21	12 28.7	20.5
361672 2007 TW_{451}	16.3	X	24.87590	92.05342	230.87691	22.51602	0.2513758	0.27998402	2.3140917	21	11 16.6	18.6
361673 2007 UU_{1}	17.6	X	126.92437	27.54599	37.81822	1.42232	0.1836988	0.24407565	2.5358278	21	3 28.5	21.1
361674 2007 UB_{5}	17.4	X	73.38201	61.68159	357.09263	14.59747	0.1726142	0.23441697	2.6050138	21	1 4.3	20.4
361675 2007 UA_{6}	16.4	X	68.09667	64.72008	359.57923	9.46153	0.1998299	0.23083889	2.6318637	21	1 5.3	19.1
361676 2007 UH_{31}	16.9	X	24.86219	177.37367	143.82755	7.43116	0.1348407	0.28140081	2.3063178	21	10 28.6	19.4
361677 2007 UJ_{31}	17.5	X	121.50543	205.15179	98.90947	6.96776	0.2199860	0.29953471	2.2122690	21	—	—
361678 2007 UP_{33}	15.8	X	39.02418	245.62183	230.78196	28.80890	0.3311748	0.23223050	2.6213391	21	1 3.9	18.1
361679 2007 UC_{38}	17.3	X	6.27401	46.20538	270.86735	2.30137	0.1833180	0.27621675	2.3350851	21	9 17.9	19.1
361680 2007 UG_{38}	17.2	X	145.90950	6.85171	43.40543	3.49249	0.1513750	0.24589677	2.5232920	21	3 26.6	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361681 2007 UO_{46}	17.5	X	274.52945	252.83978	105.56425	2.50976	0.2268046	0.26542093	2.3979821	21	5 17.6	20.7
361682 2007 UY_{50}	16.7	X	233.76003	322.21954	86.23142	10.61729	0.1058557	0.26200298	2.4187922	21	6 21.5	20.1
361683 2007 UO_{91}	17.5	X	30.22026	59.17704	48.61449	13.91707	0.2169917	0.23009130	2.6375615	21	—	—
361684 2007 UJ_{114}	17.2	X	47.86710	84.28894	359.04890	2.89644	0.1652021	0.23093009	2.6311707	21	—	—
361685 2007 UL_{114}	16.9	X	193.72257	197.84145	250.12320	5.93020	0.0379151	0.26234262	2.4167041	21	7 1.4	20.1
361686 2007 UP_{114}	17.2	X	36.84940	210.54341	260.11703	4.19001	0.2234940	0.23192268	2.6236581	21	1 1.3	19.2
361687 2007 UX_{128}	17.4	X	288.19826	225.51216	171.16249	6.42693	0.1078820	0.27083327	2.3659272	21	8 17.3	20.0
361688 2007 UN_{129}	17.2	X	267.27770	320.80591	79.39694	6.75982	0.0867264	0.26667406	2.3904640	21	7 27.7	20.1
361689 2007 VY_{7}	19.3	X	183.01387	9.56188	108.06032	6.36180	0.5036210	0.40281850	1.8157795	21	7 25.2	22.8
361690 Laurelanmaurer	17.3	X	344.09380	263.64803	70.81077	3.17446	0.2286944	0.27571108	2.3379393	21	8 26.8	18.5
361691 2007 VZ_{45}	17.3	X	8.94349	30.03730	267.91002	5.59638	0.1302635	0.27158552	2.3615563	21	8 15.4	19.5
361692 2007 VU_{51}	17.2	X	35.08278	249.36167	260.52632	5.16884	0.1169118	0.24041966	2.5614707	21	2 20.0	20.0
361693 2007 VO_{101}	17.4	X	90.23540	28.83965	40.28565	3.21550	0.1766769	0.23576229	2.5950944	21	2 15.3	20.3
361694 2007 VL_{102}	15.8	X	86.45512	339.62588	66.41264	20.28775	0.1707761	0.23116385	2.6293966	21	1 7.7	19.0
361695 2007 VE_{108}	17.2	X	70.75141	192.02200	52.29709	2.01932	0.1344211	0.26918048	2.3756020	21	9 12.7	20.2
361696 2007 VM_{125}	16.9	X	103.87811	306.87048	137.63805	7.01365	0.2508361	0.24140921	2.5544662	21	4 7.7	20.4
361697 2007 VS_{153}	17.4	X	111.46835	354.37060	247.17916	1.77042	0.0194447	0.28151968	2.3056685	21	10 16.5	20.2
361698 2007 VT_{155}	17.1	X	96.65861	153.49404	264.83621	3.96932	0.1750920	0.23710742	2.5852702	21	2 6.9	20.1
361699 2007 VD_{162}	17.2	X	337.17871	246.70511	37.41162	7.14767	0.0951255	0.25837424	2.4413867	21	5 24.3	19.9
361700 2007 VA_{165}	17.1	X	51.32398	179.33573	66.45776	5.86105	0.1918351	0.26349755	2.4096372	21	8 29.0	19.9
361701 2007 VZ_{171}	17.3	X	10.12902	215.87416	261.97377	5.20236	0.1511091	0.22861620	2.6488948	21	—	—
361702 2007 VN_{195}	17.7	X	58.88689	14.25066	248.28329	3.05322	0.1474903	0.27877759	2.3207631	21	9 22.4	20.6
361703 2007 VO_{202}	18.0	X	11.37437	329.15986	343.85645	4.24437	0.1798918	0.28254838	2.3000689	21	9 23.8	19.7
361704 2007 VZ_{206}	16.6	X	211.39051	348.70688	78.05433	7.34797	0.0902331	0.26181807	2.4199310	21	6 21.6	20.0
361705 2007 VC_{245}	17.0	X	82.47990	14.08742	57.44400	4.12196	0.1381637	0.23543762	2.5974796	21	1 31.5	19.9
361706 2007 VY_{250}	17.0	X	324.98626	7.99519	317.03110	6.33811	0.1132488	0.26806824	2.3821685	21	7 3.7	19.5
361707 2007 VU_{251}	16.7	X	15.70690	13.42185	95.82127	10.57428	0.2999322	0.22514422	2.6760579	21	—	—
361708 2007 VG_{258}	17.2	X	58.92268	91.83151	161.84491	6.61921	0.1181203	0.26977345	2.3721196	21	9 5.7	19.8
361709 2007 VP_{267}	17.2	X	53.12831	256.24111	229.57157	8.15996	0.1023955	0.23885895	2.5726164	21	2 16.3	20.2
361710 2007 VB_{290}	17.1	X	120.09314	352.81068	68.60676	6.83036	0.2066441	0.24070169	2.5594695	21	3 22.5	20.8
361711 2007 VA_{295}	16.9	X	266.97175	337.47416	71.61880	6.34205	0.1287064	0.26957399	2.3732896	21	8 2.9	20.0
361712 2007 VX_{295}	16.8	X	359.47528	282.74404	189.05927	12.56046	0.2272869	0.22427128	2.6829976	21	—	—
361713 2007 VL_{303}	16.6	X	270.76557	279.58143	118.64010	10.94322	0.2148735	0.27128989	2.3632716	21	7 7.9	19.6
361714 2007 VL_{307}	16.8	X	46.25646	222.82644	62.68391	8.04795	0.1060739	0.27438693	2.3454550	21	10 5.4	19.6
361715 2007 VO_{313}	17.1	X	305.61301	276.76926	44.11857	3.52859	0.1907723	0.26121813	2.4236348	21	5 11.0	19.9
361716 2007 VM_{321}	16.4	X	81.71332	14.35230	77.97757	14.66811	0.1397795	0.23754217	2.5821149	21	3 6.1	19.7
361717 2007 VX_{322}	17.0	X	276.61009	56.94158	310.82282	5.36889	0.0329621	0.26409690	2.4059901	21	7 2.1	20.0
361718 2007 VA_{324}	17.6	X	300.57730	320.65320	47.07543	2.45147	0.1985530	0.27038011	2.3685700	21	7 10.9	20.0
361719 2007 VJ_{329}	17.6	X	87.74624	234.69853	212.08682	1.79307	0.1711000	0.23775468	2.5805760	21	3 3.8	20.6
361720 2007 VZ_{334}	17.3	X	45.33504	186.83065	102.73672	2.83956	0.1461514	0.27236651	2.3570398	21	10 13.5	19.9
361721 2007 WS_{9}	17.1	X	40.02087	188.40303	36.42778	7.32225	0.0580608	0.26244721	2.4160620	21	6 13.9	20.0
361722 2007 WF_{19}	17.7	X	64.97345	188.18929	133.01435	2.82384	0.2527915	0.28729365	2.2746716	21	12 31.6	21.3
361723 2007 WO_{27}	17.0	X	41.85046	159.02739	333.78271	2.47902	0.1302592	0.23536853	2.5979879	21	2 12.7	19.7
361724 2007 WK_{31}	17.2	X	78.33371	195.78774	264.49992	2.15036	0.1238552	0.23787405	2.5797127	21	2 27.9	20.1
361725 2007 WF_{33}	17.4	X	29.17821	99.79739	21.50449	4.71763	0.1165940	0.23209943	2.6223259	21	1 6.4	20.2
361726 2007 WS_{43}	17.5	X	118.09462	59.94814	14.63966	4.23509	0.1601703	0.24230465	2.5481690	21	3 27.3	20.8
361727 2007 WY_{49}	17.5	X	65.51131	179.84078	140.52587	2.75852	0.2399826	0.28779984	2.2720036	21	12 29.9	21.0
361728 2007 WT_{50}	16.7	X	313.29021	227.20057	90.18327	5.67118	0.0767700	0.26065034	2.4271532	21	6 6.8	19.3
361729 2007 WU_{52}	16.7	X	64.09590	21.92190	96.62141	10.52418	0.1649287	0.23936874	2.5689625	21	3 13.7	19.6
361730 2007 WS_{55}	16.2	X	106.38291	318.83554	69.35643	34.15176	0.2863233	0.23451988	2.6042516	21	2 8.9	20.4
361731 2007 WN_{61}	17.3	X	51.03433	129.31361	341.48610	4.17658	0.1744646	0.23377495	2.6097810	21	2 2.4	19.7
361732 2007 WN_{62}	17.6	X	296.68210	275.97296	51.12383	3.70101	0.1007458	0.25702908	2.4498973	21	5 22.0	20.6
361733 2007 XF_{3}	17.1	X	112.87479	209.13488	209.92577	3.32915	0.1964727	0.23885896	2.5726163	21	3 4.9	20.6
361734 2007 XQ_{10}	17.2	X	41.08254	147.36384	333.81490	2.19214	0.1433777	0.23419136	2.6066865	21	1 26.5	19.6
361735 2007 XJ_{11}	16.8	X	89.48854	234.19167	206.29368	11.40006	0.2685977	0.23678620	2.5876078	21	3 11.9	20.0
361736 2007 XQ_{12}	17.3	X	173.56595	185.51485	276.70742	5.72407	0.0831259	0.25979907	2.4324523	21	6 26.6	20.6
361737 2007 XQ_{14}	17.4	X	103.36479	22.22646	61.32505	2.35610	0.1072456	0.23978825	2.5659653	21	3 13.6	20.6
361738 2007 XR_{17}	16.6	X	21.18123	269.80796	65.34333	11.13829	0.2695448	0.28058396	2.3107918	21	12 1.2	19.1
361739 2007 XV_{18}	17.2	X	67.39330	41.83904	49.95862	5.30567	0.2034055	0.23359493	2.6111216	21	2 13.0	19.8
361740 2007 XH_{22}	17.1	X	78.61647	14.12564	70.56672	6.37709	0.1559408	0.23451269	2.6043048	21	2 16.5	20.1
361741 2007 XQ_{23}	17.4	X	120.42617	13.76530	59.83695	3.97160	0.1569090	0.24168416	2.5525285	21	3 29.9	20.9
361742 2007 XW_{28}	17.3	X	111.24775	10.90268	71.88653	4.40924	0.1268323	0.24089439	2.5581044	21	3 26.9	20.7
361743 2007 XG_{33}	17.0	X	26.22794	88.80846	0.74048	5.30513	0.1443346	0.22311584	2.6922525	21	—	—
361744 2007 XV_{36}	17.3	X	141.01756	33.35376	34.84166	3.63613	0.1863206	0.24547487	2.5261823	21	4 15.9	21.2
361745 2007 XU_{39}	16.3	X	27.81086	141.18176	295.42514	12.18621	0.1620657	0.22029223	2.7152090	21	—	—
361746 2007 XD_{41}	16.7	X	112.01611	223.94923	283.52314	5.29111	0.0731170	0.25353486	2.4723556	21	6 12.7	20.0
361747 2007 XZ_{50}	16.4	X	25.12345	48.25430	71.38417	15.06447	0.2083598	0.22333530	2.6904885	21	—	—
361748 2007 XH_{52}	17.7	X	38.09222	189.58729	285.79194	2.37404	0.1445792	0.23123135	2.6288849	21	1 13.0	20.3
361749 2007 XW_{52}	16.3	X	318.56541	100.91955	126.04452	12.34863	0.1555628	0.22682720	2.6628046	21	2 2.2	19.8
361750 2007 XP_{55}	17.1	X	304.99069	228.08353	126.63690	4.79183	0.1113651	0.26703903	2.3882854	21	7 13.2	19.8
361751 2007 XO_{59}	16.7	X	302.08460	94.79495	108.31232	13.67894	0.1818549	0.22235671	2.6983765	21	—	—
361752 2007 YZ_{3}	16.5	X	241.67118	173.22979	73.58956	17.12632	0.1732636	0.22157661	2.7047063	21	—	—
361753 2007 YJ_{21}	17.2	X	18.44971	105.22020	109.59554	3.12871	0.0814614	0.24344918	2.5401762	21	4 28.7	19.9
361754 2007 YV_{29}	19.0	X	186.84627	321.84201	59.31046	21.88155	0.3567683	0.61247660	1.3732293	21	3 21.9	21.0
361755 2007 YN_{54}	17.2	X	34.80387	98.02053	40.37652	5.83650	0.1305610	0.23103428	2.6303796	21	2 11.4	20.0
361756 2007 YZ_{55}	15.4	X	133.61571	204.26068	295.92519	15.54669	0.1350479	0.17641551	3.1485569	21	7 7.0	20.2
361757 2007 YZ_{60}	16.5	X	93.49369	71.67895	352.37259	10.02594	0.1870293	0.23189156	2.6238928	21	2 16.9	19.6
361758 2007 YC_{62}	17.0	X	12.10166	54.00601	89.45397	5.32264	0.1198655	0.22448292	2.6813110	21	1 9.0	19.9
361759 2007 YM_{63}	16.9	X	341.01163	158.24451	30.20303	2.47966	0.1752898	0.22509972	2.6764106	21	1 12.1	20.1
361760 2007 YF_{65}	16.6	X	110.11075	143.41863	283.30963	12.24632	0.1058072	0.23845151	2.5755461	21	2 21.3	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361761 2007 YE_{66}	17.4	X	318.46080	76.58050	94.53795	2.89419	0.2107315	0.21783758	2.7355680	21	—	—
361762 2007 YR_{67}	16.7	X	294.36537	284.54087	55.34299	6.92252	0.1791347	0.25659169	2.4526806	21	5 23.8	19.8
361763 2007 YN_{73}	17.1	X	305.16047	270.01030	327.61801	4.44040	0.1200548	0.22887910	2.6468660	21	2 3.8	20.8
361764 Antonbuslov	17.5	X	335.15586	290.43085	280.40203	18.77563	0.0897859	0.38116622	1.8839084	21	1 7.5	19.0
361765 2008 AE_{5}	16.3	X	310.29453	231.30987	310.41402	8.37161	0.1303817	0.21811194	2.7332735	21	—	—
361766 2008 AR_{6}	17.0	X	207.45151	343.79343	95.05409	6.22066	0.0843136	0.26072696	2.4266776	21	7 4.1	20.5
361767 2008 AF_{8}	17.2	X	64.64409	328.16028	132.72074	3.38994	0.1110179	0.22887890	2.6468675	21	2 8.3	20.1
361768 2008 AD_{11}	16.6	X	115.68199	295.46370	127.81825	14.14177	0.1264915	0.23387365	2.6090467	21	3 9.4	20.2
361769 2008 AG_{17}	17.3	X	45.50911	310.26222	145.21514	2.97230	0.0587102	0.22309927	2.6923857	21	—	—
361770 2008 AC_{21}	16.5	X	242.60177	148.51300	119.45538	5.77757	0.0723962	0.22102862	2.7091748	21	1 8.6	20.4
361771 2008 AV_{27}	16.8	X	350.80959	325.14716	139.55510	9.75389	0.2507211	0.21204193	2.7851904	21	—	—
361772 2008 AY_{29}	16.2	X	189.71832	169.45701	217.53953	1.06118	0.1598612	0.24652913	2.5189752	21	4 7.9	20.1
361773 2008 AM_{34}	17.0	X	90.02222	106.57307	313.68742	2.49877	0.1050959	0.22731457	2.6589971	21	1 24.1	20.3
361774 2008 AF_{38}	16.5	X	251.80182	174.20872	130.04551	14.78862	0.0709232	0.23467552	2.6031000	21	3 5.4	20.3
361775 2008 AK_{42}	16.7	X	298.40686	199.87041	338.27218	5.10951	0.0102353	0.21643370	2.7473846	21	—	—
361776 2008 AK_{56}	16.4	X	279.39514	125.26941	121.02948	13.90231	0.3103522	0.22242732	2.6978055	21	—	—
361777 2008 AT_{57}	16.9	X	219.80057	180.32178	140.02250	5.23739	0.1238918	0.23260818	2.6185009	21	2 14.9	21.1
361778 2008 AM_{68}	16.7	X	292.63585	4.16225	116.28469	7.49653	0.2803674	0.20505029	2.8481474	21	11 18.6	19.7
361779 2008 AA_{81}	16.6	X	246.50447	184.80550	140.33795	14.98280	0.0783786	0.23584854	2.5944617	21	3 26.3	20.5
361780 2008 AW_{84}	17.1	X	349.01284	95.23400	357.32072	7.07810	0.1946058	0.21389971	2.7690401	21	—	—
361781 2008 AF_{87}	17.2	X	36.91320	26.78211	62.96644	1.03074	0.0991679	0.22355284	2.6887427	21	—	—
361782 2008 AW_{88}	17.2	X	25.68405	195.07479	285.18035	1.25674	0.0477692	0.22548900	2.6733294	21	1 3.8	20.6
361783 2008 AU_{90}	16.7	X	25.76979	10.17556	126.09536	9.96259	0.0738698	0.22820146	2.6521033	21	1 23.0	19.9
361784 2008 AN_{97}	17.2	X	18.35338	126.51041	344.69964	4.44344	0.0679751	0.22104572	2.7090351	21	—	—
361785 2008 AR_{99}	16.8	X	22.01311	233.99322	206.36521	4.29820	0.0941540	0.21558018	2.7546314	21	—	—
361786 2008 AG_{102}	16.8	X	90.34510	133.74567	304.14085	5.15731	0.1426263	0.23169725	2.6253596	21	2 19.9	20.0
361787 2008 AZ_{112}	16.3	X	123.82900	353.22106	59.19440	10.73338	0.1596361	0.23433576	2.6056156	21	3 12.2	20.1
361788 2008 AM_{129}	16.2	X	248.05442	139.36845	84.44217	13.20172	0.0562245	0.21516352	2.7581864	21	—	—
361789 2008 BV_{3}	16.0	X	245.63978	292.45351	317.69060	9.60832	0.0475701	0.22175611	2.7032465	21	—	—
361790 2008 BE_{5}	17.1	X	42.95864	109.78424	357.83017	2.50274	0.0543984	0.22550505	2.6732026	21	1 12.6	20.4
361791 2008 BP_{31}	17.1	X	327.75823	12.77617	145.98930	6.27150	0.0747744	0.21632459	2.7483083	21	—	—
361792 2008 BM_{38}	16.2	X	0.81222	141.45991	322.14657	5.76989	0.0271221	0.21130898	2.7916272	21	—	—
361793 2008 BR_{39}	16.8	X	58.97060	52.79267	50.64844	5.07657	0.0853562	0.22786761	2.6546930	21	2 2.5	20.0
361794 2008 BS_{40}	16.2	X	85.35341	253.66284	133.16795	14.53605	0.0933031	0.21809105	2.7334481	21	—	—
361795 2008 BN_{50}	17.1	X	147.05574	181.86632	177.85911	6.18428	0.0480122	0.22300089	2.6931775	21	1 12.7	20.9
361796 2008 BX_{53}	15.2	X	43.15609	285.19136	4.41846	11.80080	0.0689047	0.17678279	3.1441944	21	9 16.9	19.4
361797 2008 BA_{54}	16.9	X	293.05416	22.63697	173.54050	3.03475	0.0361250	0.21620119	2.7493540	21	—	—
361798 2008 CK_{16}	16.8	X	333.59765	5.71649	159.24225	5.32905	0.0973885	0.21717755	2.7411077	21	—	—
361799 2008 CR_{18}	16.2	X	136.00872	330.43396	8.01719	6.24194	0.0600967	0.21075798	2.7964906	21	—	—
361800 2008 CH_{20}	17.1	X	354.01628	356.69933	133.35990	9.15025	0.2525011	0.21668652	2.7452472	21	—	—
361801 2008 CR_{20}	16.9	X	51.98843	277.25946	136.96963	5.42002	0.0725818	0.21463994	2.7626701	21	—	—
361802 2008 CS_{20}	16.5	X	45.48621	344.56843	154.01446	12.56151	0.1338919	0.23172615	2.6251413	21	3 1.1	19.1
361803 2008 CD_{24}	16.5	X	68.01624	262.99473	140.20999	4.68513	0.0719451	0.21329051	2.7743103	21	—	—
361804 2008 CD_{25}	16.5	X	291.64556	65.46516	105.92743	4.06504	0.1165379	0.20922668	2.8101188	21	—	—
361805 2008 CG_{30}	16.6	X	235.38232	120.07772	123.93312	9.60618	0.0957923	0.21431369	2.7654731	21	—	—
361806 2008 CA_{36}	16.8	X	322.56240	1.38404	178.74891	4.87565	0.0374746	0.21875424	2.7279206	21	—	—
361807 2008 CZ_{37}	17.0	X	293.82281	275.59969	292.37359	4.04439	0.1089467	0.21659224	2.7460437	21	—	—
361808 2008 CL_{38}	16.6	X	138.74403	235.60933	132.09794	7.04056	0.0417211	0.22181644	2.7027564	21	1 12.7	20.3
361809 2008 CD_{48}	16.7	X	332.83462	313.65873	166.31942	13.95647	0.4287755	0.21374396	2.7703852	21	—	—
361810 2008 CN_{50}	16.3	X	16.26198	112.90349	333.19022	8.41171	0.1221930	0.21458493	2.7631422	21	—	—
361811 2008 CT_{52}	17.1	X	152.35640	336.11408	12.81060	5.21454	0.1262828	0.22063137	2.7124258	21	1 17.5	21.1
361812 2008 CY_{58}	17.4	X	340.58960	290.70218	169.06644	4.50261	0.0720092	0.20906625	2.8115562	21	—	—
361813 2008 CN_{71}	16.8	X	1.75933	27.11714	84.73574	9.29849	0.1908492	0.21749054	2.7384773	21	—	—
361814 2008 CL_{73}	16.2	X	283.03087	206.79286	357.26546	8.42369	0.2403643	0.21402531	2.7679567	21	—	—
361815 2008 CB_{77}	16.4	X	339.05477	156.19781	357.71317	8.49430	0.1259582	0.21857613	2.7294023	21	—	—
361816 2008 CW_{90}	16.4	X	79.03940	21.27550	61.99362	14.65339	0.2165768	0.23071927	2.6327733	21	3 3.2	19.7
361817 2008 CC_{94}	16.9	X	17.78462	18.71608	89.82631	4.56178	0.1554400	0.21696868	2.7428666	21	—	—
361818 2008 CF_{101}	17.5	X	300.26558	186.36455	18.99514	4.60621	0.0475593	0.22369904	2.6875712	21	—	—
361819 2008 CE_{104}	16.5	X	111.18422	293.64218	19.45842	5.77312	0.0686107	0.20315120	2.8658698	21	—	—
361820 2008 CG_{108}	16.0	X	298.17836	276.95144	281.80676	6.73784	0.0909493	0.21771579	2.7365881	21	—	—
361821 2008 CK_{128}	17.1	X	41.03226	104.77765	333.13618	5.12262	0.0638689	0.21580832	2.7526897	21	—	—
361822 2008 CF_{137}	16.3	X	130.18803	63.92164	296.12553	5.40641	0.0350001	0.21862416	2.7290026	21	—	—
361823 2008 CL_{147}	16.5	X	274.87515	74.46123	168.75385	11.60163	0.0416232	0.22091552	2.7100995	21	1 15.6	20.6
361824 2008 CG_{157}	16.8	X	64.02686	345.10960	37.32792	3.02754	0.0247776	0.20602971	2.8391139	21	—	—
361825 2008 CV_{165}	16.6	X	239.51260	239.93403	33.23578	8.53193	0.1134917	0.21644004	2.7473309	21	1 12.3	21.0
361826 2008 CB_{177}	16.5	X	15.11541	343.85817	144.69239	14.41578	0.0571539	0.22240146	2.6980146	21	—	—
361827 2008 CF_{178}	16.2	X	264.95352	156.58394	82.19986	8.53845	0.0915547	0.21924821	2.7238217	21	—	—
361828 2008 CX_{178}	16.2	X	258.77657	273.14376	336.94529	12.69157	0.1290017	0.21889432	2.7267567	21	1 2.7	20.6
361829 2008 CH_{187}	16.9	X	347.42981	118.26211	341.06482	7.23422	0.1926478	0.21343640	2.7730459	21	—	—
361830 2008 CO_{194}	16.6	X	274.44004	82.12962	171.29815	14.70315	0.2696005	0.21433990	2.7652477	21	1 7.9	21.5
361831 2008 CU_{200}	16.6	X	310.11307	345.28763	162.74334	6.66352	0.0734251	0.20826925	2.8187244	21	—	—
361832 2008 CS_{206}	17.3	X	55.28346	35.75643	21.15813	4.16223	0.0953882	0.21404663	2.7677729	21	—	—
361833 2008 CP_{212}	16.3	X	332.52819	117.79475	98.58069	12.86616	0.0437466	0.22868450	2.6483674	21	2 27.9	19.9
361834 2008 DW_{4}	16.8	X	14.90716	313.28342	120.99473	5.22980	0.1845234	0.21220327	2.7837784	21	—	—
361835 2008 DK_{8}	17.3	X	161.77117	333.14297	15.38641	3.28863	0.0988810	0.22147049	2.7055702	21	1 23.8	21.3
361836 2008 DE_{11}	16.4	X	149.16686	220.47131	124.08940	7.25879	0.0223654	0.21960811	2.7208450	21	—	—
361837 2008 DK_{13}	16.4	X	350.74821	142.02382	358.42430	10.11946	0.1501126	0.21599323	2.7511184	21	—	—
361838 2008 DU_{14}	16.4	X	28.99437	331.14882	168.79692	8.30732	0.0864802	0.22173772	2.7033960	21	2 1.8	19.7
361839 2008 DL_{31}	16.9	X	191.62262	165.53371	169.45410	5.35546	0.0196653	0.22561867	2.6723050	21	1 31.8	20.6
361840 2008 DY_{33}	15.8	X	201.41210	275.17655	329.59480	14.00326	0.1178191	0.20373744	2.8603696	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361841 2008 DG_{38}	16.5	X	225.09842	90.88826	193.64399	6.03748	0.0141124	0.21393563	2.7687302	21	1 11.5	20.4
361842 2008 DE_{39}	16.6	X	229.81056	120.67185	179.64933	13.37322	0.1985657	0.21447547	2.7640822	21	1 29.4	21.5
361843 2008 DR_{44}	16.6	X	97.67552	352.82190	31.50641	5.84777	0.0206836	0.21400950	2.7680930	21	—	—
361844 2008 DD_{47}	16.4	X	316.35655	325.10488	152.55577	7.91954	0.1517143	0.20240366	2.8729218	21	—	—
361845 2008 DL_{48}	16.5	X	197.97907	346.04905	204.74526	8.68300	0.0747826	0.18928313	3.0041950	21	11 11.0	21.0
361846 2008 DC_{52}	16.4	X	292.07766	126.80452	135.67479	17.76667	0.1859303	0.22498612	2.6773115	21	2 11.8	20.3
361847 2008 DW_{56}	17.0	X	229.66906	253.73152	92.99778	6.15434	0.0363606	0.23424272	2.6063055	21	4 5.8	20.7
361848 2008 DX_{60}	16.8	X	249.66365	111.48466	140.83678	4.92987	0.1483070	0.21353183	2.7722197	21	—	—
361849 2008 DF_{62}	17.0	X	345.01695	106.92820	351.84664	1.52521	0.0647884	0.20593196	2.8400122	21	—	—
361850 2008 DR_{70}	16.0	X	242.80342	187.75628	25.94006	10.87286	0.0548296	0.20700456	2.8301934	21	—	—
361851 2008 DG_{71}	16.8	X	143.26140	191.52948	132.78191	5.19665	0.0623139	0.20982620	2.8047635	21	—	—
361852 2008 DT_{77}	16.7	X	68.86851	18.63354	53.69636	3.80196	0.0480772	0.21891806	2.7265595	21	1 5.1	20.2
361853 2008 DQ_{82}	16.3	X	78.82190	238.02551	106.76916	3.25594	0.0320647	0.19731090	2.9221466	21	—	—
361854 2008 DM_{88}	16.4	X	15.51510	331.16704	130.83666	5.99590	0.1205259	0.21204126	2.7851962	21	—	—
361855 2008 EX_{1}	16.3	X	279.46682	12.35718	194.28720	8.49621	0.0773240	0.21087337	2.7954703	21	—	—
361856 2008 EO_{13}	16.1	X	153.67034	254.00510	44.03741	6.57387	0.0778512	0.20351915	2.8624145	21	—	—
361857 2008 EK_{23}	16.3	X	228.34663	101.56692	90.88775	8.48202	0.1444513	0.19811585	2.9142261	21	12 8.9	20.6
361858 2008 EH_{47}	15.9	X	291.47482	259.97901	179.22554	16.50365	0.0652600	0.18528356	3.0472737	21	10 19.8	20.0
361859 2008 ET_{57}	16.8	X	47.18285	307.94960	156.36701	5.25577	0.1138325	0.22309590	2.6924128	21	1 15.6	19.9
361860 2008 ED_{60}	16.2	X	263.95232	236.40880	344.94759	10.24284	0.1468585	0.20976081	2.8053463	21	—	—
361861 2008 ED_{69}	17.0	X	226.59262	173.26029	149.52192	36.35604	0.7394937	0.19826364	2.9127776	21	2 15.7	23.6
361862 2008 EF_{71}	16.7	X	270.74496	226.34977	4.38524	8.49034	0.1201686	0.21459585	2.7630485	21	—	—
361863 2008 EH_{76}	18.7	X	30.90798	262.41016	15.44522	21.23592	0.1381228	0.39242115	1.8477127	21	9 22.6	20.0
361864 2008 EZ_{86}	16.4	X	346.12791	329.02367	171.71966	9.43739	0.0934855	0.21162780	2.7888227	21	—	—
361865 2008 ES_{93}	15.9	X	172.68226	196.24702	144.54328	15.70991	0.0120406	0.21794921	2.7346338	21	1 17.3	19.7
361866 2008 EA_{109}	16.5	X	220.04605	278.78866	328.58268	8.78982	0.1343486	0.20985864	2.8044744	21	—	—
361867 2008 EC_{126}	16.0	X	87.44429	317.77991	6.96670	12.33908	0.0820094	0.19260703	2.9695317	21	12 25.4	20.6
361868 2008 EB_{149}	17.1	X	282.23120	29.71298	184.72949	8.98964	0.0907735	0.20999798	2.8032337	21	—	—
361869 2008 EY_{166}	16.0	X	296.86200	201.47519	23.40587	13.32744	0.0869923	0.21763534	2.7372624	21	1 18.8	20.1
361870 2008 FL_{9}	16.7	X	162.53838	282.15554	1.11698	1.67381	0.0272546	0.20586893	2.8405919	21	—	—
361871 2008 FJ_{12}	16.1	X	262.65995	171.80604	164.72674	34.04476	0.2081902	0.23725410	2.5842046	21	4 14.1	20.5
361872 2008 FR_{14}	16.6	X	270.74641	292.22330	178.46738	12.11478	0.0730045	0.19156644	2.9802756	21	10 31.7	20.7
361873 2008 FD_{16}	16.5	X	85.04735	208.52457	182.80337	5.02282	0.0254616	0.21148290	2.7900965	21	—	—
361874 2008 FX_{17}	16.5	X	261.23829	194.00066	355.08610	4.54937	0.0363418	0.20522959	2.8464883	21	—	—
361875 2008 FU_{22}	16.8	X	224.09391	137.81021	73.24705	6.33752	0.0545437	0.19768620	2.9184470	21	—	—
361876 2008 FG_{29}	18.4	X	227.28251	44.23383	352.31065	21.26295	0.0925913	0.39228980	1.8481251	21	5 12.4	21.1
361877 2008 FT_{36}	16.6	X	164.54052	135.19839	154.68316	2.88860	0.2415793	0.19927906	2.9028746	21	—	—
361878 2008 FN_{54}	16.4	X	168.81797	246.91838	34.89992	7.74072	0.0967541	0.19745580	2.9207168	21	—	—
361879 2008 FQ_{54}	16.0	X	193.83251	351.96139	195.66180	13.80291	0.1111541	0.18669606	3.0318842	21	10 31.5	20.8
361880 2008 FF_{55}	16.4	X	239.75855	319.99256	192.09894	6.79860	0.1859230	0.19177129	2.9781529	21	10 28.2	20.8
361881 2008 FJ_{58}	16.6	X	216.20632	47.08800	183.65771	8.15751	0.1093089	0.19651750	2.9300063	21	—	—
361882 2008 FE_{65}	15.9	X	56.64256	124.77848	188.15421	9.11178	0.1092292	0.17849179	3.1240925	21	11 8.4	20.3
361883 2008 FP_{66}	15.7	X	65.39710	264.40889	42.22089	10.51614	0.0329997	0.18056911	3.1000860	21	10 31.0	20.1
361884 2008 FM_{70}	16.1	X	117.99702	216.62135	34.89755	16.91506	0.0663832	0.17938924	3.1136644	21	10 28.5	20.7
361885 2008 FF_{75}	16.2	X	352.75075	333.68529	100.78910	6.47569	0.1054156	0.19893254	2.9062446	21	—	—
361886 2008 FD_{79}	17.0	X	141.77090	321.89520	306.93104	0.62737	0.1386895	0.19084801	2.9877502	21	12 15.5	21.8
361887 2008 FZ_{81}	16.4	X	292.12301	257.33674	178.49460	11.99404	0.1260485	0.18814376	3.0163114	21	10 7.9	20.2
361888 2008 FP_{89}	16.8	X	334.39980	167.61234	331.90400	8.96470	0.1114730	0.21589598	2.7519446	21	—	—
361889 2008 FV_{89}	16.7	X	331.28300	133.44102	355.73396	9.24425	0.0867835	0.21151871	2.7897815	21	—	—
361890 2008 FV_{93}	16.5	X	200.12802	104.88622	156.88593	6.38536	0.0227163	0.20082899	2.8879197	21	—	—
361891 2008 FP_{100}	16.3	X	259.71095	40.45037	60.80921	11.45285	0.1079832	0.18302510	3.0722906	21	10 2.9	20.8
361892 2008 FO_{116}	16.1	X	162.21575	192.60284	27.67734	9.79458	0.0694097	0.18481876	3.0523805	21	11 6.2	20.7
361893 2008 FF_{121}	15.9	X	344.10711	186.79644	162.91345	12.03712	0.0943038	0.17593137	3.1543305	21	9 6.8	19.7
361894 2008 FP_{124}	16.1	X	95.82523	111.18022	212.31233	15.87206	0.1396159	0.18962869	3.0005442	21	—	—
361895 2008 FS_{130}	16.7	X	200.62088	72.10780	116.25002	5.56799	0.1168654	0.18686812	3.0300229	21	11 8.3	21.4
361896 2008 FU_{134}	16.4	X	171.01110	347.20405	213.65792	9.03503	0.0716424	0.18330227	3.0691927	21	10 24.1	20.9
361897 2008 GN_{2}	16.5	X	127.31050	292.93155	356.15133	10.92417	0.1727421	0.19310648	2.9644092	21	12 28.2	21.6
361898 2008 GN_{5}	16.9	X	221.45930	296.07328	334.49328	4.19530	0.1261224	0.21038995	2.7997508	21	—	—
361899 2008 GW_{14}	16.7	X	227.82427	291.13204	11.60147	7.25048	0.2026630	0.21366355	2.7710802	21	2 4.4	21.5
361900 2008 GC_{17}	16.4	X	182.66920	114.67932	87.12492	7.73489	0.1897126	0.18473063	3.0533513	21	11 4.1	21.5
361901 2008 GX_{19}	15.5	X	110.54912	218.94501	53.16068	25.64943	0.2493332	0.17867432	3.1219645	21	11 24.5	20.8
361902 2008 GJ_{31}	16.5	X	200.78434	60.21230	107.16763	6.50803	0.0573353	0.18357003	3.0662074	21	10 19.8	21.1
361903 2008 GH_{33}	16.2	X	61.98356	312.59083	13.91899	15.01141	0.1977357	0.18533232	3.0467391	21	12 9.9	20.9
361904 2008 GJ_{36}	15.7	X	79.13529	255.10995	76.74315	11.89047	0.0467721	0.18820208	3.0156882	21	12 19.1	20.0
361905 2008 GE_{38}	16.6	X	168.77772	93.68270	136.11461	2.52747	0.1372793	0.18536183	3.0464158	21	11 24.3	21.4
361906 2008 GV_{40}	16.0	X	116.82509	261.52350	47.08636	15.94767	0.1170838	0.19085939	2.9876315	21	—	—
361907 2008 GK_{42}	15.9	X	202.61173	344.02551	185.75084	10.80440	0.0730585	0.18384034	3.0632011	21	10 21.7	20.5
361908 2008 GR_{47}	15.7	X	264.82698	279.43001	207.83647	20.83853	0.0868847	0.18528536	3.0472539	21	11 9.2	19.9
361909 2008 GY_{59}	16.4	X	157.60291	63.13501	208.86485	9.55543	0.0830683	0.19179492	2.9779083	21	—	—
361910 2008 GL_{67}	15.5	X	138.30576	213.94675	48.39780	10.09443	0.1083603	0.18604773	3.0389237	21	12 2.7	20.2
361911 2008 GK_{68}	16.2	X	80.70693	117.84796	196.37962	15.94664	0.2382797	0.17933831	3.1142538	21	12 19.1	21.4
361912 2008 GP_{92}	15.9	X	276.03330	89.21130	45.58479	11.85478	0.1209650	0.19281376	2.9674087	21	11 27.6	19.8
361913 2008 GE_{97}	16.1	X	85.60150	265.81898	64.74454	9.82447	0.1177162	0.18843707	3.0131806	21	—	—
361914 2008 GH_{97}	15.8	X	104.62758	222.73988	29.67138	17.93698	0.0826738	0.17763638	3.1341139	21	10 17.7	20.4
361915 2008 GW_{97}	15.9	X	105.04500	255.81452	26.41943	12.40809	0.1688334	0.18128503	3.0919189	21	11 26.3	20.9
361916 2008 GE_{98}	15.8	X	20.88848	278.16257	71.40435	12.00609	0.0042038	0.18082787	3.0971279	21	10 28.5	20.2
361917 2008 GQ_{102}	15.8	X	61.21493	224.77414	90.69851	6.59687	0.1608978	0.17802957	3.1294976	21	11 23.4	20.2
361918 2008 GV_{102}	16.2	X	200.32051	352.82036	187.76842	10.53160	0.0213275	0.18277979	3.0750388	21	11 5.8	20.6
361919 2008 GK_{103}	16.7	X	74.69761	18.44250	19.58393	5.86866	0.0307596	0.21095254	2.7947709	21	—	—
361920 2008 GM_{110}	16.1	X	284.08963	66.68297	134.41302	25.46653	0.1306365	0.20996234	2.8035509	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
361921 2008 GV_{112}	18.0	X	57.06804	83.03908	177.96810	22.88510	0.0264853	0.39489398	1.8399910	21	9 8.9	19.5
361922 2008 GL_{121}	15.9	X	307.61837	71.47545	35.49868	17.63393	0.1141910	0.19530144	2.9421564	21	12 9.4	19.7
361923 2008 GS_{126}	16.0	X	346.11696	260.34463	142.41263	10.51945	0.0254110	0.18941461	3.0028045	21	11 20.7	20.3
361924 2008 GW_{127}	16.1	X	220.36154	31.25368	118.36418	10.95123	0.0517994	0.18019140	3.1044167	21	10 22.3	20.8
361925 2008 GL_{132}	15.3	X	75.11444	244.37098	77.11787	12.24644	0.1942238	0.17791968	3.1307861	21	12 17.8	20.1
361926 2008 GU_{132}	15.8	X	60.63577	112.69596	181.11933	15.86288	0.0911665	0.17306065	3.1891173	21	10 18.1	20.3
361927 2008 GD_{133}	16.1	X	80.16170	117.29217	200.10733	15.53828	0.2190152	0.17782971	3.1318419	21	12 19.9	21.3
361928 2008 GC_{134}	15.8	X	358.26093	251.27998	126.80232	11.12869	0.0701190	0.17819967	3.1275058	21	11 7.9	20.0
361929 2008 GA_{135}	15.9	X	170.82324	152.03805	74.89173	14.76996	0.0772642	0.18602610	3.0391593	21	11 25.4	20.5
361930 2008 GR_{140}	16.7	X	175.31523	60.33468	157.00846	2.10545	0.0916719	0.18611026	3.0382430	21	11 17.5	21.4
361931 2008 GE_{146}	15.9	X	64.60206	209.97874	129.46491	12.50792	0.0663922	0.18367564	3.0650320	21	12 14.7	20.4
361932 2008 HK_{5}	16.6	X	131.67350	48.98726	212.74137	3.16686	0.2639497	0.18390092	3.0625283	21	12 1.6	22.1
361933 2008 HP_{7}	15.7	X	113.98712	170.06437	73.21574	18.56170	0.1678525	0.17734877	3.1375014	21	10 29.3	20.9
361934 2008 HD_{16}	16.7	X	160.01123	97.44910	200.14039	13.34889	0.2654048	0.19073255	2.9889559	21	—	—
361935 2008 HF_{18}	15.8	X	202.80662	120.66356	59.92700	21.12827	0.1512336	0.18636538	3.0354696	21	11 1.9	20.8
361936 2008 HO_{24}	16.3	X	286.56649	306.81628	150.05387	12.16490	0.0951783	0.18581762	3.0414321	21	11 2.5	20.5
361937 2008 HJ_{27}	16.2	X	326.51732	213.12071	197.82691	10.25947	0.0487398	0.18379017	3.0637585	21	11 1.7	20.3
361938 2008 HS_{33}	16.0	X	203.29336	68.04649	60.43565	26.22405	0.2262899	0.17759848	3.1345598	21	9 5.6	21.8
361939 2008 HY_{38}	17.1	X	207.32920	243.90021	4.67945	6.00701	0.0484726	0.20310660	2.8662893	21	—	—
361940 2008 HF_{44}	16.3	X	104.80488	112.79902	149.17510	14.31833	0.1585218	0.17612321	3.1520396	21	11 8.0	21.5
361941 2008 HK_{50}	16.0	X	108.75504	17.67100	212.06129	8.69682	0.0137613	0.17230226	3.1984685	21	9 12.6	20.7
361942 2008 HC_{52}	16.9	X	202.50205	31.50050	159.05254	4.15015	0.0623148	0.18671816	3.0316450	21	11 16.6	21.4
361943 2008 HW_{52}	16.1	X	81.40379	96.35605	204.58985	15.52539	0.0198809	0.18286497	3.0740838	21	11 11.7	20.5
361944 2008 HL_{53}	15.9	X	159.72870	73.92890	121.06467	10.55851	0.0230757	0.17624279	3.1506136	21	10 9.1	20.6
361945 2008 HO_{57}	15.9	X	53.92483	147.26564	179.68478	16.09356	0.2370323	0.17633781	3.1494817	21	12 8.8	20.7
361946 2008 HV_{58}	16.1	X	74.07227	238.47426	52.38709	12.17147	0.0617709	0.17833989	3.1258662	21	10 27.8	20.5
361947 2008 HE_{62}	16.6	X	189.57980	300.44888	210.31208	15.26836	0.1684085	0.17556196	3.1587537	21	9 4.8	22.0
361948 2008 HK_{62}	16.0	X	112.79032	81.43868	210.14223	12.36503	0.2234943	0.18089372	3.0963762	21	12 18.7	21.4
361949 2008 HM_{62}	16.1	X	169.95750	89.79649	121.79192	13.24336	0.0409224	0.18130047	3.0917433	21	11 10.4	20.9
361950 2008 HD_{64}	16.0	X	18.01025	169.25272	182.10531	9.48505	0.0756256	0.17817686	3.1277727	21	10 31.3	20.2
361951 2008 JO_{2}	16.2	X	51.12117	214.19210	125.64054	11.72102	0.0630078	0.18793804	3.0185121	21	11 30.5	20.6
361952 2008 JM_{5}	16.5	X	153.13226	133.60613	215.93785	5.36146	0.0247362	0.21263461	2.7800125	21	1 6.8	20.4
361953 2008 JY_{5}	15.9	X	154.85074	206.88126	60.56807	9.69625	0.2960519	0.18553222	3.0445503	21	12 22.8	21.4
361954 2008 JV_{6}	16.1	X	101.79302	66.86566	209.80490	10.19137	0.0508747	0.17981275	3.1087734	21	11 9.0	20.6
361955 2008 JB_{9}	15.5	X	26.55383	276.47395	66.04590	13.54105	0.0317955	0.17768300	3.1335656	21	10 29.4	19.9
361956 2008 JW_{12}	16.2	X	162.87958	149.57505	124.86968	9.58186	0.0693771	0.19063976	2.9899257	21	—	—
361957 2008 JC_{15}	15.3	X	96.11506	144.66218	124.71748	27.75860	0.1785122	0.17638805	3.1488836	21	11 16.3	20.8
361958 2008 JR_{17}	16.2	X	111.04777	104.50694	183.67639	13.61817	0.2440968	0.18047768	3.1011329	21	12 15.4	21.7
361959 2008 JT_{17}	15.8	X	77.52457	161.07273	125.93897	12.04931	0.0629951	0.17656111	3.1468256	21	10 29.9	20.5
361960 2008 JC_{18}	16.3	X	130.29051	144.17591	86.77564	12.23834	0.0397035	0.17620026	3.1511205	21	10 20.8	21.1
361961 2008 JK_{18}	15.8	X	132.95991	117.33903	205.63511	11.49197	0.0746184	0.19298600	2.9656429	21	—	—
361962 2008 JY_{21}	16.1	X	75.09790	112.61418	190.13623	12.18853	0.1676622	0.17713650	3.1400075	21	11 24.7	20.9
361963 2008 JZ_{21}	16.7	X	190.07670	152.66044	146.45193	10.03901	0.0785515	0.20371899	2.8605423	21	—	—
361964 2008 JC_{30}	16.4	X	131.34328	70.14063	206.78383	7.50756	0.0570863	0.18495448	3.0508871	21	12 12.2	21.0
361965 2008 JC_{31}	15.8	X	144.96269	143.35270	95.69488	10.81386	0.0428453	0.18120450	3.0928349	21	11 13.9	20.4
361966 2008 JE_{32}	15.6	X	134.96399	181.28895	73.52162	11.50861	0.0754515	0.18092977	3.0959649	21	11 21.1	20.4
361967 2008 JG_{33}	15.8	X	151.28210	96.98151	175.78633	15.96774	0.1233926	0.18632863	3.0358688	21	12 27.5	20.9
361968 2008 JN_{36}	15.7	X	281.35744	323.53067	130.11743	11.08392	0.0241671	0.17873227	3.1212896	21	10 30.9	20.2
361969 2008 JF_{37}	16.0	X	123.19915	12.09328	213.93786	14.14377	0.0565180	0.17255780	3.1953098	21	9 29.6	20.9
361970 2008 JV_{37}	16.4	X	109.21634	75.28098	210.63588	8.74834	0.0385036	0.18132841	3.0914257	21	11 27.4	20.9
361971 2008 KY_{1}	17.9	X	186.94657	29.66359	75.27437	20.60060	0.0508583	0.38691069	1.8652150	21	7 20.2	20.1
361972 2008 KE_{7}	15.8	X	83.04276	179.40640	128.98272	12.51969	0.0719859	0.17934347	3.1141941	21	11 30.2	20.5
361973 2008 KC_{11}	16.5	X	148.18162	157.60502	115.78039	4.85639	0.1378294	0.18802344	3.0175980	21	12 25.9	21.3
361974 2008 KM_{12}	15.7	X	70.46836	253.07889	58.80614	11.00545	0.0987058	0.17821559	3.1273195	21	11 20.6	20.2
361975 2008 KP_{15}	16.0	X	110.23410	125.76608	134.48568	11.45955	0.1304639	0.17673247	3.1447912	21	11 8.7	21.1
361976 2008 KO_{16}	16.2	X	282.10029	339.45709	149.47883	10.62289	0.0476590	0.18692034	3.0294585	21	12 9.7	20.5
361977 2008 KS_{16}	16.1	X	163.25105	150.21738	134.04836	10.79382	0.0924870	0.19160091	2.9799181	21	—	—
361978 2008 KO_{19}	16.1	X	111.43810	65.38133	212.73674	10.79769	0.1042397	0.18079052	3.0975545	21	11 25.9	20.9
361979 2008 KB_{31}	15.9	X	5.95024	329.78826	92.51579	17.73526	0.1119419	0.18992765	2.9973946	21	—	—
361980 2008 KA_{39}	15.9	X	168.66206	142.84407	138.29626	12.18454	0.0647435	0.19203318	2.9754446	21	—	—
361981 2008 KL_{42}	15.9	X	170.85646	119.74440	152.53737	15.88847	0.1418173	0.19000986	2.9965300	21	—	—
361982 2008 LD_{6}	16.2	X	92.79582	205.67012	74.28807	10.64794	0.0898729	0.17758615	3.1347048	21	11 8.6	20.9
361983 2008 LR_{11}	16.1	X	96.19876	202.88779	103.86225	12.53211	0.0850706	0.18188682	3.0850952	21	12 12.6	20.7
361984 2008 LK_{12}	18.1	X	331.73574	89.02475	198.04848	21.36468	0.0669249	0.37687265	1.8981898	21	5 16.2	19.9
361985 2008 LW_{13}	16.4	X	147.19872	69.86298	162.44280	10.35014	0.1742772	0.17922283	3.1155914	21	11 10.1	21.7
361986 2008 LR_{14}	16.1	X	22.54869	189.86764	157.51484	9.70011	0.0914428	0.17445400	3.1721138	21	11 4.1	20.4
361987 2008 MB	16.0	X	100.56277	165.67896	137.07905	12.64675	0.0423994	0.18331641	3.0690349	21	12 9.7	20.7
361988 2008 NA_{4}	15.4	X	105.78237	281.57906	15.23288	23.71887	0.2226473	0.17363997	3.1820201	21	12 15.4	21.1
361989 2008 QQ_{15}	16.6	X	165.50579	113.35218	177.93796	20.97761	0.3655555	0.18385087	3.0630841	21	—	—
361990 2008 RA_{25}	15.3	X	103.01697	62.69902	201.99883	14.18151	0.3747809	0.16857844	3.2453984	21	11 20.7	21.2
361991 2008 RY_{123}	15.7	X	2.46138	290.02728	287.91681	1.67547	0.1071601	0.12571006	3.9465961	21	4 18.3	20.6
361992 2008 SM_{89}	16.0	X	112.57167	163.37146	202.82885	9.94590	0.0471680	0.17838020	3.1253952	21	—	—
361993 2008 SS_{127}	18.1	X	194.89040	244.47236	303.56338	2.80774	0.0530254	0.30801083	2.1714944	21	11 23.4	20.6
361994 2008 SO_{204}	17.8	X	200.25075	80.19576	106.10284	4.20365	0.0799685	0.30690158	2.1767237	21	11 25.8	20.4
361995 2008 SQ_{226}	17.8	X	206.08955	31.89039	67.66421	6.22310	0.1262574	0.28842429	2.2687231	21	7 30.4	21.1
361996 2008 SP_{270}	18.0	X	15.54244	110.56735	264.15109	3.53278	0.0927610	0.31020246	2.1612544	21	12 26.6	20.2
361997 2008 SP_{302}	18.2	X	343.51078	265.88775	137.77726	3.20893	0.1488916	0.30859972	2.1687310	21	12 24.1	19.8
361998 2008 TS_{91}	17.8	X	264.59768	246.60105	181.33988	4.99575	0.1900928	0.29456490	2.2370827	21	8 14.8	20.4
361999 2008 TV_{96}	13.8	X	328.57655	166.84250	270.14847	6.15968	0.0982588	0.08199831	5.2472623	21	11 13.5	20.3
362000 2008 TR_{117}	18.2	X	212.08088	78.67863	12.78692	4.39885	0.1326004	0.28786086	2.2716825	21	7 25.2	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362001 2008 UO_{43}	18.3	X	329.33611	55.21817	12.72374	2.75907	0.0993512	0.31128978	2.1562187	21	12 30.0	20.2
362002 2008 UR_{112}	17.7	X	321.42978	90.09343	348.93406	3.56504	0.0301326	0.31073025	2.1588064	21	12 28.3	20.0
362003 2008 UA_{132}	18.9	X	336.07168	40.60258	23.68822	3.02755	0.0494759	0.31010127	2.1617246	21	12 30.9	21.1
362004 2008 UM_{144}	17.9	X	250.75169	239.61029	202.35066	2.32054	0.1536801	0.29291825	2.2454588	21	8 22.4	20.8
362005 2008 UV_{363}	16.8	X	178.53470	39.43301	68.30935	26.11389	0.2144067	0.28253400	2.3001469	21	7 8.8	20.9
362006 2008 UR_{369}	17.8	X	278.49942	112.36605	313.16967	3.89950	0.1249134	0.29434638	2.2381898	21	9 13.0	20.0
362007 2008 VQ_{18}	17.6	X	230.08365	34.48565	57.15850	7.00204	0.1504782	0.29070137	2.2568603	21	8 15.0	20.8
362008 2008 VZ_{55}	17.7	X	115.77853	291.92750	345.07922	3.19908	0.0295523	0.30895153	2.1670843	21	12 16.2	20.3
362009 2008 VY_{69}	18.6	X	312.64230	13.21175	59.05021	3.34922	0.0586857	0.30511563	2.1852095	21	12 2.9	20.5
362010 2008 VZ_{77}	18.2	X	228.80274	293.19096	208.55046	3.77668	0.0954663	0.29796416	2.2200360	21	10 27.7	20.8
362011 2008 WJ_{74}	17.8	X	194.76545	60.06672	60.38179	3.08925	0.1371404	0.28170995	2.3046303	21	8 14.5	21.1
362012 2008 WQ_{106}	17.6	X	280.05856	63.06897	32.22152	6.20952	0.0529926	0.30192391	2.2005828	21	11 12.4	19.7
362013 2008 WX_{120}	17.8	X	187.03088	182.68197	289.72773	4.64494	0.1094885	0.27917563	2.3185566	21	7 25.5	20.9
362014 2008 WB_{126}	17.9	X	179.21197	326.13857	125.31050	3.22167	0.1418145	0.27191814	2.3596301	21	6 18.9	21.4
362015 2008 WN_{126}	17.3	X	173.97298	53.50479	85.12543	7.70305	0.0741402	0.28522582	2.2856523	21	8 20.1	20.5
362016 2008 WB_{129}	17.4	X	251.45767	18.26562	60.73150	8.83329	0.1451327	0.28430938	2.2905613	21	8 25.7	20.5
362017 2008 WQ_{140}	17.7	X	283.82846	67.35544	9.24608	5.66288	0.0927678	0.29870923	2.2163429	21	10 15.7	19.7
362018 2008 YY_{12}	17.3	X	151.63780	35.95483	110.43992	11.16323	0.1631112	0.27508876	2.3414640	21	8 5.2	20.9
362019 2008 YA_{17}	17.7	X	174.65673	348.45020	109.44656	2.27877	0.1499515	0.27216010	2.3582314	21	6 22.9	21.4
362020 2008 YR_{18}	17.3	X	114.38352	278.53852	302.10854	6.25991	0.0632050	0.28280937	2.2986535	21	9 22.9	20.5
362021 2008 YY_{21}	16.9	X	27.95759	196.30025	121.30579	18.79108	0.1552455	0.28661245	2.2782743	21	11 7.6	19.9
362022 2008 YF_{22}	17.7	X	253.97268	282.97924	128.87019	2.47564	0.1317538	0.27993112	2.3143831	21	7 17.9	20.6
362023 2008 YD_{38}	17.0	X	197.22486	84.45852	100.26021	7.74518	0.0410319	0.29663542	2.2266607	21	11 23.7	19.7
362024 2008 YJ_{52}	17.4	X	102.80134	105.27553	90.44914	5.45317	0.1681817	0.27177186	2.3604767	21	8 21.9	20.8
362025 2008 YR_{62}	17.9	X	209.01172	257.49580	176.66790	2.39319	0.1743583	0.27644671	2.3337899	21	6 24.5	21.6
362026 2008 YE_{69}	16.1	X	343.20195	24.43430	63.98311	15.32149	0.1055441	0.22974545	2.6402078	21	—	—
362027 2008 YA_{73}	18.0	X	194.37788	143.66935	302.44869	5.00579	0.2069187	0.27706922	2.3302930	21	6 25.9	21.7
362028 2008 YT_{95}	18.2	X	279.20970	39.79251	18.01413	0.53113	0.0715467	0.28741156	2.2740494	21	9 12.5	20.8
362029 2008 YP_{99}	18.2	X	200.91725	161.82159	279.60042	1.41653	0.1790774	0.27591702	2.3367759	21	6 26.2	21.7
362030 2008 YH_{100}	18.3	X	142.97242	101.46988	8.35120	0.01243	0.1542830	0.26740423	2.3861104	21	6 6.9	21.7
362031 2008 YS_{121}	17.0	X	81.47439	339.19433	269.16978	5.17836	0.1332265	0.28279897	2.2987099	21	9 29.2	20.1
362032 2008 YK_{141}	17.6	X	280.51977	313.91607	96.44638	6.91499	0.0853394	0.28625831	2.2801529	21	9 4.4	20.2
362033 2008 YV_{143}	17.6	X	122.42870	294.16990	279.93480	4.54290	0.1804713	0.27989342	2.3145910	21	10 2.1	21.4
362034 2008 YD_{146}	17.3	X	152.35659	29.67474	126.69934	8.53697	0.1524161	0.27562101	2.3384486	21	8 18.8	20.8
362035 2008 YZ_{146}	17.7	X	192.20545	338.92018	205.59558	3.49235	0.1856551	0.29647700	2.2274539	21	11 1.4	21.1
362036 2008 YO_{160}	16.7	X	125.12445	224.56633	172.52927	14.58887	0.1117188	0.23809872	2.5780896	21	2 6.8	20.3
362037 2008 YX_{167}	17.9	X	206.43726	62.73874	21.71576	3.18911	0.2070686	0.27791480	2.3255638	21	7 4.6	21.8
362038 2009 AG_{2}	17.3	X	201.25260	21.08647	68.28360	7.45173	0.0757981	0.27536759	2.3398832	21	7 12.4	20.6
362039 2009 AB_{22}	17.3	X	232.88618	312.09354	116.53805	7.89722	0.0644335	0.27948599	2.3168399	21	7 23.8	20.3
362040 2009 AA_{26}	17.6	X	109.11529	115.22761	122.96277	6.82470	0.1252337	0.28480557	2.2879001	21	10 22.7	21.0
362041 2009 AR_{38}	17.6	X	93.76197	91.16976	136.13481	3.77643	0.0787493	0.27973357	2.3154726	21	9 11.9	20.6
362042 2009 BB_{4}	17.7	X	135.65973	321.41983	216.83633	6.05783	0.1254771	0.27724946	2.3292829	21	8 25.9	21.1
362043 2009 BE_{4}	17.4	X	171.42140	205.75164	259.32989	6.04467	0.2075959	0.27292629	2.3538158	21	6 30.0	21.2
362044 2009 BC_{5}	17.2	X	135.95142	109.30033	119.56468	7.30080	0.0532268	0.29209416	2.2496803	21	11 6.9	20.2
362045 2009 BE_{9}	17.7	X	177.93067	298.10940	140.52439	2.12901	0.2121950	0.27019276	2.3696648	21	6 2.3	21.6
362046 2009 BH_{9}	16.7	X	254.78100	327.04374	124.15944	25.83847	0.1965589	0.28898373	2.2657942	21	9 9.7	19.9
362047 2009 BG_{14}	16.7	X	130.55147	294.87679	263.24213	22.44829	0.3041922	0.28357193	2.2945308	21	9 15.2	21.3
362048 2009 BM_{16}	17.6	X	183.10323	265.59837	166.08593	2.37950	0.1814917	0.26707294	2.3880832	21	5 28.6	21.3
362049 2009 BK_{38}	17.3	X	105.34907	121.03781	115.71750	4.26097	0.2006923	0.27829156	2.3234644	21	10 20.8	20.9
362050 2009 BB_{39}	18.1	X	136.33523	108.58681	16.54932	1.66701	0.1331080	0.26602313	2.3943619	21	6 18.5	21.5
362051 2009 BJ_{39}	17.6	X	155.10480	153.59532	3.52736	2.51048	0.0748361	0.27569166	2.3380491	21	8 20.3	20.8
362052 2009 BW_{42}	18.0	X	160.89554	19.62026	101.26210	2.37479	0.1400055	0.27056409	2.3674961	21	7 9.5	21.5
362053 2009 BF_{43}	17.8	X	174.80757	76.20305	17.75501	1.30095	0.1795348	0.26961493	2.3730493	21	6 18.4	21.5
362054 2009 BH_{43}	17.7	X	134.05974	192.53843	330.58400	4.00569	0.0832973	0.27184336	2.3600628	21	8 3.5	21.0
362055 2009 BQ_{45}	17.6	X	115.14939	306.17294	246.27463	2.00520	0.0772561	0.27292325	2.3538332	21	8 18.8	20.7
362056 2009 BS_{46}	17.9	X	180.18813	247.12493	182.98330	2.37214	0.1881674	0.26596273	2.3947243	21	5 24.1	21.8
362057 2009 BF_{51}	17.3	X	211.30413	306.20174	134.80361	4.02503	0.2385153	0.27528740	2.3403375	21	7 2.5	21.2
362058 2009 BJ_{51}	17.1	X	97.21893	43.70871	135.34480	6.92167	0.0546265	0.26570203	2.3962905	21	7 4.1	20.2
362059 2009 BZ_{51}	17.7	X	63.82904	118.73000	96.13855	2.15365	0.1487772	0.26690201	2.3891027	21	7 23.6	20.4
362060 2009 BQ_{52}	17.6	X	80.78550	148.21147	7.86052	1.04705	0.1315795	0.25962306	2.4335515	21	5 20.9	20.4
362061 2009 BP_{53}	18.2	X	153.52742	72.89221	31.72145	1.76369	0.1450507	0.26686383	2.3893306	21	6 10.2	21.7
362062 2009 BS_{54}	18.0	X	158.10749	66.63884	37.61887	1.96453	0.1446307	0.26786937	2.3833474	21	6 14.5	21.7
362063 2009 BZ_{57}	17.0	X	120.55772	184.42466	313.76177	6.94164	0.1126066	0.26344483	2.4099587	21	6 15.8	20.3
362064 2009 BZ_{60}	17.6	X	173.00859	145.09213	316.11078	6.23498	0.1610967	0.27192681	2.3595800	21	6 26.4	21.2
362065 2009 BN_{62}	17.0	X	137.13185	12.99895	147.21228	5.91508	0.1648165	0.26972297	2.3724155	21	8 7.6	20.6
362066 2009 BP_{62}	17.7	X	146.82813	236.07360	273.05770	5.37136	0.1419455	0.27589102	2.3369226	21	7 31.8	21.2
362067 2009 BE_{63}	17.8	X	190.51621	113.26527	318.97507	7.69090	0.1886677	0.27096219	2.3651767	21	6 3.6	21.8
362068 2009 BT_{67}	17.3	X	116.19119	3.08484	138.19275	7.36211	0.1103371	0.26288539	2.4133765	21	6 15.1	20.6
362069 2009 BU_{71}	17.4	X	37.76866	305.62277	287.17386	1.40095	0.1645960	0.26293002	2.4131034	21	7 7.1	19.4
362070 2009 BY_{72}	17.3	X	179.34799	307.68315	127.62525	5.40478	0.1689058	0.26627122	2.3928744	21	5 30.3	21.1
362071 2009 BD_{76}	16.9	X	69.30195	310.98751	298.09885	9.26392	0.0684455	0.27607009	2.3359120	21	9 2.1	19.9
362072 2009 BX_{80}	17.4	X	52.66868	359.33873	156.21899	7.01872	0.0702851	0.25238363	2.4798682	21	3 30.0	20.1
362073 2009 BU_{85}	17.8	X	118.91161	346.46515	181.61414	0.95413	0.1281924	0.27024072	2.3693844	21	7 26.7	21.0
362074 2009 BJ_{88}	17.7	X	114.03628	105.96245	11.21652	1.58068	0.1359801	0.26002424	2.4310477	21	5 12.6	20.9
362075 2009 BE_{91}	18.0	X	170.59219	128.24504	306.76300	1.54219	0.1899198	0.26622221	2.3931680	21	5 20.9	21.8
362076 2009 BC_{94}	17.8	X	66.11229	42.98631	161.78230	1.92681	0.1271519	0.26421110	2.4052968	21	7 7.8	20.4
362077 2009 BF_{106}	17.4	X	178.01947	292.34654	144.14058	5.77600	0.0381534	0.26137011	2.4226952	21	5 27.8	20.6
362078 2009 BD_{111}	17.8	X	43.16523	124.62729	126.42238	4.49950	0.1645478	0.26587389	2.3952577	21	8 15.7	20.1
362079 2009 BG_{111}	17.1	X	111.21285	83.31966	106.06594	5.76731	0.1614249	0.26922072	2.3753652	21	8 21.4	20.6
362080 2009 BF_{123}	18.0	X	149.07340	234.15818	248.76015	1.33373	0.0695707	0.26707476	2.3880724	21	6 25.0	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362081 2009 BV_{123}	18.5	X	188.85820	256.96162	198.72456	1.02047	0.1457242	0.27156934	2.3616501	21	7 4.1	22.2
362082 2009 BN_{125}	17.1	X	268.70450	322.09406	103.75506	7.47364	0.1686472	0.28313406	2.2968959	21	8 24.5	19.8
362083 2009 BL_{127}	18.1	X	132.15446	342.54835	148.55121	1.75602	0.1208566	0.26571120	2.3962354	21	6 20.8	21.5
362084 2009 BW_{128}	17.4	X	203.51772	326.87342	66.63152	5.81913	0.1563271	0.26137572	2.4226605	21	4 29.5	21.1
362085 2009 BX_{128}	17.3	X	216.65890	15.34689	25.98235	7.05082	0.1580360	0.26634459	2.3924349	21	5 19.2	21.0
362086 2009 BY_{130}	17.5	X	206.49659	323.12211	90.84672	4.40129	0.1899300	0.26655866	2.3911539	21	5 26.9	21.2
362087 2009 BW_{138}	17.8	X	63.28000	46.40975	162.20666	1.35720	0.1223895	0.26556496	2.3971150	21	7 8.3	20.4
362088 2009 BP_{145}	17.9	X	215.30026	292.50326	105.20444	2.20108	0.1905674	0.26790572	2.3831318	21	5 13.9	21.8
362089 2009 BM_{148}	17.6	X	32.19900	17.97061	180.17639	4.51538	0.0371755	0.25529142	2.4610016	21	4 24.1	20.5
362090 2009 BH_{149}	18.0	X	164.44892	73.30012	49.18056	1.96426	0.1344580	0.27141602	2.3625394	21	7 15.6	21.4
362091 2009 BP_{159}	16.6	X	170.38979	1.99023	340.40449	11.83733	0.1830827	0.23707541	2.5855030	21	1 31.4	20.7
362092 2009 BT_{172}	17.2	X	130.92133	277.51850	189.44570	6.25076	0.1995521	0.26298390	2.4127738	21	5 26.9	20.8
362093 2009 BA_{180}	17.6	X	85.54247	130.60403	84.03535	2.21832	0.1330868	0.27441230	2.3453104	21	8 21.7	20.6
362094 2009 BA_{181}	17.7	X	129.31113	137.87921	36.57259	4.79018	0.1197808	0.27198793	2.3592265	21	8 18.1	21.1
362095 2009 BB_{182}	18.1	X	145.19643	256.56394	215.07978	1.62037	0.1557056	0.26554882	2.3972121	21	6 11.9	21.7
362096 2009 BG_{184}	17.3	X	280.56012	280.45340	116.44074	7.37804	0.1047592	0.27964067	2.3159855	21	8 8.7	19.8
362097 2009 BN_{185}	17.0	X	145.71752	352.11308	122.63375	5.88316	0.0834377	0.26527120	2.3988844	21	6 11.4	20.3
362098 2009 BS_{186}	17.6	X	219.36268	209.62916	194.31908	5.02014	0.2246428	0.27150973	2.3619958	21	5 24.2	21.6
362099 2009 BJ_{189}	17.4	X	56.91761	88.00602	150.89273	5.79495	0.1219296	0.26903913	2.3764339	21	8 12.1	20.1
362100 2009 BF_{190}	17.5	X	79.77927	80.65014	163.66095	6.42846	0.1166238	0.27275398	2.3548070	21	9 21.9	20.6
362101 2009 CK_{3}	17.7	X	215.71113	44.90094	4.70793	1.23015	0.1761445	0.27110155	2.3643661	21	5 29.3	21.3
362102 2009 CV_{20}	17.3	X	246.29440	284.65728	154.02302	5.77806	0.1262237	0.28226436	2.3016115	21	8 15.8	20.1
362103 2009 CO_{22}	17.7	X	79.81074	85.97390	148.49856	5.44708	0.2009167	0.27191399	2.3596541	21	9 20.5	20.9
362104 2009 CF_{23}	17.6	X	131.31672	17.24701	157.95126	6.46597	0.0701172	0.27424359	2.3462722	21	8 14.6	20.6
362105 2009 CK_{23}	18.2	X	44.09603	0.43958	208.74665	1.77846	0.1240409	0.26087600	2.4257533	21	6 6.3	20.5
362106 2009 CK_{25}	18.0	X	94.52244	179.87428	356.89090	4.31596	0.0512776	0.26525733	2.3989680	21	6 26.9	21.0
362107 2009 CQ_{25}	17.2	X	321.65349	25.00551	348.85774	5.40344	0.2040362	0.28386788	2.2929357	21	9 5.5	18.5
362108 2009 CD_{27}	17.3	X	214.69618	272.06816	125.58011	6.88283	0.1297765	0.26440013	2.4041502	21	5 17.4	21.0
362109 2009 CB_{32}	17.7	X	164.38436	281.16208	137.40435	4.32477	0.1652080	0.25784120	2.4447503	21	4 25.4	21.6
362110 2009 CG_{33}	17.7	X	69.29159	107.44870	138.18103	8.34053	0.0591639	0.27171077	2.3608305	21	8 31.8	20.6
362111 2009 CR_{39}	17.1	X	64.42106	86.59716	149.24197	6.32209	0.0603232	0.27048030	2.3679851	21	8 8.7	19.9
362112 2009 CT_{47}	16.7	X	69.87178	223.71232	355.73631	12.64437	0.1523731	0.26459008	2.4029995	21	8 13.4	19.8
362113 2009 CN_{56}	17.2	X	130.04060	336.04105	169.12846	7.13028	0.0439253	0.26516247	2.3995401	21	6 28.9	20.4
362114 2009 CZ_{56}	17.4	X	82.49397	172.05174	314.81285	2.41795	0.1371345	0.25456364	2.4656900	21	4 11.8	20.2
362115 2009 CV_{58}	17.7	X	53.44021	40.43736	190.71469	0.91523	0.1426575	0.26351721	2.4095174	21	7 29.3	20.3
362116 2009 CW_{58}	16.4	X	193.75636	119.62263	180.38243	22.25411	0.1244340	0.22546201	2.6735427	21	—	—
362117 2009 CE_{63}	17.6	X	77.98746	310.08932	239.52745	3.71134	0.1669374	0.26277838	2.4140317	21	7 9.9	20.5
362118 2009 CP_{63}	17.9	X	134.14357	255.27351	234.27129	1.50462	0.1547139	0.26509174	2.3999669	21	6 24.1	21.5
362119 2009 CP_{65}	18.0	X	211.36930	48.54755	34.22476	2.70926	0.1887448	0.27488301	2.3426322	21	7 7.9	21.6
362120 2009 DV_{2}	17.1	X	41.23985	325.93799	332.20337	6.74461	0.1158064	0.27964117	2.3159827	21	10 10.8	19.9
362121 2009 DY_{6}	17.0	X	173.44996	272.50691	209.24788	3.20198	0.1325151	0.27097535	2.3651001	21	7 22.6	20.6
362122 2009 DD_{12}	17.9	X	166.17841	343.95195	129.01379	1.88852	0.1393908	0.27003179	2.3706064	21	7 4.2	21.6
362123 2009 DG_{13}	17.2	X	55.88527	59.96411	176.35010	7.63432	0.1753972	0.26249706	2.4157561	21	8 14.2	19.9
362124 2009 DJ_{13}	16.8	X	58.96346	117.09829	342.66393	11.78139	0.1600817	0.24023725	2.5627672	21	2 1.7	19.4
362125 2009 DU_{15}	17.5	X	192.37360	150.33804	323.84383	3.35211	0.0410197	0.27377158	2.3489682	21	8 6.6	20.4
362126 2009 DJ_{23}	17.1	X	115.31844	332.32384	149.90830	6.19136	0.0287629	0.25623177	2.4549769	21	5 8.3	20.3
362127 2009 DM_{25}	17.6	X	13.50152	141.62544	106.81790	2.28110	0.1558780	0.25956095	2.4339397	21	6 8.7	19.5
362128 2009 DC_{29}	17.7	X	161.37054	309.77569	156.27502	2.96093	0.1839844	0.26586481	2.3953123	21	6 21.9	21.5
362129 2009 DL_{32}	17.6	X	54.52184	73.41438	128.36580	2.29508	0.1331016	0.25609641	2.4558418	21	6 15.5	20.1
362130 2009 DO_{40}	17.6	X	67.56146	107.02222	119.94597	2.02790	0.1444051	0.26702868	2.3883471	21	8 15.3	20.3
362131 2009 DW_{42}	18.0	X	146.92311	83.12479	7.27184	4.97286	0.1955956	0.26450834	2.4034945	21	5 18.3	21.7
362132 2009 DM_{47}	17.8	X	130.74783	158.70623	340.18997	2.39244	0.1599186	0.26524674	2.3990319	21	7 3.8	21.4
362133 2009 DT_{60}	17.4	X	202.40532	285.46266	112.06542	5.50511	0.0758239	0.25641985	2.4537762	21	5 5.8	21.0
362134 2009 DW_{63}	16.9	X	251.30621	324.58971	118.37999	6.77818	0.1656790	0.27947325	2.3169103	21	8 24.5	19.8
362135 2009 DA_{70}	17.2	X	45.58879	17.20413	252.89496	1.70548	0.1611468	0.27026303	2.3692540	21	9 15.5	19.7
362136 2009 DC_{80}	16.9	X	274.49184	209.70589	115.37104	2.82417	0.1764040	0.25280158	2.4771342	21	4 11.4	20.4
362137 2009 DZ_{80}	17.4	X	40.20914	55.20610	206.02880	2.10248	0.1719336	0.26376011	2.4080378	21	8 25.6	19.8
362138 2009 DY_{81}	16.4	X	203.87171	260.23726	103.98903	4.11690	0.1767643	0.24599631	2.5226112	21	3 25.9	20.6
362139 2009 DD_{83}	17.5	X	74.92236	128.47916	38.52779	3.76039	0.1319398	0.25400608	2.4692969	21	5 27.8	20.3
362140 2009 DH_{84}	17.0	X	280.22225	210.76393	140.38521	5.36300	0.0841433	0.26205545	2.4184693	21	6 5.4	20.0
362141 2009 DH_{85}	18.2	X	174.32581	346.46338	136.77552	2.90470	0.0444377	0.27162260	2.3613414	21	7 26.2	21.1
362142 2009 DU_{87}	16.5	X	314.32980	97.16176	149.35432	15.37475	0.0834263	0.24224578	2.5485818	21	3 2.9	19.7
362143 2009 DL_{93}	17.3	X	64.19252	136.67594	64.86433	3.73320	0.1209738	0.25835739	2.4414929	21	6 29.2	20.0
362144 2009 DS_{97}	17.3	X	168.27132	55.47319	19.99670	5.27954	0.2012525	0.26171970	2.4205373	21	5 19.3	21.2
362145 2009 DV_{97}	17.5	X	19.55019	161.81981	101.90555	1.61450	0.2259359	0.26005426	2.4308607	21	7 26.7	19.0
362146 2009 DH_{99}	17.5	X	130.77561	75.91855	70.10574	2.90329	0.1171637	0.26447474	2.4036981	21	7 9.5	20.8
362147 2009 DF_{109}	16.8	X	20.26667	142.42644	122.01607	10.27559	0.0905382	0.26580388	2.3956783	21	7 13.9	19.3
362148 2009 DS_{111}	16.9	X	315.46770	159.94107	168.49416	8.91548	0.2201006	0.26134315	2.4228617	21	6 4.2	19.6
362149 2009 DF_{119}	16.7	X	292.74590	154.16348	161.32917	6.24422	0.1535165	0.25814358	2.4428408	21	4 23.9	19.9
362150 2009 DD_{120}	17.9	X	38.18073	254.07995	315.05793	0.77755	0.1273895	0.25514705	2.4619299	21	5 26.3	20.1
362151 2009 DD_{121}	17.6	X	55.39310	82.94688	175.21343	6.37275	0.1181448	0.26829643	2.3808176	21	9 6.1	20.3
362152 2009 DZ_{123}	17.2	X	188.87888	259.92646	184.75331	10.18217	0.1921493	0.26886843	2.3774397	21	6 19.3	21.3
362153 2009 DT_{124}	17.2	X	143.41278	25.96726	359.02054	7.32697	0.0274296	0.23847729	2.5753605	21	2 6.7	20.6
362154 2009 DN_{127}	17.0	X	313.29322	261.32032	58.46681	3.29587	0.2016811	0.25682396	2.4512016	21	5 20.3	19.6
362155 2009 DO_{127}	16.6	X	261.84671	214.60035	139.43181	5.75936	0.2139858	0.25587275	2.4572727	21	5 2.1	20.4
362156 2009 DJ_{133}	17.0	X	343.14820	255.00327	10.54095	7.68102	0.1393078	0.25237434	2.4799291	21	4 30.9	19.6
362157 2009 DK_{134}	17.0	X	219.44678	328.78951	23.21409	2.63342	0.1157301	0.24549774	2.5260254	21	3 24.6	20.9
362158 2009 DE_{135}	17.7	X	295.25925	24.06700	277.04070	0.95654	0.0291036	0.25355583	2.4722192	21	4 25.0	20.9
362159 2009 DL_{136}	16.8	X	290.92994	144.86086	113.62233	14.76571	0.2256653	0.23000717	2.6382046	21	1 31.9	20.8
362160 2009 DN_{141}	17.5	X	51.69330	198.15988	70.75889	2.21335	0.1722856	0.26977467	2.3721125	21	9 27.2	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362161 2009 DZ_{141}	17.2	X	113.02357	120.92222	25.72405	5.40255	0.1601903	0.26164164	2.4210187	21	6 24.4	20.7
362162 2009 EL_{1}	16.3	X	50.11033	164.56725	77.51382	40.78248	0.2597383	0.25929103	2.4356285	21	9 28.3	20.6
362163 2009 EZ_{4}	17.6	X	91.71258	119.45325	47.47122	2.09942	0.1206604	0.25911807	2.4367123	21	6 19.8	20.6
362164 2009 EA_{8}	17.6	X	72.71337	122.87679	113.78429	5.60728	0.1907942	0.26757631	2.3850873	21	9 14.5	20.7
362165 2009 EG_{12}	17.3	X	63.72913	131.42479	69.68255	6.45017	0.0901143	0.26020418	2.4299268	21	6 22.4	20.1
362166 2009 EW_{17}	17.5	X	49.68391	75.84857	192.21565	4.57383	0.1761543	0.26883864	2.3776153	21	9 21.7	20.3
362167 2009 EA_{23}	17.6	X	342.33162	51.99684	187.07110	3.82144	0.1578541	0.24579955	2.5239573	21	3 21.7	20.2
362168 2009 EE_{23}	17.6	X	50.75243	197.49064	18.54753	2.55142	0.1493709	0.25847124	2.4407759	21	7 3.4	20.2
362169 2009 FU_{3}	17.6	X	111.07500	73.05436	105.49762	3.34752	0.1411401	0.26480397	2.4017053	21	8 3.0	21.0
362170 2009 FK_{11}	18.1	X	143.97363	227.96935	224.15710	2.19630	0.1510991	0.25900520	2.4374201	21	5 15.6	21.8
362171 2009 FR_{12}	17.5	X	341.64860	289.05809	359.65356	5.31010	0.2003630	0.25608021	2.4559454	21	5 26.9	19.6
362172 2009 FD_{15}	17.7	X	58.75492	81.87798	173.37457	2.96496	0.1765467	0.26891171	2.3771846	21	9 17.3	20.5
362173 2009 FX_{20}	17.6	X	102.85432	319.56139	178.66367	2.50628	0.1386801	0.25594927	2.4567829	21	5 28.9	20.7
362174 2009 FY_{20}	17.2	X	345.38948	222.77548	354.06270	3.31771	0.1077834	0.24389766	2.5370613	21	3 3.5	20.1
362175 2009 FB_{21}	17.5	X	43.03127	258.93026	317.89875	1.64424	0.1460386	0.25602607	2.4562916	21	6 19.4	19.9
362176 2009 FP_{21}	17.1	X	343.06811	167.63921	121.43069	5.51672	0.1347454	0.25666805	2.4521941	21	6 9.8	19.5
362177 Anji	17.8	X	41.59298	219.28361	25.29625	1.58882	0.1451534	0.26052038	2.4279603	21	7 30.4	20.2
362178 2009 FV_{31}	17.7	X	104.95052	67.22046	9.97601	6.02607	0.1532649	0.24363869	2.5388588	21	3 13.7	20.9
362179 2009 FM_{33}	17.5	X	87.68458	31.22728	159.20140	5.16821	0.0460242	0.26455896	2.4031879	21	7 5.2	20.4
362180 2009 FD_{34}	17.5	X	95.22757	161.40590	55.37230	1.92431	0.1364387	0.26882806	2.3776777	21	9 5.8	20.6
362181 2009 FN_{51}	17.3	X	13.14383	98.16542	171.91598	7.54453	0.0772629	0.26234846	2.4166683	21	7 7.9	20.0
362182 2009 FV_{61}	17.6	X	347.54564	22.19927	177.93459	7.92423	0.1339225	0.23997823	2.5646109	21	2 6.9	20.6
362183 2009 FM_{62}	17.5	X	77.05248	316.73780	214.47346	4.75122	0.1390464	0.25463048	2.4652585	21	6 8.2	20.4
362184 2009 FZ_{64}	16.4	X	246.11865	317.67397	19.66591	17.05515	0.2833879	0.23903070	2.5713839	21	3 26.0	21.0
362185 2009 FR_{66}	17.2	X	91.27734	264.56796	172.37957	8.57354	0.1396525	0.23947481	2.5682038	21	2 18.0	20.2
362186 2009 FF_{67}	17.6	X	64.06393	12.94674	167.05110	1.39972	0.1803960	0.25350914	2.4725228	21	6 7.4	20.1
362187 2009 FO_{70}	16.6	X	213.75766	321.01087	15.22584	14.34515	0.0190257	0.24140703	2.5544816	21	3 5.4	20.2
362188 2009 FP_{72}	16.7	X	51.73232	94.32419	73.39928	3.39428	0.0373074	0.24482003	2.5306850	21	4 12.4	19.8
362189 2009 FT_{72}	17.5	X	233.09135	95.90113	181.36148	6.93358	0.2961790	0.22100783	2.7093448	21	1 4.5	22.6
362190 2009 FT_{75}	17.3	X	275.55504	100.77388	181.82695	4.28594	0.2319250	0.23326147	2.6136096	21	2 12.6	21.6
362191 2009 FJ_{77}	17.5	X	38.57744	302.84077	322.56334	2.77948	0.1053368	0.26532875	2.3985375	21	8 19.0	20.0
362192 2009 FM_{77}	16.5	X	355.55634	188.17901	22.72847	4.26961	0.0243897	0.24030031	2.5623188	21	3 21.0	19.6
362193 2009 GK_{1}	16.4	X	320.54785	17.82636	224.02211	14.29590	0.0931449	0.23538173	2.5978907	21	2 25.9	20.0
362194 2009 HY_{3}	17.5	X	67.62492	127.19568	54.18078	9.53494	0.1534874	0.25469367	2.4648507	21	6 9.5	20.3
362195 2009 HQ_{6}	16.7	X	22.02049	92.78639	105.66772	6.42241	0.0597219	0.24443846	2.5333179	21	4 13.0	19.7
362196 2009 HE_{9}	16.2	X	157.69791	190.75218	143.39489	11.42779	0.2708316	0.21561899	2.7543009	21	1 17.1	20.8
362197 2009 HD_{15}	17.4	X	31.47246	76.35895	154.92092	6.42818	0.0629934	0.25623780	2.4549383	21	6 11.7	20.3
362198 2009 HC_{18}	17.0	X	20.33880	54.76082	212.38447	11.57077	0.1506727	0.25694642	2.4504226	21	7 20.3	19.6
362199 2009 HU_{18}	16.5	X	341.77142	8.44902	208.99540	18.39169	0.1538372	0.23703465	2.5857993	21	2 14.9	20.1
362200 2009 HX_{21}	16.8	X	287.00028	220.37888	37.43710	27.82481	0.2809673	0.23190079	2.6238232	21	1 30.1	21.7
362201 2009 HV_{27}	17.1	X	339.61557	10.17975	206.83914	7.78548	0.1328818	0.23878791	2.5731266	21	2 16.8	20.2
362202 2009 HW_{28}	17.2	X	341.28025	177.90264	67.75342	5.34828	0.2419868	0.24086904	2.5582839	21	3 20.2	19.8
362203 2009 HJ_{31}	16.8	X	91.76215	345.59478	115.68535	6.11897	0.1337031	0.24151468	2.5537224	21	3 26.9	20.0
362204 2009 HN_{31}	16.5	X	117.10843	253.77517	121.52506	6.91064	0.0528729	0.22392371	2.6857731	21	—	—
362205 2009 HB_{34}	17.3	X	266.60963	36.38551	194.23441	6.43772	0.0829507	0.22499178	2.6772666	21	—	—
362206 2009 HZ_{42}	17.8	X	17.38316	121.03948	45.92134	12.54157	0.2029205	0.23940004	2.5687386	21	2 16.4	20.4
362207 2009 HB_{43}	17.1	X	24.88575	146.31932	45.17127	12.54061	0.1187925	0.24426823	2.5344947	21	4 9.2	19.7
362208 2009 HQ_{44}	16.7	X	144.63987	281.96233	152.41696	11.77936	0.0929775	0.24221553	2.5487940	21	4 22.4	20.5
362209 2009 HG_{48}	16.6	X	86.88000	311.51556	167.02227	13.83052	0.0240654	0.23940541	2.5687001	21	3 25.6	19.9
362210 2009 HS_{48}	16.8	X	297.97932	94.57607	183.95375	14.14117	0.1404895	0.23911064	2.5708108	21	3 13.2	20.3
362211 2009 HK_{51}	16.6	X	269.45564	235.74013	57.78582	13.82797	0.1738793	0.23569332	2.5956006	21	3 5.6	20.8
362212 2009 HL_{59}	16.8	X	335.82934	133.60309	88.48131	5.40814	0.2197679	0.23782963	2.5800339	21	2 8.9	19.8
362213 2009 HK_{62}	15.9	X	310.43001	334.71805	227.08073	13.36984	0.1003575	0.22630487	2.6669003	21	—	—
362214 2009 HL_{65}	16.9	X	341.06099	170.49857	72.06348	9.91321	0.0812138	0.24202461	2.5501342	21	4 10.1	20.0
362215 2009 HH_{66}	16.5	X	323.58978	1.43263	166.00875	14.21771	0.1793488	0.22437724	2.6821528	21	—	—
362216 2009 HL_{66}	16.8	X	349.68856	323.04544	170.28605	14.29818	0.1288066	0.22216818	2.6999029	21	—	—
362217 2009 HB_{73}	16.9	X	353.85639	108.82424	93.48543	9.45385	0.1112465	0.23789789	2.5795404	21	3 1.9	20.0
362218 2009 HJ_{73}	16.4	X	13.64182	50.32483	129.66799	12.81081	0.2282834	0.23839260	2.5759704	21	2 20.2	18.5
362219 2009 HP_{75}	16.7	X	9.05857	93.31631	128.87022	5.79666	0.1508062	0.24515728	2.5283636	21	4 22.0	19.1
362220 2009 HV_{78}	16.8	X	142.25023	315.59502	114.11091	6.77139	0.0183049	0.24598296	2.5227025	21	4 3.6	20.2
362221 2009 HW_{78}	16.4	X	1.98584	244.97606	36.38784	14.97877	0.1305910	0.25778503	2.4451054	21	7 8.4	19.1
362222 2009 HD_{79}	17.1	X	28.63325	334.51865	216.20374	12.19529	0.1040436	0.24312260	2.5424504	21	4 8.8	19.8
362223 2009 HD_{86}	17.6	X	298.70979	85.19807	176.69346	7.23344	0.1707191	0.23689829	2.5867915	21	2 16.7	21.2
362224 2009 HH_{88}	16.5	X	323.80809	170.22142	36.68616	14.42806	0.1843471	0.23237700	2.6202373	21	1 10.6	20.3
362225 2009 HG_{90}	17.0	X	298.18859	30.95590	214.13234	13.96855	0.1522294	0.23430515	2.6058425	21	1 25.9	21.1
362226 2009 HP_{93}	16.4	X	46.04993	278.54607	179.68196	12.77021	0.1596273	0.22621509	2.6676059	21	1 4.8	19.4
362227 2009 HW_{93}	16.8	X	313.74615	61.30930	115.62018	11.33911	0.1318419	0.22271489	2.6954827	21	—	—
362228 2009 HQ_{96}	16.5	X	320.35409	120.82852	76.92401	14.28530	0.1334646	0.22929481	2.6436659	21	—	—
362229 2009 HU_{97}	17.1	X	290.53480	206.00625	56.44963	6.00722	0.2502673	0.23217489	2.6217577	21	2 3.5	21.3
362230 2009 HD_{98}	16.7	X	262.68715	240.28402	67.78141	15.26800	0.2218837	0.23281785	2.6169285	21	3 14.0	21.2
362231 2009 HT_{102}	17.0	X	277.83538	76.78211	104.42629	13.87131	0.1940720	0.21692905	2.7432006	21	—	—
362232 2009 JL	16.5	X	272.47769	232.23922	53.60929	13.47707	0.2343588	0.23202259	2.6229048	21	2 21.1	21.0
362233 2009 JX_{1}	16.5	X	255.29955	170.25330	137.71756	11.77583	0.2486228	0.23068304	2.6330490	21	2 27.1	20.9
362234 2009 JM_{5}	16.6	X	191.87670	119.28613	205.77591	7.45263	0.0457041	0.22522729	2.6753999	21	1 20.3	20.5
362235 2009 JN_{7}	17.0	X	229.93011	244.83236	67.24559	3.77672	0.1007388	0.22947675	2.6422683	21	2 17.3	21.0
362236 2009 KO_{1}	16.3	X	260.96563	192.42855	67.80808	14.05747	0.1348430	0.22584804	2.6704954	21	1 14.4	20.6
362237 2009 KP_{1}	16.6	X	271.24990	249.95776	65.31873	11.88437	0.2416326	0.23567136	2.5957618	21	3 26.4	20.9
362238 Shisseh	16.4	X	319.63314	77.94200	191.63462	12.66615	0.1680161	0.23953362	2.5677835	21	3 26.9	19.7
362239 2009 KS_{4}	16.2	X	24.83511	304.49302	217.59450	12.21971	0.1253739	0.23598909	2.5934314	21	2 17.2	19.2
362240 2009 KD_{6}	16.9	X	295.47731	107.81704	117.15426	12.59706	0.1279132	0.22819080	2.6521859	21	1 6.4	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362241 2009 KO_7	16.9	X	330.31566	164.19888	78.60239	13.95599	0.2242642	0.23744384	2.5828278	21	3 5.8	20.3
362242 2009 KB_8	16.4	X	289.83675	131.44486	145.85221	11.68185	0.1749809	0.23267643	2.6179888	21	2 28.4	20.1
362243 2009 KF_9	17.2	X	312.88146	222.42782	97.37472	1.88302	0.2748237	0.24464916	2.5318631	21	5 8.3	20.0
362244 2009 KZ_{10}	16.7	X	354.45829	37.65359	120.47551	13.73753	0.0956879	0.22708554	2.6607847	21	1 2.8	20.0
362245 2009 KD_{15}	17.0	X	315.81345	172.93120	77.96509	6.06820	0.1815227	0.23479869	2.6021896	21	2 26.7	20.4
362246 2009 KY_{16}	17.3	X	351.26922	42.83161	169.48419	3.96243	0.1318571	0.23807342	2.5782723	21	3 4.3	20.2
362247 2009 KO_{17}	16.5	X	47.43232	73.36173	66.38040	12.69170	0.0627681	0.23596113	2.5936363	21	3 7.9	19.9
362248 2009 KV_{23}	17.2	X	24.50881	12.00539	166.90934	6.84143	0.1988804	0.24041676	2.5614913	21	3 17.0	19.0
362249 2009 KJ_{24}	16.5	X	75.68020	240.60255	199.43475	21.45840	0.0473901	0.22625757	2.6672720	21	1 17.7	20.4
362250 2009 KN_{24}	16.6	X	256.45021	132.61914	137.23929	12.32723	0.1693303	0.22596573	2.6695680	21	1 17.8	20.9
362251 2009 KJ_{26}	16.7	X	348.09374	154.00664	81.79208	8.08149	0.1009874	0.23999501	2.5644914	21	4 9.3	19.7
362252 2009 LV	16.1	X	201.33508	220.83829	68.06946	14.12239	0.1872459	0.21562397	2.7542584	21	—	—
362253 2009 LW	16.4	X	282.75769	274.82007	68.09446	6.76638	0.3050388	0.24157224	2.5533168	21	4 28.9	20.2
362254 2009 LG_5	16.4	X	188.14726	198.35577	128.17072	12.14852	0.2007453	0.21147851	2.7901350	21	1 29.5	21.0
362255 2009 LF_6	16.3	X	275.39405	175.74672	111.31091	14.94684	0.2322335	0.22558224	2.6725927	21	2 23.0	20.7
362256 2009 MT_1	16.9	X	267.45463	11.93191	232.30995	8.37989	0.1428644	0.22459293	2.6804353	21	—	—
362257 2009 MX_9	15.9	X	90.36514	175.85286	138.65987	10.05283	0.1278435	0.18482351	3.0523283	21	12 19.9	20.7
362258 2009 NT_1	16.3	X	319.75304	136.38417	223.17787	10.41307	0.2536832	0.24570683	2.5245922	21	7 21.5	18.8
362259 2009 NV_1	15.8	X	265.92856	68.06913	11.36212	10.13029	0.0632801	0.17709384	3.1405117	21	9 15.7	20.1
362260 2009 OE_3	16.7	X	280.97784	151.37759	128.22425	13.99309	0.2513666	0.22561217	2.6723564	21	2 15.2	20.9
362261 2009 OG_4	15.6	X	71.93150	65.49854	227.54233	10.50046	0.0596937	0.17681588	3.1438021	21	10 24.1	20.0
362262 2009 ON_5	16.9	X	243.13475	106.25561	177.21973	9.23462	0.2390161	0.21653406	2.7465356	21	1 19.6	21.8
362263 2009 OZ_{10}	15.9	X	86.48477	29.58430	274.79391	8.16408	0.1457794	0.18226732	3.0808001	21	12 4.8	20.6
362264 2009 OP_{25}	16.3	X	91.57705	98.21489	206.72898	9.41358	0.0953650	0.18345870	3.0674478	21	12 6.4	20.9
362265 2009 PT_4	15.3	X	101.34571	285.15500	320.63106	11.28579	0.0392392	0.16977984	3.2300702	21	9 24.0	20.1
362266 2009 PN_5	15.3	X	112.75940	5.73158	265.56095	13.03438	0.0223005	0.17959574	3.1112772	21	11 9.6	19.9
362267 2009 PO_5	15.7	X	52.86431	90.55759	237.29282	9.74632	0.1063475	0.17807148	3.1290065	21	11 19.8	20.1
362268 2009 PT_{12}	15.8	X	87.69837	321.89433	342.78913	8.79529	0.2174243	0.17943416	3.1131446	21	12 12.2	20.9
362269 2009 PV_{18}	16.0	X	57.22940	320.75083	13.65613	4.81932	0.1346805	0.17703282	3.1412333	21	12 5.9	20.5
362270 2009 PH_{19}	15.9	X	87.55521	119.67896	180.12753	9.44679	0.0834760	0.17487995	3.1669609	21	11 24.5	20.6
362271 2009 PY_{20}	15.9	X	126.05965	112.69104	169.59570	9.59428	0.1040040	0.18212088	3.0824513	21	12 15.0	20.8
362272 2009 QC_5	16.8	X	170.41493	302.94098	342.42414	6.52354	0.2829644	0.19897014	2.9058784	21	—	—
362273 2009 QZ_{12}	15.9	X	79.29055	150.54903	179.53505	5.49802	0.1682517	0.18212521	3.0824024	21	12 29.7	20.7
362274 2009 QE_{24}	15.8	X	43.65781	164.72413	167.58936	15.87706	0.1582775	0.17416834	3.1755813	21	11 23.4	20.4
362275 2009 QU_{34}	15.9	X	27.42082	344.39043	337.87622	7.30769	0.1135791	0.17009013	3.2261407	21	10 6.8	20.1
362276 2009 QJ_{39}	16.3	X	97.03882	145.75655	174.05875	13.56073	0.1661382	0.18296926	3.0729156	21	—	—
362277 2009 QY_{50}	15.7	X	35.74476	348.13299	353.77294	9.58563	0.0814787	0.17500062	3.1655049	21	11 7.7	20.1
362278 2009 QG_{54}	15.4	X	32.71068	292.29485	57.79220	9.99542	0.1042762	0.17461680	3.1701419	21	11 20.0	19.6
362279 2009 RK_9	15.6	X	116.93970	271.98936	7.53550	9.01338	0.0708609	0.17505580	3.1648397	21	11 27.1	20.5
362280 2009 RB_{15}	15.8	X	121.05605	95.88044	190.12312	16.04427	0.2222502	0.18061778	3.0995291	21	12 18.9	21.3
362281 2009 RV_{21}	15.8	X	165.96479	351.28248	197.86377	10.20199	0.1655507	0.17448743	3.1717087	21	10 3.2	20.9
362282 2009 RM_{26}	15.1	X	82.75781	261.39096	23.00661	16.20277	0.4344943	0.17865976	3.1221341	21	11 29.9	20.9
362283 2009 RK_{27}	15.5	X	50.20102	334.47016	7.02310	9.48757	0.2143157	0.17448471	3.1717416	21	12 16.5	20.1
362284 2009 SL_6	16.5	X	117.47998	51.39564	212.90006	8.63057	0.1335341	0.17782220	3.1319301	21	11 17.2	21.4
362285 2009 SO_8	15.1	X	25.31526	322.85070	29.12675	14.99339	0.1647769	0.17323489	3.1869785	21	11 16.7	19.2
362286 2009 SO_{12}	16.1	X	65.37564	132.86297	181.15737	16.76679	0.2269238	0.17551000	3.1593772	21	12 4.6	21.1
362287 2009 SS_{78}	15.5	X	144.45620	307.04267	313.26038	6.79809	0.1553435	0.17987031	3.1081101	21	12 6.2	20.6
362288 2009 SE_{99}	15.3	X	290.92643	155.35479	188.01989	9.31667	0.0464050	0.14595661	3.5726203	21	6 18.1	20.4
362289 2009 SG_{115}	16.0	X	104.55179	96.40507	208.97908	8.82989	0.0596682	0.17824006	3.1270333	21	12 15.9	20.7
362290 2009 SR_{178}	16.2	X	153.76035	160.13988	51.72365	5.45165	0.1201854	0.17224389	3.1991910	21	10 20.2	21.3
362291 2009 SR_{225}	15.9	X	123.96496	294.24186	240.75126	6.08526	0.0731396	0.15443328	3.4406628	21	7 30.8	21.1
362292 2009 SU_{229}	15.9	X	22.81637	183.78586	197.06650	9.05062	0.1044334	0.17568867	3.1572347	21	12 14.6	20.1
362293 2009 SV_{238}	15.0	X	57.90180	284.22761	41.14871	19.35855	0.1664503	0.17225296	3.1990787	21	11 26.8	19.7
362294 2009 SZ_{241}	15.9	X	106.12973	220.65196	84.99553	7.67016	0.1241817	0.18033265	3.1027954	21	12 23.2	20.6
362295 2009 SJ_{247}	15.5	X	144.13489	252.60349	30.32609	20.28040	0.2945410	0.18585930	3.0409773	21	—	—
362296 2009 SB_{263}	15.8	X	142.24685	194.99441	88.89673	3.62702	0.1726833	0.18497392	3.0506734	21	—	—
362297 2009 SK_{263}	15.4	X	53.18016	314.93611	25.48788	13.37702	0.0464922	0.17352520	3.1834230	21	11 23.3	20.0
362298 2009 SJ_{273}	16.1	X	95.38052	236.37584	63.83288	1.24844	0.1501206	0.17692545	3.1425041	21	12 8.4	21.0
362299 2009 SV_{277}	16.0	X	95.23185	122.05066	181.36442	16.10868	0.3191975	0.18069832	3.0986080	21	12 24.6	21.7
362300 2009 SU_{290}	15.7	X	136.01256	221.10683	47.28414	14.19491	0.1965830	0.17715129	3.1398327	21	12 7.8	21.1
362301 2009 SU_{304}	15.7	X	342.18243	37.60455	359.55622	7.84072	0.0116183	0.17202343	3.2019237	21	10 31.3	20.3
362302 2009 SY_{304}	16.8	X	172.49401	286.01651	20.21048	1.44647	0.1454021	0.19777867	2.9175373	21	—	—
362303 2009 SQ_{312}	16.6	X	91.23438	269.08325	37.42585	1.86156	0.1998568	0.18013933	3.1050149	21	12 16.5	21.5
362304 2009 SB_{328}	16.3	X	122.39963	76.96414	231.90868	1.38553	0.2126040	0.18347447	3.0672720	21	—	—
362305 2009 SE_{349}	16.7	X	112.03451	207.07179	97.58735	1.08842	0.2941287	0.18099273	3.0952469	21	—	—
362306 2009 TD_4	15.1	X	115.48832	30.62563	248.34156	15.24770	0.1949974	0.17669400	3.1452476	21	12 5.0	20.2
362307 2009 TU_{21}	15.9	X	119.64247	249.77919	55.21607	2.55037	0.1564168	0.18173732	3.0867868	21	—	—
362308 2009 TQ_{31}	15.1	X	59.30874	296.31056	35.63260	26.75504	0.2469542	0.17354530	3.1831772	21	12 14.7	20.2
362309 2009 TF_{32}	15.6	X	82.00904	298.48723	44.20534	12.95308	0.1183679	0.18038291	3.1022190	21	—	—
362310 2009 UM_3	18.0	X	45.74492	128.79392	162.40260	12.73729	0.7865589	0.25894379	2.4378055	21	12 23.6	23.2
362311 2009 UN_{71}	17.7	X	253.97331	138.68537	229.90751	20.44386	0.0338135	0.38853958	1.8599983	21	5 24.6	19.3
362312 2009 UE_{86}	15.9	X	98.86212	278.61253	12.26987	5.71160	0.2144729	0.18016651	3.1047027	21	12 5.7	21.0
362313 2009 UL_{107}	16.1	X	105.55458	243.65040	74.44246	6.04478	0.2921739	0.17941059	3.1134173	21	—	—
362314 2009 UH_{134}	14.5	X	304.19577	33.43494	77.27110	3.85445	0.0700793	0.08257593	5.2227639	21	11 23.3	21.1
362315 2009 UN_{140}	14.6	X	49.85308	303.08184	235.28834	10.83010	0.0216046	0.12529766	3.9552512	21	5 1.7	20.1
362316 Dogora	16.8	X	146.37936	113.19914	216.39317	8.26304	0.2417065	0.19230952	2.9725935	21	1 2.9	21.7
362317 2009 VA_{96}	15.9	X	113.03850	253.73248	64.12951	11.76895	0.2017701	0.17857691	3.1230997	21	—	—
362318 2009 WG_{143}	15.9	X	111.94902	265.11102	41.74793	18.95485	0.2042008	0.17944785	3.1129863	21	—	—
362319 2010 AL_{61}	17.8	X	185.66344	271.65186	128.15078	23.37591	0.1091512	0.37205555	1.9145389	21	4 18.7	20.9
362320 2010 AT_{77}	17.3	X	141.09602	284.93377	114.23616	23.66858	0.1282805	0.36287482	1.9466961	21	2 14.7	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362321 2010 BC_{125}	13.0	X	358.58367	232.27901	173.98758	26.97387	0.0750802	0.08242646	5.2290758	21	11 23.3	19.9
362322 2010 CS_{140}	17.7	X	37.17254	101.92609	144.38933	20.93093	0.0527005	0.38073072	1.8853447	21	7 13.2	19.5
362323 2010 FM_{87}	18.2	X	176.21862	8.02759	218.16009	4.70326	0.1400774	0.31066628	2.1591027	21	12 14.8	21.1
362324 2010 GO_{108}	17.6	X	116.18431	234.14323	44.82411	8.10647	0.1377510	0.30385107	2.1912682	21	12 21.1	20.9
362325 2010 HA_{29}	17.7	X	96.12920	214.68064	95.89660	4.06402	0.1970246	0.29447982	2.2375136	21	—	—
362326 2010 HW_{30}	16.5	X	244.86771	243.64557	127.24932	10.55223	0.1570778	0.25489509	2.4635520	21	5 13.8	20.4
362327 2010 HR_{78}	17.8	X	133.53206	90.06598	146.79706	2.59477	0.0951103	0.29939511	2.2129567	21	11 14.3	20.7
362328 2010 JB_{74}	18.1	X	165.79201	223.91374	56.78372	5.83969	0.1046950	0.31625050	2.1336110	21	—	—
362329 2010 JD_{77}	18.4	X	155.21091	187.46518	51.93532	7.03471	0.1186367	0.30555807	2.1830996	21	12 9.8	21.5
362330 2010 JJ_{84}	18.5	X	161.70113	126.08530	163.04627	4.76439	0.2085837	0.31379085	2.1447460	21	—	—
362331 2010 JQ_{151}	18.1	X	118.99659	45.14282	229.15682	1.32601	0.1744767	0.30308652	2.1949517	21	12 18.9	21.5
362332 2010 KW_{34}	16.2	X	267.94112	149.83745	209.76563	15.54854	0.1261765	0.25470403	2.4647838	21	5 25.7	19.7
362333 2010 KG_{38}	18.0	X	18.43820	211.03084	143.34404	6.30511	0.1111112	0.29538322	2.2329492	21	12 2.6	20.4
362334 2010 KY_{49}	16.7	X	178.17470	162.67175	164.66560	11.22055	0.1990646	0.22481484	2.6786711	21	1 19.1	21.2
362335 2010 KZ_{120}	16.9	X	6.65646	124.47551	173.51116	10.73969	0.2594299	0.26705212	2.3882073	21	8 24.9	18.2
362336 2010 LN_{18}	16.1	X	45.43698	223.51102	272.38797	10.67461	0.0693338	0.23147660	2.6270277	21	2 16.1	19.4
362337 2010 LO_{37}	17.2	X	99.10534	200.67555	176.92423	4.25257	0.0817543	0.21415842	2.7668097	21	—	—
362338 2010 LW_{40}	15.7	X	282.11596	151.79173	271.96615	9.63023	0.1374142	0.17779496	3.1322500	21	8 29.9	20.1
362339 2010 LS_{50}	16.5	X	195.63294	332.42160	349.34238	11.84080	0.1663167	0.22665809	2.6641289	21	1 30.3	20.9
362340 2010 LV_{63}	17.6	X	101.61049	72.33496	204.52656	3.64819	0.2217069	0.28923757	2.2644683	21	12 7.1	21.2
362341 2010 LK_{85}	16.8	X	188.47542	137.12279	173.52092	5.60286	0.0493681	0.22113079	2.7083404	21	1 1.3	20.7
362342 2010 LM_{85}	17.3	X	103.14454	354.53215	26.31332	4.35251	0.0802771	0.21519117	2.7579501	21	—	—
362343 2010 LC_{135}	16.0	X	154.90614	36.56301	298.59514	13.20330	0.1145348	0.21709148	2.7418321	21	1 2.7	20.1
362344 2010 MB_{10}	17.4	X	36.85130	189.72014	131.25129	6.71688	0.2613188	0.27703616	2.3304784	21	12 2.8	20.4
362345 2010 MD_{34}	17.0	X	144.49237	7.55831	330.52505	4.12169	0.0835629	0.21462248	2.7628199	21	—	—
362346 2010 MW_{37}	17.0	X	158.25450	290.47576	61.96697	7.06859	0.1586464	0.22098982	2.7094920	21	1 31.7	21.2
362347 2010 ME_{46}	16.9	X	253.09877	111.03574	185.07466	11.32074	0.2050612	0.23528146	2.5986288	21	2 9.6	21.3
362348 2010 MO_{63}	15.8	X	309.63592	198.95000	186.37689	15.84242	0.0778964	0.17467196	3.1694744	21	8 29.9	20.1
362349 2010 MZ_{65}	16.9	X	243.70575	131.25443	181.44744	10.40816	0.1223092	0.23436377	2.6054079	21	2 26.9	20.9
362350 2010 MD_{68}	16.0	X	356.59280	251.20866	159.15019	17.63033	0.1455890	0.19100289	2.9861349	21	12 21.8	19.9
362351 2010 MR_{72}	16.7	X	74.32488	5.14920	28.40738	3.56656	0.0625003	0.20852961	2.8163777	21	—	—
362352 2010 MW_{87}	17.9	X	50.65591	229.80512	89.67226	4.45658	0.3200432	0.28004494	2.3137560	21	12 22.3	21.1
362353 2010 ML_{89}	16.8	X	141.21216	283.85671	99.25302	7.21924	0.1619817	0.22161854	2.7043651	21	2 21.2	20.9
362354 2010 MB_{90}	16.7	X	106.67458	112.72023	253.45252	3.35078	0.0839527	0.20998283	2.8033685	21	—	—
362355 2010 ME_{94}	16.4	X	294.48054	280.23436	336.17843	10.77313	0.1588915	0.23471755	2.6027893	21	2 9.8	20.1
362356 2010 MN_{97}	16.3	X	214.07071	338.47479	14.99659	6.94942	0.3303906	0.23461513	2.6035467	21	3 19.9	21.1
362357 2010 MK_{109}	17.8	X	2.81070	147.87752	157.92398	5.12115	0.2390504	0.26437111	2.4043262	21	8 26.6	19.1
362358 2010 NO_{4}	16.8	X	89.87571	316.74383	323.65163	5.99930	0.1145285	0.28629770	2.2799438	21	11 20.1	20.1
362359 2010 NQ_{5}	17.2	X	38.93534	164.39955	111.99539	7.56063	0.0980057	0.27268967	2.3551772	21	9 8.0	19.8
362360 2010 NW_{5}	17.4	X	320.84115	98.30375	205.86632	0.86691	0.1898736	0.26127188	2.4233023	21	5 11.9	19.9
362361 2010 NY_{5}	17.5	X	333.00057	25.96026	263.72854	2.02850	0.1698386	0.26029929	2.4293350	21	5 15.4	20.0
362362 2010 NW_{11}	15.9	X	329.53109	227.75287	154.70033	13.28154	0.0555753	0.17801628	3.1296533	21	10 1.6	20.1
362363 2010 NX_{13}	16.6	X	127.03175	325.19964	38.82585	5.92908	0.0973961	0.21396184	2.7685040	21	1 4.2	20.5
362364 2010 NP_{19}	15.8	X	271.97982	57.63528	14.48539	9.75466	0.1012196	0.17332109	3.1859217	21	9 9.2	20.2
362365 2010 NL_{24}	16.3	X	325.91483	257.80340	211.56181	10.52464	0.0589070	0.19829736	2.9124474	21	—	—
362366 2010 NP_{24}	16.4	X	341.20190	265.79857	99.01716	2.20342	0.1572525	0.17648949	3.1476769	21	9 22.1	20.0
362367 2010 NH_{28}	16.4	X	308.09711	6.91420	194.53492	7.62357	0.0646832	0.21898093	2.7260377	21	1 1.6	20.3
362368 2010 ND_{39}	16.0	X	189.90826	197.64096	126.13958	16.40038	0.2003103	0.22237106	2.6982605	21	1 26.3	20.3
362369 2010 NC_{45}	16.2	X	278.33293	248.40804	206.43085	15.04275	0.0642622	0.18187593	3.0852183	21	10 19.1	20.4
362370 2010 ND_{48}	16.4	X	206.63048	168.22470	178.99614	7.72921	0.1938448	0.23076236	2.6324455	21	3 6.5	20.9
362371 2010 NE_{48}	16.1	X	331.28265	33.06741	355.95672	7.90889	0.1023494	0.17872310	3.1213964	21	10 6.3	19.9
362372 2010 NG_{50}	16.1	X	311.86040	245.57723	178.31016	15.15007	0.0338751	0.18317742	3.0705871	21	10 31.3	20.4
362373 2010 NW_{55}	16.3	X	198.06662	57.59822	222.46536	8.09981	0.0706950	0.21181509	2.7871785	21	—	—
362374 2010 NS_{57}	15.7	X	326.94797	193.08516	179.43661	17.26436	0.1020042	0.17382144	3.1798049	21	9 7.3	19.7
362375 2010 NK_{61}	16.8	X	207.64121	154.06102	151.00700	6.49100	0.1139480	0.22111266	2.7084884	21	1 16.9	21.0
362376 2010 ND_{66}	17.5	X	122.22110	141.99543	137.64493	4.97185	0.1642019	0.29523464	2.2336983	21	12 27.0	20.9
362377 2010 NT_{71}	15.8	X	320.11960	43.21724	12.11390	23.24610	0.1640125	0.17978640	3.1090771	21	10 15.8	19.4
362378 2010 NQ_{73}	16.7	X	153.04944	108.46203	219.89508	4.35250	0.0634212	0.21081976	2.7959443	21	—	—
362379 2010 NJ_{76}	15.9	X	9.24672	244.88723	116.05381	10.12888	0.1873138	0.18212811	3.0823697	21	11 14.0	19.6
362380 2010 NV_{79}	15.3	X	270.07310	215.76780	220.90517	12.60799	0.1216679	0.17166120	3.2064265	21	9 1.6	20.1
362381 2010 NA_{103}	16.6	X	153.30522	241.06868	104.33517	6.22979	0.0260081	0.21484190	2.7609385	21	1 2.4	20.4
362382 2010 NY_{105}	16.4	X	189.22762	322.42572	15.60344	12.56784	0.1562379	0.22397366	2.6853738	21	2 14.7	20.9
362383 2010 NV_{106}	16.5	X	8.74910	36.77479	340.19093	2.66566	0.1375115	0.18523122	3.0478476	21	11 24.4	20.1
362384 2010 NM_{113}	17.1	X	169.48138	141.29742	203.84670	5.05784	0.0879739	0.21935868	2.7229072	21	1 24.9	21.3
362385 2010 NW_{113}	15.7	X	146.13711	48.67105	253.46063	10.90762	0.0424600	0.20275312	2.8696198	21	—	—
362386 2010 NY_{113}	16.3	X	317.27520	242.89876	1.55353	10.48454	0.2459901	0.23688223	2.5869084	21	2 11.0	19.9
362387 2010 OL_{9}	16.1	X	324.72485	29.07813	34.03087	2.87826	0.1119454	0.18333882	3.0687847	21	11 10.7	19.9
362388 2010 OH_{24}	17.2	X	257.17304	171.70492	155.43205	5.56835	0.2458389	0.23980142	2.5658714	21	3 22.5	21.4
362389 2010 OW_{34}	17.2	X	33.93268	257.80930	37.30403	11.26387	0.2545876	0.26869434	2.3784665	21	10 21.7	19.8
362390 2010 OW_{38}	15.9	X	309.36967	83.13156	24.29297	13.34052	0.0727022	0.19012458	2.9953244	21	12 15.7	19.9
362391 2010 OB_{43}	16.2	X	257.57957	12.96141	250.33262	7.66227	0.1011599	0.22103644	2.7091110	21	1 15.4	20.4
362392 2010 OV_{43}	15.9	X	208.64088	25.84898	309.71361	11.70464	0.3099821	0.22928056	2.6437754	21	2 20.8	20.9
362393 2010 ON_{51}	16.6	X	289.18289	279.44957	353.99072	11.07037	0.1772231	0.23384100	2.6092896	21	2 23.8	20.5
362394 2010 OE_{58}	15.2	X	203.01180	251.78691	235.09874	12.94572	0.1304361	0.16470746	3.2960506	21	8 19.2	20.7
362395 2010 OP_{64}	15.5	X	232.19627	261.72911	223.96463	11.49094	0.2120680	0.17077714	3.2174828	21	9 9.5	20.8
362396 2010 OS_{66}	16.5	X	143.31189	333.05832	22.18297	5.32695	0.0989421	0.21315615	2.7754760	21	1 13.4	20.5
362397 2010 OF_{75}	15.4	X	318.06916	14.83131	50.21169	23.34998	0.1296664	0.18060192	3.0997106	21	11 4.0	19.1
362398 2010 OK_{94}	15.7	X	242.42689	74.90160	39.50598	10.54391	0.0704230	0.17324593	3.1868431	21	9 30.6	20.4
362399 2010 OT_{95}	16.2	X	172.39816	248.89584	98.56233	12.38977	0.1569809	0.21936791	2.7228308	21	2 8.4	20.6
362400 2010 OF_{97}	17.1	X	230.48768	128.47561	186.51186	2.39222	0.1712933	0.22769462	2.6560375	21	2 16.9	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362401 2010 OL_{110}	15.9	X	181.21666	310.22843	59.95081	14.12719	0.2680136	0.22665361	2.6641640	21	3 23.8	20.8
362402 2010 OG_{114}	15.2	X	179.68787	286.47212	237.27697	17.29400	0.0999399	0.16941500	3.2347059	21	9 9.9	20.6
362403 2010 OK_{124}	15.7	X	288.64941	28.20882	42.66552	28.60787	0.1865859	0.17195190	3.2028116	21	10 1.1	20.3
362404 2010 PL	17.3	X	3.06520	165.35325	140.65645	1.77014	0.1919251	0.27159405	2.3615069	21	8 24.2	18.6
362405 2010 PD_{4}	16.1	X	231.64778	283.96409	16.56726	7.16384	0.0463809	0.22033259	2.7148774	21	2 9.5	20.0
362406 2010 PG_{4}	15.5	X	269.54844	16.18244	58.04750	23.06699	0.0761515	0.16967487	3.2314024	21	9 23.3	20.5
362407 2010 PJ_{4}	15.6	X	278.70644	330.62595	108.96722	16.56610	0.0915764	0.17284262	3.1917987	21	10 3.7	20.3
362408 2010 PY_{9}	17.3	X	105.55165	102.48270	176.73206	5.48710	0.1919002	0.29008045	2.2600797	21	12 12.2	20.9
362409 2010 PD_{10}	16.9	X	123.64465	23.14717	242.18720	6.59527	0.2018059	0.29293025	2.2453975	21	12 10.9	20.6
362410 2010 PJ_{10}	16.9	X	305.53267	104.53834	205.84549	5.68777	0.1675083	0.25533118	2.4607461	21	5 1.1	19.8
362411 2010 PO_{26}	16.6	X	348.87207	196.77562	222.41466	5.28998	0.0857330	0.19928497	2.9028172	21	12 17.1	20.2
362412 2010 PR_{38}	16.1	X	15.22354	158.72164	198.05433	14.73776	0.0505671	0.17851442	3.1238284	21	10 31.3	20.3
362413 2010 PF_{55}	16.5	X	186.58692	272.32339	30.15635	4.38813	0.1906814	0.21260470	2.7802732	21	—	—
362414 2010 PU_{55}	16.4	X	89.00447	342.21014	11.66069	11.74771	0.1272673	0.19743197	2.9209518	21	—	—
362415 2010 PH_{57}	17.2	X	355.93930	138.10617	162.28508	5.01556	0.1958346	0.26611209	2.3938282	21	7 24.4	19.0
362416 2010 PK_{57}	17.2	X	26.17295	96.21403	170.16722	1.37104	0.1649231	0.26766131	2.3845823	21	8 6.4	19.2
362417 2010 PK_{58}	15.2	X	46.45508	352.93890	5.36727	12.09764	0.2310070	0.18828922	3.0147577	21	—	—
362418 2010 PN_{61}	17.6	X	344.93952	89.52387	233.88005	0.24024	0.2074807	0.26576298	2.3959241	21	8 5.4	18.9
362419 2010 PH_{69}	15.6	X	316.39591	142.93758	238.57136	9.73603	0.0541871	0.16814645	3.2509547	21	9 3.4	20.1
362420 2010 PY_{71}	16.1	X	33.96698	181.86167	199.09112	11.21723	0.1243544	0.18851560	3.0123436	21	—	—
362421 2010 PM_{75}	16.6	X	307.06951	214.45860	157.14897	9.80918	0.1623132	0.26489903	2.4011307	21	8 2.5	19.2
362422 2010 PZ_{78}	17.1	X	326.73488	234.00842	108.35081	2.86922	0.1877825	0.26607614	2.3940438	21	7 24.9	19.2
362423 2010 PB_{79}	17.3	X	337.36868	314.29455	346.51728	2.13737	0.2064459	0.26258329	2.4152272	21	6 5.9	19.1
362424 2010 QB_{1}	17.3	X	330.31972	105.40223	208.20810	2.00488	0.2025295	0.26033808	2.4290936	21	6 12.5	19.5
362425 2010 QO_{3}	17.6	X	340.48027	132.84786	183.37795	0.89038	0.1907572	0.26284324	2.4136345	21	7 12.5	19.5
362426 2010 QC_{4}	17.8	X	8.21275	275.56905	23.86369	1.34097	0.1879492	0.26763491	2.3847391	21	8 25.3	19.4
362427 2010 QX_{5}	17.6	X	352.83745	304.35515	24.14442	1.45697	0.1982543	0.26907527	2.3762211	21	9 6.8	19.0
362428 2010 RM_{1}	17.1	X	146.18402	182.17630	170.89112	5.49278	0.1328784	0.22134227	2.7066150	21	1 14.5	21.2
362429 2010 RU_{4}	17.3	X	30.88085	248.71595	39.82820	3.02743	0.2023559	0.27046188	2.3680925	21	9 27.8	19.5
362430 2010 RU_{10}	15.8	X	51.03232	300.57128	349.48311	9.48231	0.0704937	0.17796461	3.1302590	21	9 25.3	20.0
362431 2010 RQ_{46}	16.1	X	278.57617	288.30674	357.17474	12.33245	0.1429791	0.23554011	2.5967260	21	3 3.1	19.9
362432 2010 RR_{47}	16.3	X	226.17927	172.31908	0.50760	11.04768	0.0384580	0.19084184	2.9878146	21	11 21.2	20.8
362433 2010 RP_{48}	17.2	X	3.92853	124.37119	185.59249	2.11385	0.2240665	0.26568570	2.3963887	21	9 4.4	18.6
362434 2010 RF_{51}	15.6	X	255.45051	112.00970	14.17052	9.94815	0.0483171	0.18439995	3.0570005	21	10 29.4	19.9
362435 2010 RS_{51}	16.3	X	213.59535	239.77263	13.36835	17.22596	0.1051103	0.20963727	2.8064484	21	—	—
362436 2010 RJ_{52}	15.8	X	37.38574	31.39148	324.11543	10.09760	0.0372366	0.19155327	2.9804122	21	11 24.7	20.1
362437 2010 RK_{52}	17.2	X	326.44476	95.94348	240.04796	1.57810	0.1991936	0.26151343	2.4218099	21	7 11.1	19.2
362438 2010 RV_{58}	18.1	X	23.90180	109.65690	198.16483	4.75369	0.2499163	0.27267523	2.3552604	21	10 22.6	20.4
362439 2010 RW_{61}	17.6	X	34.76351	308.19510	357.70362	2.92766	0.2098115	0.27154517	2.3617903	21	10 28.8	20.2
362440 2010 RJ_{63}	16.9	X	186.37645	143.95089	167.13639	5.53829	0.1172616	0.22235503	2.6983901	21	1 3.7	21.1
362441 2010 RD_{70}	16.6	X	295.60842	2.55521	284.82515	4.45781	0.1797130	0.24136128	2.5548044	21	3 14.6	20.3
362442 2010 RE_{79}	17.1	X	1.75209	319.84633	321.24348	4.46935	0.1628034	0.26064985	2.4271562	21	7 6.7	19.0
362443 2010 RD_{87}	17.3	X	52.04484	37.20123	247.52293	1.96779	0.1566565	0.27163404	2.3612751	21	10 15.5	20.1
362444 2010 RU_{97}	16.7	X	150.06953	84.99268	239.11468	5.57530	0.0419773	0.21079619	2.7961527	21	—	—
362445 2010 RH_{98}	17.1	X	283.05341	19.34234	268.81462	3.28189	0.2425915	0.24107095	2.5568552	21	2 23.7	21.2
362446 2010 RN_{101}	16.5	X	319.58558	41.93334	199.44823	12.85054	0.1257949	0.23375514	2.6099284	21	2 21.5	20.1
362447 2010 RR_{106}	16.4	X	219.92396	264.05740	11.32912	8.15079	0.0611528	0.21508728	2.7588382	21	—	—
362448 2010 RS_{106}	16.6	X	150.26344	306.17425	14.65895	1.76192	0.0662634	0.20877044	2.8142114	21	—	—
362449 2010 RQ_{107}	16.1	X	323.73608	65.70042	17.53246	9.29339	0.0745307	0.18881106	3.0092003	21	12 5.7	20.0
362450 2010 RW_{107}	16.6	X	50.54037	167.91519	191.79889	13.02695	0.0139531	0.19130849	2.9829539	21	12 15.3	21.0
362451 2010 RJ_{110}	16.7	X	307.09674	321.72401	315.88589	3.38373	0.1310183	0.24414050	2.5353786	21	3 24.1	20.0
362452 2010 RZ_{110}	17.3	X	14.02074	295.39105	33.53626	1.68936	0.1960366	0.27126241	2.3634312	21	10 25.8	19.3
362453 2010 RP_{115}	17.4	X	238.02813	116.08489	232.70895	2.85716	0.1583593	0.24166002	2.5526984	21	4 4.8	21.5
362454 2010 RA_{116}	16.2	X	307.29255	282.42528	171.13837	10.28247	0.0192542	0.18882762	3.0090244	21	12 1.8	20.5
362455 2010 RC_{125}	17.2	X	37.50973	151.47142	135.17627	2.13689	0.1746236	0.26849610	2.3796371	21	9 30.9	19.8
362456 2010 RG_{126}	16.1	X	277.93885	272.14731	159.88775	9.84266	0.0855321	0.17560525	3.1582346	21	9 17.3	20.3
362457 2010 RN_{127}	17.4	X	30.53784	202.45563	113.96723	2.17181	0.1992520	0.27290763	2.3539231	21	11 6.6	19.9
362458 2010 RS_{134}	16.7	X	87.15540	191.30205	167.21647	2.26995	0.1066175	0.20436363	2.8545236	21	—	—
362459 2010 RT_{139}	16.5	X	78.38439	207.35113	165.35553	6.26847	0.0815871	0.20647351	2.8350441	21	—	—
362460 2010 RV_{143}	15.9	X	355.02642	125.69337	214.15852	8.45993	0.0822374	0.17439122	3.1728750	21	9 7.8	20.0
362461 2010 RJ_{144}	15.8	X	231.97229	289.89443	197.65286	25.14129	0.2193320	0.17316421	3.1878457	21	9 12.1	21.2
362462 2010 RO_{146}	16.7	X	143.95472	327.36223	8.12764	5.31240	0.0463235	0.21057307	2.7981275	21	—	—
362463 2010 RP_{147}	17.2	X	224.25393	271.34205	23.30543	5.00541	0.0955067	0.22173642	2.7034066	21	1 22.6	21.4
362464 2010 RP_{150}	17.1	X	326.60927	335.55207	281.39596	1.41814	0.1048258	0.24255261	2.5464320	21	3 29.2	20.0
362465 2010 RB_{151}	17.1	X	243.10821	298.21992	352.00790	7.84569	0.1425726	0.23013880	2.6371985	21	2 2.3	21.3
362466 2010 RG_{154}	16.0	X	299.77603	86.82514	343.90082	9.78862	0.0815561	0.18044192	3.1015426	21	10 12.1	20.3
362467 2010 RO_{155}	16.8	X	169.60219	267.25485	63.18568	4.60384	0.1254133	0.21753455	2.7381079	21	1 12.8	21.0
362468 2010 RM_{161}	16.0	X	76.69487	175.63290	185.38216	15.17088	0.1419648	0.20498860	2.8487188	21	—	—
362469 2010 RA_{165}	16.7	X	230.08040	355.49003	301.90543	1.68665	0.1207335	0.22652559	2.6651676	21	1 28.8	20.7
362470 2010 RN_{166}	15.7	X	39.67322	335.24019	343.67202	11.64724	0.0665840	0.18069921	3.0985979	21	10 13.2	20.0
362471 2010 RQ_{177}	16.8	X	192.29610	173.12709	122.88072	4.28039	0.0765239	0.21366938	2.7710298	21	—	—
362472 2010 RG_{184}	16.6	X	291.99740	229.12593	65.91143	15.49116	0.1023408	0.23765305	2.5813118	21	4 11.1	20.3
362473 2010 SX_{9}	17.3	X	203.45499	327.63462	353.90967	2.00534	0.0935520	0.22765038	2.6563816	21	2 1.3	21.3
362474 2010 SN_{17}	16.9	X	120.71900	43.74656	323.81378	2.75728	0.1053772	0.21399119	2.7682509	21	1 1.6	20.6
362475 2010 SA_{18}	17.7	X	6.81720	27.71484	249.68648	0.57628	0.1674393	0.25874327	2.4390648	21	7 11.9	19.7
362476 2010 SF_{19}	16.5	X	102.09050	285.78407	68.71697	3.01870	0.1059540	0.20428817	2.8552266	21	—	—
362477 2010 SL_{19}	15.7	X	225.40994	89.66285	34.79717	9.54241	0.0345488	0.17459088	3.1704556	21	9 27.0	20.3
362478 2010 SQ_{20}	16.2	X	346.56645	359.76616	11.11769	8.47277	0.0346170	0.17881350	3.1203443	21	10 7.7	20.4
362479 2010 ST_{24}	16.4	X	171.11522	20.78023	359.63021	14.28429	0.0734586	0.23179566	2.6246165	21	3 11.3	20.1
362480 2010 SD_{28}	16.8	X	277.19235	190.66101	346.38690	12.98877	0.0700573	0.20661742	2.8337275	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362481 2010 SN_{28}	16.5	X	111.08159	69.23833	206.18122	8.18105	0.0756658	0.18754568	3.0227206	21	11 21.2	21.1
362482 2010 SX_{32}	16.5	X	183.02307	116.95473	147.50030	7.14761	0.0120109	0.20402048	2.8577235	21	—	—
362483 2010 SE_{34}	16.9	X	86.67280	270.23865	9.90749	6.76140	0.2835244	0.27913146	2.3188013	21	11 29.8	20.9
362484 2010 SF_{34}	16.0	X	192.56088	336.09557	28.79349	33.40047	0.1925584	0.23210283	2.6223003	21	3 30.4	20.7
362485 2010 SX_{38}	16.2	X	304.19809	269.76806	2.82744	14.91615	0.0818862	0.23835077	2.5762718	21	3 23.5	19.5
362486 2010 SZ_{41}	16.0	X	340.29778	254.48479	110.19274	10.68010	0.0708964	0.17288290	3.1913029	21	9 25.6	20.3
362487 2010 TD_{1}	16.5	X	212.13178	102.80780	19.68100	4.47787	0.1111397	0.17027147	3.2238497	21	8 31.5	21.5
362488 2010 TH_{10}	16.6	X	182.41037	113.52803	189.85457	3.93233	0.0846587	0.21520609	2.7578227	21	—	—
362489 2010 TD_{13}	16.1	X	61.63620	348.51525	358.08158	10.22160	0.0959821	0.19296166	2.9658922	21	12 24.5	20.5
362490 2010 TK_{16}	16.0	X	81.69448	289.80138	346.65391	9.80255	0.0744373	0.18022658	3.1040126	21	10 15.4	20.5
362491 2010 TS_{16}	17.0	X	180.24141	37.61188	318.58554	5.18619	0.0425567	0.22409678	2.6843902	21	2 16.1	20.6
362492 2010 TS_{17}	15.2	X	1.30291	322.29521	80.02487	29.09899	0.1675321	0.17738644	3.1370572	21	12 15.8	18.8
362493 2010 TM_{25}	15.6	X	354.95340	62.42137	356.48532	10.76649	0.0998801	0.19033343	2.9931329	21	12 25.1	19.5
362494 2010 TR_{25}	17.0	X	137.39986	55.70409	275.27038	2.70517	0.0986504	0.21158669	2.7891839	21	—	—
362495 2010 TZ_{27}	17.0	X	176.35848	38.83960	264.34677	3.15445	0.0557136	0.21305615	2.7763444	21	—	—
362496 2010 TH_{28}	16.5	X	207.07195	12.06246	229.72240	4.72785	0.0225974	0.20429367	2.8551753	21	—	—
362497 2010 TE_{29}	16.3	X	267.12151	260.07869	201.84788	8.57045	0.0681429	0.18093213	3.0959380	21	10 12.7	20.7
362498 2010 TP_{33}	16.7	X	244.09172	29.12112	190.66896	10.49899	0.0566233	0.20484710	2.8500305	21	—	—
362499 2010 TK_{34}	17.4	X	260.93099	281.34716	33.22844	9.75901	0.2117093	0.23818118	2.5774945	21	3 16.1	21.6
362500 2010 TT_{39}	16.6	X	303.18228	106.31857	347.77234	7.30847	0.1188662	0.18586710	3.0408923	21	11 14.0	20.4
362501 2010 TP_{50}	16.2	X	90.06270	353.97352	37.68635	10.72492	0.1147380	0.21056717	2.7981797	21	—	—
362502 2010 TX_{59}	16.8	X	198.50466	335.66715	8.94330	13.36113	0.2922464	0.23208266	2.6224522	21	3 2.8	21.6
362503 2010 TL_{66}	16.8	X	241.81329	1.22248	234.24943	4.42161	0.1121264	0.21527117	2.7572669	21	—	—
362504 2010 TA_{74}	16.4	X	271.26938	280.30564	197.23170	10.57215	0.0827823	0.18417015	3.0595430	21	11 6.2	20.5
362505 2010 TM_{75}	16.7	X	122.02338	270.09954	27.76530	8.09789	0.0322654	0.19531037	2.9420667	21	12 27.6	21.0
362506 2010 TQ_{77}	17.0	X	129.78433	282.32480	31.84598	4.49912	0.0734878	0.20178263	2.8788135	21	—	—
362507 2010 TA_{79}	15.6	X	75.02538	88.94574	205.88785	11.39837	0.0848795	0.18141160	3.0904805	21	11 4.8	20.0
362508 2010 TW_{79}	17.3	X	293.07461	110.61577	167.75331	3.43671	0.1207026	0.23568126	2.5956891	21	3 11.4	20.8
362509 2010 TV_{81}	16.2	X	34.08523	350.01071	8.14746	9.97501	0.1081216	0.18654157	3.0335580	21	12 2.5	20.4
362510 2010 TN_{84}	16.4	X	236.91604	74.43021	26.84027	5.49931	0.1017909	0.17131520	3.2107424	21	9 2.6	21.2
362511 2010 TP_{84}	17.4	X	11.88349	231.00227	44.22724	2.58307	0.1722330	0.25857836	2.4401017	21	7 21.7	19.4
362512 2010 TU_{84}	17.2	X	201.28466	174.02977	118.56107	1.70296	0.0476895	0.21580527	2.7527157	21	—	—
362513 2010 TY_{84}	16.9	X	133.21684	289.12535	52.20586	2.64208	0.0800917	0.21061377	2.7977670	21	—	—
362514 2010 TH_{85}	16.5	X	118.80807	337.84028	27.48917	6.21047	0.0495558	0.21290798	2.7776323	21	—	—
362515 2010 TQ_{86}	15.9	X	280.77888	58.89288	29.80506	10.89093	0.0570770	0.18121215	3.0927478	21	10 16.5	20.0
362516 2010 TB_{88}	16.9	X	155.24984	97.38921	182.72365	5.92611	0.0279010	0.20005158	2.8953966	21	—	—
362517 2010 TR_{90}	16.8	X	6.23957	301.80899	109.98916	1.95472	0.0139824	0.19477902	2.9474148	21	12 24.6	20.7
362518 2010 TT_{94}	16.2	X	307.29313	56.50656	19.28808	10.45354	0.1233023	0.18305503	3.0719556	21	10 27.8	20.0
362519 2010 TO_{104}	16.3	X	290.99784	134.19076	103.84634	3.59084	0.0282249	0.22502593	2.6769957	21	1 31.5	19.9
362520 2010 TP_{104}	15.3	X	311.93720	9.39224	29.63664	19.97205	0.1021146	0.17037769	3.2225097	21	9 27.4	19.6
362521 2010 TQ_{112}	16.4	X	182.01311	187.42713	347.44044	2.12224	0.0884126	0.17651155	3.1474147	21	10 2.9	21.3
362522 2010 TT_{112}	16.8	X	114.33329	25.28444	258.84215	1.47473	0.0649640	0.18999383	2.9966985	21	12 3.7	21.1
362523 2010 TN_{116}	16.2	X	178.44723	282.20747	29.95563	6.84773	0.0575334	0.21253450	2.7808854	21	—	—
362524 2010 TL_{140}	15.6	X	74.97511	49.35239	240.80937	9.04687	0.0743255	0.17911735	3.1168144	21	10 26.1	20.1
362525 2010 TT_{151}	16.4	X	172.31553	60.33117	97.20710	2.44176	0.0931163	0.17023458	3.2243154	21	9 3.1	21.3
362526 2010 TO_{153}	16.6	X	330.47232	57.46276	359.43171	2.32469	0.0278919	0.18401718	3.0612383	21	11 13.1	20.6
362527 2010 TY_{158}	16.7	X	48.07892	264.48134	108.64819	3.10350	0.1125015	0.19450828	2.9501492	21	—	—
362528 2010 TA_{188}	16.9	X	139.14064	157.52321	180.56178	7.39802	0.0686111	0.20954283	2.8072915	21	—	—
362529 2010 UW_{5}	16.1	X	355.48845	25.89968	354.56171	10.15896	0.0584505	0.18068653	3.0987428	21	10 29.6	20.3
362530 2010 UY_{9}	15.7	X	327.72082	358.54876	38.50518	9.24294	0.0789319	0.17561677	3.1580965	21	10 15.0	19.6
362531 2010 UP_{10}	15.7	X	211.32056	278.44538	216.57306	15.05276	0.0574290	0.16942799	3.2345406	21	9 13.5	20.6
362532 2010 UT_{13}	15.5	X	146.55628	200.51272	37.96391	23.46527	0.0067461	0.18066237	3.0990190	21	11 8.5	20.0
362533 2010 UY_{17}	16.1	X	13.66790	151.66977	214.68503	7.55804	0.0378745	0.18121250	3.0927438	21	11 8.5	20.3
362534 2010 UW_{18}	16.1	X	156.47987	279.98604	58.49907	14.55961	0.2078435	0.21019331	2.8014967	21	1 19.6	20.8
362535 2010 UC_{20}	17.0	X	255.86807	83.24070	225.85027	2.17204	0.1137866	0.23156296	2.6263745	21	3 8.5	20.8
362536 2010 UW_{23}	15.4	X	139.89686	87.00156	43.00155	10.72538	0.0351624	0.15072584	3.4968546	21	6 21.4	20.6
362537 2010 UR_{32}	16.3	X	148.20092	237.06584	6.51085	10.15222	0.0454349	0.18380913	3.0635478	21	11 17.3	21.0
362538 2010 UY_{34}	15.9	X	339.25487	68.69532	8.29196	10.08128	0.0931221	0.18786180	3.0193287	21	12 22.5	19.8
362539 2010 UV_{40}	16.3	X	86.69553	333.74860	2.96935	2.09991	0.0996338	0.19154778	2.9804692	21	—	—
362540 2010 UR_{43}	17.3	X	289.16309	177.90041	113.15189	2.42165	0.1597740	0.23696340	2.5863176	21	3 18.6	20.8
362541 2010 UU_{43}	16.6	X	193.84877	177.96057	75.99628	3.79020	0.0528283	0.19939033	2.9017945	21	—	—
362542 2010 UG_{44}	16.0	X	330.54420	215.52185	192.95493	10.62706	0.1172053	0.17948871	3.1125138	21	11 2.1	19.7
362543 2010 UM_{44}	15.9	X	278.51547	96.99265	3.21315	9.64720	0.0452701	0.17842120	3.1249164	21	10 25.4	20.2
362544 2010 UV_{52}	15.9	X	87.92878	297.74762	13.85535	9.46419	0.0820111	0.18615603	3.0377449	21	12 7.4	20.5
362545 2010 UK_{54}	16.0	X	24.17208	320.76265	34.71807	16.13868	0.1015024	0.18037210	3.1023430	21	11 13.1	20.0
362546 2010 UW_{59}	15.6	X	119.72894	47.99874	249.55429	8.65706	0.0814617	0.18499988	3.0503881	21	12 24.9	20.2
362547 2010 UZ_{59}	16.8	X	282.61801	278.02791	54.79618	12.47297	0.3047347	0.24355407	2.5394468	21	4 17.9	20.7
362548 2010 UK_{60}	15.6	X	56.22630	77.34671	250.22202	9.26046	0.1179857	0.17689950	3.1428114	21	11 24.8	19.9
362549 2010 UD_{64}	16.5	X	308.65254	233.88913	244.26768	6.84917	0.0264344	0.18948788	3.0020304	21	12 31.1	20.7
362550 2010 UJ_{66}	16.4	X	171.44466	109.79646	229.87000	4.76715	0.1168145	0.21477745	2.7614907	21	1 23.4	20.7
362551 2010 UX_{71}	16.1	X	283.48706	62.25015	8.08475	10.76198	0.0528383	0.17424903	3.1746009	21	9 26.6	20.4
362552 2010 UU_{93}	15.9	X	57.27166	297.35952	14.19634	10.78884	0.0526905	0.17588868	3.1548409	21	10 26.6	20.3
362553 2010 UH_{100}	15.6	X	56.75759	341.31101	2.68116	11.77055	0.0907982	0.18718245	3.0266298	21	12 12.1	20.0
362554 2010 VZ_{1}	16.3	X	287.68615	206.46645	253.90599	7.63416	0.0360137	0.18201995	3.0835907	21	11 9.8	20.6
362555 2010 VU_{14}	15.9	X	257.90328	271.43688	58.71004	14.34211	0.1509896	0.23416470	2.6068844	21	4 9.6	20.0
362556 2010 VT_{24}	15.9	X	291.95768	43.17379	46.85100	10.29833	0.0977674	0.17940120	3.1135259	21	10 28.3	19.9
362557 2010 VU_{31}	15.2	X	257.82252	351.26516	61.74894	15.11060	0.0797540	0.15933850	3.3696819	21	8 1.7	20.3
362558 2010 VP_{38}	16.1	X	49.07521	197.93147	205.07022	11.74325	0.0470108	0.19604691	2.9346933	21	—	—
362559 2010 VK_{41}	16.3	X	100.35033	258.02927	10.47589	9.65023	0.0882037	0.18049661	3.1009161	21	10 29.7	21.0
362560 2010 VQ_{46}	16.1	X	37.92088	301.24980	44.58592	11.63034	0.1688894	0.17986637	3.1081554	21	11 30.4	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362561 2010 VJ_{53}	16.7	X	136.33441	239.74770	94.44268	3.29402	0.0703747	0.20279127	2.8692599	21	—	—
362562 2010 VQ_{60}	15.7	X	91.63915	346.88162	280.89719	10.48780	0.0523001	0.17570575	3.1570301	21	10 11.6	20.5
362563 2010 VG_{69}	16.4	X	216.53818	336.97791	6.84517	4.90757	0.3100034	0.23125117	2.6287347	21	3 10.5	21.2
362564 2010 VZ_{69}	16.1	X	86.73353	272.74873	40.82000	10.19475	0.1051810	0.18569180	3.0428058	21	12 11.2	20.8
362565 2010 VX_{70}	15.4	X	277.86570	30.89678	68.01167	20.87789	0.1090761	0.17688714	3.1429578	21	10 25.7	19.9
362566 2010 VK_{72}	15.7	X	343.20347	332.43101	48.33008	10.01412	0.0801628	0.17518462	3.1632880	21	10 18.2	19.7
362567 2010 VS_{77}	16.2	X	60.16853	304.93337	51.77079	10.99216	0.1123399	0.18998833	2.9967564	21	—	—
362568 2010 VP_{78}	15.6	X	327.58714	20.64984	17.62709	10.45079	0.1021785	0.17708529	3.1406127	21	10 13.5	19.3
362569 2010 VK_{85}	15.5	X	169.96214	128.30383	64.66258	23.10883	0.1269013	0.16699889	3.2658307	21	10 21.6	21.0
362570 2010 VW_{86}	17.3	X	245.42069	284.67270	20.53096	4.86870	0.1399764	0.23179796	2.6245991	21	2 22.1	21.4
362571 2010 VL_{88}	15.8	X	98.18923	246.43808	39.83963	5.54296	0.1057035	0.17835183	3.1257267	21	11 20.6	20.6
362572 2010 VZ_{90}	15.3	X	163.84289	332.95582	259.51233	10.15709	0.1053728	0.17608275	3.1525223	21	11 21.2	20.4
362573 2010 VL_{102}	15.4	X	80.10755	55.63313	237.48697	13.83647	0.0786642	0.17520145	3.1630854	21	11 5.3	20.0
362574 2010 VH_{103}	15.6	X	227.17400	128.37536	67.99046	11.03497	0.0558250	0.18453042	3.0555595	21	12 19.9	20.0
362575 2010 VP_{105}	17.4	X	274.57459	101.36768	212.31007	8.28990	0.2731111	0.23822501	2.5771784	21	3 15.7	21.7
362576 2010 VT_{115}	15.9	X	81.99570	304.41203	15.86837	9.88172	0.1025024	0.18539234	3.0460816	21	12 13.8	20.5
362577 2010 VH_{116}	16.3	X	338.22950	130.00713	277.24700	5.95431	0.0924491	0.17870403	3.1216185	21	11 9.9	20.3
362578 2010 VX_{116}	15.8	X	16.08062	301.28526	27.62563	7.78812	0.1472578	0.17103991	3.2141866	21	10 5.8	19.6
362579 2010 VO_{120}	15.7	X	294.46913	26.62048	74.57142	10.38661	0.0915822	0.17726734	3.1384622	21	11 15.5	19.8
362580 2010 VS_{120}	15.8	X	194.79610	220.81372	71.74806	16.19717	0.1296649	0.20457268	2.8525787	21	—	—
362581 2010 VW_{131}	16.9	X	223.74888	211.74181	120.83050	5.70515	0.2580497	0.23095860	2.6309542	21	3 4.1	21.6
362582 2010 VJ_{138}	15.6	X	103.75538	27.79966	276.38250	9.86589	0.0997739	0.18895056	3.0077190	21	12 18.9	20.2
362583 2010 VE_{163}	16.4	X	13.21298	283.82894	57.26232	2.08750	0.1740098	0.17610860	3.1522138	21	10 19.9	20.0
362584 2010 VK_{168}	15.7	X	48.90865	235.30681	104.66221	11.91831	0.0587871	0.17991698	3.1075725	21	11 25.9	20.1
362585 2010 VO_{173}	15.5	X	185.05057	138.13900	66.98925	10.62082	0.0435807	0.17471819	3.1689154	21	11 14.6	20.1
362586 2010 VZ_{173}	15.7	X	56.47504	276.77521	60.25230	11.63429	0.1142434	0.18238943	3.0794248	21	12 6.3	20.0
362587 2010 VO_{174}	15.7	X	271.98539	150.45723	23.12997	10.19982	0.0320861	0.19223590	2.9733524	21	—	—
362588 2010 VN_{175}	16.2	X	284.82213	54.96983	225.31309	12.88147	0.2445225	0.22875883	2.6477937	21	2 13.6	20.7
362589 2010 VX_{181}	15.8	X	148.56340	169.22774	71.77086	8.81461	0.1384543	0.17572460	3.1568044	21	11 18.5	20.9
362590 2010 VN_{182}	16.1	X	107.74781	286.15624	76.87345	15.83634	0.1651448	0.20261631	2.8709114	21	—	—
362591 2010 VT_{194}	15.9	X	122.35123	260.43206	346.74151	9.04710	0.0581630	0.17440235	3.1727401	21	10 23.4	20.7
362592 2010 VA_{205}	15.8	X	334.38879	208.58239	214.49078	8.85544	0.0420280	0.18141200	3.0904760	21	11 26.6	19.9
362593 2010 VJ_{205}	17.1	X	177.31996	39.81055	297.92053	1.83038	0.0819827	0.21600525	2.7510164	21	1 25.7	21.3
362594 2010 VS_{207}	16.3	X	74.61899	66.53785	289.09981	4.82292	0.1036297	0.19441728	2.9510697	21	—	—
362595 2010 VA_{211}	15.4	X	165.49184	340.31787	246.76512	14.98046	0.1273362	0.17992640	3.1074641	21	11 16.8	20.4
362596 2010 VC_{217}	16.2	X	100.23482	40.54611	310.67814	9.01410	0.0548773	0.20173488	2.8792678	21	—	—
362597 2010 WG_{7}	16.2	X	281.25043	242.75181	71.64040	15.79768	0.1963280	0.23467517	2.6031026	21	4 11.2	20.3
362598 2010 WM_{21}	15.7	X	145.19866	198.96949	64.79643	14.82903	0.0816534	0.18210011	3.0826857	21	12 10.0	20.5
362599 2010 WE_{35}	15.8	X	265.67579	48.86225	76.02906	11.36279	0.0647760	0.17569359	3.1571759	21	11 10.6	20.3
362600 2010 WG_{47}	15.4	X	113.96688	199.06660	71.75075	10.11708	0.0698758	0.17468639	3.1692998	21	11 16.9	20.1
362601 2010 WS_{53}	16.4	X	268.66655	243.58112	60.00222	14.04110	0.1984863	0.22814044	2.6525762	21	3 15.9	20.8
362602 2010 WX_{55}	15.6	X	45.21675	283.02304	47.00310	10.29592	0.1638921	0.17713079	3.1400749	21	11 20.1	19.9
362603 2010 WB_{62}	15.7	X	71.67077	47.02956	259.37251	5.22743	0.0840533	0.17403646	3.1771853	21	11 12.1	20.2
362604 2010 WE_{68}	15.6	X	62.28953	46.87812	269.27209	7.87237	0.0799289	0.17433029	3.1736143	21	11 11.5	20.2
362605 2010 XZ_{33}	16.1	X	223.77002	246.14143	75.67994	10.49235	0.1485847	0.21991140	2.7183428	21	2 26.0	20.6
362606 2010 XP_{65}	16.5	X	126.18565	157.33921	216.28758	5.28762	0.0220336	0.20984128	2.8046291	21	1 4.0	20.5
362607 2010 XG_{73}	16.0	X	112.69886	128.41435	188.80354	6.15985	0.1313759	0.19163773	2.9795364	21	—	—
362608 2010 XU_{79}	14.7	X	182.71327	256.86803	109.23962	12.03379	0.1234617	0.12613195	3.9377909	21	3 23.1	20.9
362609 2011 BL_{2}	15.4	X	68.95468	259.57047	87.37331	11.23481	0.1093595	0.17809313	3.1287529	21	12 31.5	20.0
362610 2011 LW	17.0	X	36.47432	330.87587	253.34623	19.25573	0.0465819	0.38040800	1.8864109	21	5 31.2	18.2
362611 2011 QL_{17}	17.7	X	157.71360	170.47322	247.51359	2.10194	0.2045835	0.25846363	2.4408238	21	4 18.4	21.5
362612 2011 QQ_{51}	17.4	X	116.42325	213.78095	207.23315	20.63052	0.0884558	0.35143177	1.9887279	21	1 26.1	19.9
362613 2011 QA_{98}	17.4	X	312.05184	315.89137	94.73889	6.38982	0.1891133	0.29861771	2.2167957	21	10 24.9	18.8
362614 2011 RW_{12}	17.9	X	203.32152	118.05801	334.68866	2.87134	0.1972004	0.27972346	2.3155285	21	7 13.2	21.6
362615 2011 RY_{17}	17.0	X	15.43799	239.10726	200.99232	10.97475	0.1642591	0.22213203	2.7001958	21	—	—
362616 2011 RP_{19}	15.4	X	110.64314	197.29946	356.51252	11.05165	0.0585333	0.18495680	3.0508617	21	8 13.1	19.9
362617 2011 SL_{16}	17.1	X	307.67904	0.09381	17.89250	6.81618	0.1134701	0.28923908	2.2644604	21	8 28.1	19.2
362618 2011 SD_{32}	17.3	X	283.30295	32.67645	34.11254	7.44682	0.0741087	0.29051160	2.2578430	21	10 4.6	19.6
362619 2011 SP_{35}	17.3	X	63.55439	49.18601	32.62997	6.44724	0.2358816	0.23153487	2.6265869	21	1 26.2	19.7
362620 2011 SG_{38}	17.4	X	221.40487	279.63957	141.40510	3.11510	0.1373620	0.27219195	2.3580474	21	6 21.9	20.9
362621 2011 SY_{51}	17.6	X	264.74311	9.50328	4.47898	4.45865	0.1678264	0.27405589	2.3473434	21	6 2.3	20.9
362622 2011 SB_{67}	17.0	X	193.70689	223.88225	196.86041	10.44208	0.2435306	0.26352009	2.4094998	21	5 24.8	21.3
362623 2011 SG_{68}	17.7	X	136.86389	352.25297	157.89598	23.02314	0.0276524	0.38452301	1.8729283	21	7 14.9	20.1
362624 2011 SO_{97}	17.5	X	209.51043	273.48299	178.18396	4.79160	0.1964063	0.27662016	2.3328142	21	7 16.2	21.2
362625 2011 ST_{104}	17.1	X	25.32776	71.63345	346.22795	8.44364	0.2258696	0.21511032	2.7586412	21	—	—
362626 2011 SZ_{115}	17.5	X	265.90784	219.33411	189.92023	9.13914	0.1716088	0.28609038	2.2810451	21	7 21.9	20.6
362627 2011 ST_{122}	17.4	X	197.13123	223.51630	189.43995	6.78936	0.1689292	0.26562877	2.3967311	21	5 18.1	21.2
362628 2011 SO_{127}	17.8	X	343.48469	337.83772	29.32434	5.24350	0.1837191	0.29648549	2.2274113	21	10 24.9	19.0
362629 2011 ST_{127}	16.4	X	330.03133	281.87689	189.26255	12.55020	0.2283324	0.21214071	2.7843257	21	—	—
362630 2011 SY_{128}	17.6	X	174.48383	26.35951	33.54311	6.54495	0.1860623	0.25914668	2.4365329	21	5 5.0	21.6
362631 2011 SL_{132}	16.6	X	117.41713	347.68582	39.01051	6.59660	0.3192952	0.23503933	2.6004132	21	2 18.6	20.4
362632 2011 SC_{134}	17.6	X	237.68555	309.12622	94.91008	2.40278	0.1800227	0.27292792	2.3538064	21	6 12.7	21.2
362633 2011 SW_{134}	17.4	X	198.27496	233.15470	192.63202	7.50649	0.0850745	0.27012601	2.3700551	21	6 5.9	20.8
362634 2011 SB_{135}	17.6	X	248.88685	148.91199	172.14648	22.94039	0.0778850	0.36281678	1.9469037	21	2 28.7	19.9
362635 2011 SL_{139}	17.4	X	164.50820	59.70338	18.98625	6.89112	0.1450428	0.26197743	2.4189495	21	5 16.8	21.1
362636 2011 SH_{146}	17.4	X	201.88701	208.07214	228.01236	1.68155	0.1589257	0.27066666	2.3668980	21	6 20.8	21.0
362637 2011 SP_{148}	17.6	X	226.22035	270.77366	188.95249	7.01517	0.0768437	0.28865239	2.2675277	21	8 25.3	20.5
362638 2011 SR_{172}	17.9	X	335.32276	237.19791	225.11289	2.27483	0.0493376	0.31543543	2.1372848	21	—	—
362639 2011 SJ_{181}	17.2	X	215.54267	136.76739	228.02938	6.23520	0.0782802	0.25797427	2.4439095	21	4 3.3	20.8
362640 2011 SQ_{183}	16.9	X	70.58780	234.01916	180.12023	5.73527	0.1042925	0.22797013	2.6538971	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362641 2011 SJ_{184}	17.4	X	196.84020	81.60686	67.49571	4.75343	0.0586309	0.28905262	2.2654341	21	10 2.7	20.4
362642 2011 SN_{185}	17.3	X	256.42342	347.26015	57.75059	7.41597	0.1015011	0.27773072	2.3265913	21	7 17.2	20.3
362643 2011 SZ_{185}	17.3	X	141.50458	230.86915	247.28153	2.24448	0.1253710	0.26564129	2.3966558	21	6 14.2	20.8
362644 2011 SA_{202}	17.8	X	275.88324	223.13291	207.01155	5.64071	0.1324967	0.29423176	2.2387711	21	9 14.1	20.1
362645 2011 SL_{214}	17.2	X	264.85518	16.60277	13.25397	6.85837	0.1008721	0.27754660	2.3276201	21	7 6.8	20.2
362646 2011 SY_{218}	16.4	X	46.38287	323.67010	99.43705	9.07285	0.1887761	0.22397797	2.6853394	21	—	—
362647 2011 SG_{219}	16.2	X	6.48348	264.41176	214.73013	12.13987	0.2284282	0.22339590	2.6900018	21	—	—
362648 2011 SB_{222}	16.9	X	127.29327	36.91817	346.81077	10.39933	0.1310075	0.23253777	2.6190295	21	2 1.3	20.5
362649 2011 SV_{222}	15.6	X	257.66932	228.80852	206.37250	18.46345	0.1982261	0.17763150	3.1341713	21	8 5.3	20.6
362650 2011 SN_{230}	17.5	X	232.62002	196.01294	205.05236	2.14222	0.2207896	0.27286336	2.3541777	21	5 31.8	21.2
362651 2011 SA_{232}	17.7	X	16.34487	74.35782	200.04148	23.02064	0.1286729	0.38339989	1.8765842	21	7 23.8	19.7
362652 2011 SR_{245}	17.1	X	167.89567	224.85728	187.36213	9.16236	0.1726391	0.25623648	2.4549468	21	4 20.7	20.9
362653 2011 SF_{272}	17.2	X	78.76516	282.89118	141.30617	6.98395	0.2714428	0.23271185	2.6177232	21	2 3.7	19.8
362654 2011 SM_{275}	16.2	X	131.06617	281.88231	11.16878	26.50138	0.0332833	0.21358901	2.7717248	21	—	—
362655 2011 SD_{276}	17.8	X	215.41843	43.26797	6.60382	2.81257	0.1651975	0.27277898	2.3546631	21	5 29.5	21.4
362656 2011 TC_{2}	16.4	X	152.76215	191.99017	197.75796	6.29901	0.2455686	0.24246367	2.5470547	21	3 13.9	20.6
362657 2011 TL_{9}	17.4	X	120.63382	139.97818	284.63221	3.28185	0.1206909	0.24615045	2.5215580	21	3 9.2	20.7
362658 2011 UN	17.1	X	7.47155	34.89472	62.64241	17.29487	0.2584044	0.21805729	2.7337301	21	—	—
362659 2011 UR_{5}	16.7	X	126.86412	359.33530	42.73016	13.80284	0.2051082	0.23918829	2.5702544	21	3 9.1	20.7
362660 2011 UK_{6}	17.7	X	135.44881	335.04128	221.65636	7.69599	0.1464427	0.28164051	2.3050091	21	9 20.6	21.3
362661 2011 UP_{7}	17.2	X	24.46647	73.91276	44.50177	3.67967	0.0652885	0.22924816	2.6440245	21	—	—
362662 2011 UK_{8}	16.0	X	214.19192	84.27692	48.94188	10.31201	0.2311067	0.17923602	3.1154385	21	9 10.9	21.3
362663 2011 UO_{9}	17.6	X	78.43475	42.15379	47.15636	2.71469	0.1228642	0.23547560	2.5972003	21	2 15.9	20.5
362664 2011 UY_{9}	17.7	X	160.71326	61.77213	53.43335	4.82291	0.0790313	0.26642582	2.3919486	21	6 29.2	21.0
362665 2011 UW_{10}	17.4	X	133.35115	284.15524	204.08268	6.67079	0.1867073	0.27025228	2.3693168	21	6 23.9	21.1
362666 2011 UR_{12}	17.9	X	347.74906	163.18335	212.07475	2.45876	0.0402581	0.29648437	2.2274169	21	11 3.7	20.0
362667 2011 UG_{22}	16.7	X	49.13892	188.63415	304.92224	4.77796	0.1646229	0.24139714	2.5545513	21	2 26.4	19.0
362668 2011 UT_{23}	17.2	X	218.02378	228.84606	233.57227	5.92980	0.0422789	0.28214669	2.3022514	21	8 21.0	20.3
362669 2011 UL_{38}	17.7	X	158.41681	279.67681	184.12130	2.98778	0.0877485	0.26189000	2.4194878	21	6 11.5	21.1
362670 2011 UM_{47}	17.4	X	222.87142	49.17551	28.08142	7.24830	0.0773221	0.27546610	2.3393253	21	7 23.7	20.7
362671 2011 UT_{47}	17.1	X	110.03460	337.02297	237.70625	5.12306	0.0639805	0.28327322	2.2961436	21	9 9.9	20.2
362672 2011 UG_{52}	18.0	X	188.79291	277.19636	173.37896	3.34338	0.0605357	0.26878014	2.3779603	21	6 28.5	21.2
362673 2011 UQ_{52}	17.7	X	223.84340	255.15187	154.61840	2.69796	0.2193241	0.26818127	2.3814991	21	6 4.6	21.7
362674 2011 UE_{53}	16.9	X	359.91705	342.88927	173.64395	5.41471	0.1667119	0.22891177	2.6466141	21	—	—
362675 2011 UO_{61}	16.9	X	101.68341	208.46285	223.30984	8.57328	0.0791375	0.23574675	2.5952084	21	2 15.2	20.3
362676 2011 UL_{65}	16.6	X	31.24785	71.32709	32.40822	14.57204	0.0969524	0.22523888	2.6753081	21	—	—
362677 2011 UT_{75}	17.0	X	31.17632	184.11881	325.23175	4.14707	0.1994041	0.23698308	2.5861745	21	2 15.0	18.8
362678 2011 UH_{82}	16.6	X	48.35300	56.39827	31.35130	12.09356	0.1640223	0.22524515	2.6752585	21	—	—
362679 2011 UT_{84}	17.3	X	304.14108	321.99265	24.47809	7.01187	0.1206149	0.27426285	2.3461623	21	6 28.0	19.9
362680 2011 UW_{86}	15.5	X	251.86690	214.28329	238.90532	15.77233	0.2647958	0.17720884	3.1391529	21	8 12.2	20.8
362681 2011 UW_{87}	16.9	X	328.91558	293.04034	215.05205	3.10909	0.0827349	0.21726258	2.7403924	21	—	—
362682 2011 UW_{90}	16.1	X	125.53059	253.27297	251.09252	21.44192	0.0721967	0.27091111	2.3654740	21	6 23.4	19.4
362683 2011 UD_{93}	17.6	X	98.77508	317.57369	217.59163	5.91632	0.0694382	0.27149305	2.3620925	21	7 2.4	20.7
362684 2011 UP_{99}	17.0	X	207.84164	48.91717	27.77790	6.78740	0.0923952	0.27020244	2.3696082	21	7 1.5	20.4
362685 2011 US_{101}	17.6	X	251.74095	209.97569	186.85972	5.85818	0.1140379	0.27247496	2.3564143	21	6 26.0	20.8
362686 2011 UO_{112}	17.0	X	112.75695	305.94010	220.52656	9.98794	0.1021962	0.26592050	2.3949779	21	7 11.9	20.5
362687 2011 UN_{122}	17.4	X	103.44282	278.66281	207.37950	8.31859	0.1586716	0.25461934	2.4653303	21	5 16.3	20.6
362688 2011 UP_{128}	16.3	X	91.89882	222.18264	191.77105	15.62497	0.1672495	0.23009811	2.6375094	21	1 23.3	19.8
362689 2011 UY_{128}	17.0	X	60.17972	275.94514	216.37085	14.19390	0.0712296	0.24162033	2.5529779	21	3 4.4	20.4
362690 2011 UC_{132}	17.8	X	87.55412	50.76351	237.56120	4.60418	0.1263913	0.30116018	2.2043016	21	12 3.3	20.6
362691 2011 UZ_{135}	17.3	X	63.63556	264.29548	209.83578	7.96880	0.1172864	0.23961715	2.5671867	21	2 19.7	20.3
362692 2011 UX_{136}	17.5	X	269.51591	38.98688	22.92820	7.35522	0.0932593	0.28364362	2.2941442	21	9 2.8	20.2
362693 2011 UF_{137}	17.2	X	96.89700	20.70193	244.52147	5.78948	0.0873026	0.29028626	2.2590113	21	11 7.2	20.2
362694 2011 UW_{138}	17.4	X	172.48924	203.70217	225.54664	6.59072	0.0765648	0.25903309	2.4372452	21	5 11.5	20.8
362695 2011 UW_{146}	16.3	X	294.10850	149.43289	58.05853	12.30633	0.1003801	0.22374897	2.6871713	21	—	—
362696 2011 UO_{151}	17.2	X	277.40506	229.91431	178.31505	6.99856	0.1036370	0.28208495	2.3025873	21	8 18.5	19.8
362697 2011 UJ_{152}	17.5	X	122.36647	218.46644	62.25097	5.08651	0.1462303	0.30388063	2.1911261	21	12 29.9	20.8
362698 2011 UF_{156}	15.9	X	215.34160	49.61810	67.93819	15.20287	0.1577978	0.17494204	3.1662115	21	8 31.1	21.2
362699 2011 UA_{157}	17.1	X	70.77895	208.57939	61.36297	7.99669	0.0891184	0.28654551	2.2786291	21	10 15.8	19.9
362700 2011 UF_{158}	17.5	X	240.36221	336.38270	105.10684	6.22932	0.1304064	0.28095701	2.3087459	21	8 13.4	20.6
362701 2011 UH_{161}	15.7	X	77.66056	328.89488	56.21219	26.94292	0.1527072	0.21751316	2.7382874	21	—	—
362702 2011 UP_{163}	17.7	X	116.92838	326.93342	2.50535	2.05637	0.0524721	0.31704594	2.1300408	21	—	—
362703 2011 UA_{166}	17.3	X	79.48904	180.50169	268.40878	1.30697	0.0506988	0.23439617	2.6051679	21	2 6.4	20.4
362704 2011 UN_{176}	17.0	X	28.48283	230.84358	276.08766	3.39945	0.1421979	0.23554217	2.5967109	21	2 6.2	19.5
362705 2011 UB_{180}	15.9	X	269.15024	38.03373	55.71340	11.49495	0.1351258	0.18512501	3.0490134	21	10 1.6	20.2
362706 2011 UX_{183}	16.0	X	354.17154	277.87765	251.34858	10.79004	0.0252929	0.23177054	2.6248061	21	1 20.8	19.6
362707 2011 UJ_{186}	17.7	X	37.48837	266.37561	85.68067	4.83890	0.1959215	0.30691902	2.1766412	21	—	—
362708 2011 UM_{191}	16.9	X	257.31829	237.49783	210.27508	23.87625	0.1608882	0.29040297	2.2584059	21	9 1.7	20.3
362709 2011 UE_{194}	16.2	X	45.82578	32.60588	32.02470	14.41267	0.1296543	0.21868616	2.7284868	21	—	—
362710 2011 UA_{195}	16.9	X	242.66037	292.86571	132.12351	6.79046	0.1212048	0.27559357	2.3386039	21	7 23.4	20.1
362711 2011 UR_{199}	16.8	X	128.30028	78.44207	283.99291	5.33637	0.0532826	0.22523667	2.6753257	21	—	—
362712 2011 UQ_{200}	16.9	X	149.25205	321.71442	60.58270	6.48162	0.0793801	0.23734324	2.5835575	21	2 17.9	20.6
362713 2011 UZ_{201}	17.3	X	247.11582	246.73927	206.47693	3.12751	0.1712334	0.17856784	3.1232054	21	8 23.7	22.1
362714 2011 US_{202}	17.4	X	71.30369	2.10974	61.83630	7.36964	0.2070879	0.22621140	2.6676349	21	1 13.0	20.1
362715 2011 UZ_{205}	16.1	X	256.19960	265.03735	165.22915	16.29386	0.1882847	0.18102664	3.0948603	21	8 2.4	21.0
362716 2011 UH_{237}	17.4	X	24.47055	92.41098	12.95635	3.43625	0.1788549	0.22250907	2.6971446	21	—	—
362717 2011 UR_{239}	17.1	X	141.17818	7.41146	26.67206	1.74229	0.0549115	0.23930660	2.5694072	21	2 17.5	20.4
362718 2011 UJ_{242}	16.1	X	276.06166	335.51994	237.21255	12.57760	0.1250048	0.22297953	2.6933495	21	—	—
362719 2011 UQ_{243}	16.8	X	78.06942	8.63757	236.04320	9.10561	0.0950972	0.28027657	2.3124811	21	9 12.4	20.0
362720 2011 UZ_{246}	17.6	X	75.79958	58.76027	62.65780	4.82870	0.1027202	0.24155953	2.5534063	21	3 25.2	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362721 2011 UT_{247}	16.5	X	54.37185	78.17105	53.91629	22.42968	0.1078391	0.23787306	2.5797198	21	3 19.2	20.0
362722 2011 UN_{250}	16.8	X	359.89695	322.17284	222.27799	7.16409	0.1965950	0.23308086	2.6149596	21	1 29.4	19.6
362723 2011 UR_{250}	17.7	X	130.16240	17.89231	116.38862	3.55583	0.1208549	0.25897155	2.4376313	21	6 22.9	21.2
362724 2011 UU_{250}	17.1	X	35.09448	49.49589	68.85496	13.03789	0.1205286	0.22792660	2.6542350	21	1 14.3	20.2
362725 2011 UW_{250}	16.4	X	283.65398	228.66674	210.68897	6.50296	0.1046467	0.18688981	3.0297884	21	9 30.7	20.5
362726 2011 UD_{254}	16.8	X	357.46795	49.33454	51.88481	17.82880	0.1796071	0.21588273	2.7520571	21	—	—
362727 2011 UH_{266}	16.8	X	89.81185	343.14326	62.44235	6.22339	0.0507105	0.22551003	2.6731632	21	—	—
362728 2011 UX_{266}	17.8	X	292.24915	242.11933	62.60614	22.17790	0.0767042	0.36380177	1.9433880	21	4 18.1	20.2
362729 2011 UR_{276}	17.4	X	261.86386	26.45674	10.99855	6.90656	0.1146625	0.27449276	2.3448521	21	7 11.9	20.5
362730 2011 UX_{276}	16.8	X	21.90072	211.98830	285.38700	6.18040	0.0594139	0.23141820	2.6274697	21	1 18.1	19.8
362731 2011 UW_{282}	16.9	X	48.37700	55.81456	209.14997	7.47655	0.0910661	0.28019266	2.3129427	21	8 30.4	19.6
362732 2011 UB_{284}	16.5	X	121.72740	41.53053	317.50575	5.54273	0.0403970	0.22342447	2.6897725	21	—	—
362733 2011 UL_{294}	17.0	X	16.13988	71.70782	84.37988	4.98810	0.0778536	0.23431289	2.6057851	21	2 3.4	20.1
362734 2011 US_{294}	17.7	X	266.20450	23.66667	8.52112	6.80621	0.1126305	0.27589904	2.3368773	21	7 10.5	20.7
362735 2011 UF_{299}	17.6	X	239.45029	53.61841	81.55650	2.85053	0.0592044	0.29340268	2.2429865	21	11 7.8	20.2
362736 2011 UY_{299}	17.5	X	45.60978	268.55491	189.21642	2.22631	0.0594127	0.22757032	2.6570046	21	1 2.4	20.7
362737 2011 UJ_{303}	17.8	X	102.43320	54.86231	2.46145	3.25535	0.1416184	0.23739784	2.5831614	21	2 11.1	21.0
362738 2011 UM_{305}	16.8	X	149.21877	22.79408	339.18517	8.48144	0.1760880	0.23883678	2.5727756	21	2 1.9	20.7
362739 2011 UO_{307}	16.8	X	103.44253	149.98177	310.63478	6.41147	0.1303350	0.24455327	2.5325250	21	4 3.7	20.2
362740 2011 UE_{310}	17.2	X	57.47278	209.51982	238.54100	1.06327	0.1769451	0.23031283	2.6358699	21	1 13.8	19.7
362741 2011 UD_{314}	17.0	X	342.15006	316.98273	212.10296	12.08589	0.1050872	0.23088178	2.6315377	21	—	—
362742 2011 UM_{315}	16.7	X	348.63853	34.89611	68.29370	9.99294	0.1229675	0.21337114	2.7736113	21	—	—
362743 2011 UB_{317}	18.1	X	205.04980	89.31136	355.09816	1.12122	0.1529648	0.26877227	2.3780067	21	7 5.5	21.5
362744 2011 UO_{325}	17.4	X	333.07866	315.74304	71.43989	6.76290	0.0776188	0.29192445	2.2505521	21	10 31.1	19.6
362745 2011 UP_{325}	17.2	X	246.68825	216.18303	204.45073	5.90081	0.0884341	0.27529172	2.3403130	21	7 25.3	20.3
362746 2011 UF_{334}	17.7	X	212.94548	303.26087	171.94588	5.18882	0.0733520	0.28336731	2.2956353	21	8 31.5	20.8
362747 2011 UJ_{335}	17.4	X	197.59075	30.69803	33.68192	6.03919	0.1962305	0.26686118	2.3893464	21	5 30.8	21.3
362748 2011 UX_{335}	16.4	X	333.53252	123.23979	27.62662	22.55525	0.0222233	0.23259158	2.6186255	21	—	—
362749 2011 UP_{339}	17.7	X	215.65335	329.30248	125.93164	4.32149	0.1255582	0.28209196	2.3025492	21	8 2.5	21.0
362750 2011 UQ_{361}	17.3	X	211.44000	44.20228	53.12867	7.05347	0.0588709	0.27358752	2.3500216	21	8 8.9	20.5
362751 2011 UU_{383}	17.6	X	311.12151	85.01935	287.30841	6.04788	0.1186360	0.28403249	2.2920497	21	8 18.5	19.8
362752 2011 UB_{396}	15.5	X	218.26594	283.51226	190.95138	24.98159	0.2907523	0.17536276	3.1611454	21	8 9.9	21.4
362753 2011 UT_{404}	17.1	X	152.34400	41.43083	39.43164	7.12844	0.0970556	0.25978681	2.4325288	21	5 4.6	20.6
362754 2011 UX_{404}	16.5	X	311.18685	305.29401	177.48166	8.41735	0.1612069	0.21138095	2.7909935	21	—	—
362755 2011 VE	17.1	X	81.63532	221.56482	203.27967	4.12514	0.1706666	0.23007138	2.6377137	21	1 24.3	20.1
362756 2011 VS_{10}	16.9	X	255.64917	168.25135	241.42754	6.36713	0.1050350	0.27379354	2.3488426	21	7 19.3	20.0
362757 2011 VQ_{22}	16.8	X	142.98263	31.18960	359.89332	11.88876	0.1961317	0.24074615	2.5591543	21	3 5.7	20.7
362758 2011 WR_{6}	17.7	X	132.22686	358.44946	243.68862	5.19270	0.1116457	0.29577221	2.2309909	21	11 18.5	20.9
362759 2011 WB_{13}	15.4	X	230.53850	26.96682	62.20363	27.50270	0.1425841	0.17377636	3.1803548	21	8 14.6	20.8
362760 2011 WP_{15}	15.3	X	183.91541	56.98468	68.53563	12.49737	0.0483942	0.17484780	3.1673491	21	8 10.9	20.2
362761 2011 WL_{27}	17.3	X	287.17553	229.04890	154.07360	6.35910	0.1372329	0.27704644	2.3304207	21	7 21.8	20.0
362762 2011 WB_{30}	16.2	X	251.59303	96.74927	349.95206	6.47622	0.2179212	0.17662559	3.1460597	21	8 17.4	21.0
362763 2011 WD_{37}	16.5	X	24.44281	98.12864	53.68649	27.92411	0.1258315	0.23608535	2.5927264	21	2 24.2	20.1
362764 2011 WM_{38}	16.7	X	81.33015	172.13425	239.91368	3.28763	0.0578053	0.22479279	2.6788463	21	—	—
362765 2011 WY_{41}	16.3	X	29.24251	116.14857	93.71728	10.10813	0.0754023	0.25547280	2.4598366	21	5 10.7	19.1
362766 2011 WB_{44}	17.2	X	115.37414	20.82069	35.45046	4.80048	0.2378668	0.23461237	2.6035671	21	3 13.7	20.9
362767 2011 WA_{57}	17.8	X	119.78390	12.11529	139.63952	1.96350	0.1306686	0.25994272	2.4315560	21	7 5.6	21.0
362768 2011 WA_{62}	16.8	X	38.60023	262.42086	228.08901	3.94208	0.1394957	0.23052737	2.6342342	21	2 2.9	19.6
362769 2011 WE_{77}	16.9	X	221.54990	194.25863	260.07140	5.59989	0.0998993	0.27608452	2.3358306	21	8 8.1	20.1
362770 2011 WD_{83}	17.6	X	190.78405	343.70960	195.24062	2.09605	0.0951106	0.28934705	2.2638970	21	10 30.4	20.7
362771 2011 WU_{83}	16.9	X	89.12492	253.18026	212.41287	5.10308	0.0858747	0.23988932	2.5652446	21	3 17.0	20.0
362772 2011 WD_{90}	16.9	X	16.85039	0.23629	74.01968	5.95078	0.1401059	0.21106017	2.7938207	21	—	—
362773 2011 WE_{99}	16.7	X	68.68421	148.73867	240.30771	3.28285	0.0796262	0.21457557	2.7632226	21	—	—
362774 2011 WS_{100}	17.1	X	35.64564	75.91800	89.11908	3.91283	0.0711153	0.24035296	2.5619446	21	3 18.4	20.0
362775 2011 WT_{100}	17.2	X	308.07442	135.56370	236.98131	4.05237	0.1618464	0.28102249	2.3083872	21	8 6.4	19.3
362776 2011 WT_{104}	17.0	X	73.05997	91.03727	31.53969	14.45826	0.0915498	0.24152459	2.5536526	21	3 24.1	20.1
362777 2011 WK_{105}	16.3	X	291.87693	171.29924	280.23185	4.25727	0.0911884	0.19189076	2.9769166	21	10 30.0	20.2
362778 2011 WY_{105}	16.1	X	195.49215	155.29175	9.62999	18.90959	0.0320914	0.17494586	3.1661655	21	10 7.4	20.7
362779 2011 WZ_{106}	18.0	X	156.08321	200.08002	38.53021	4.26569	0.0759388	0.29980999	2.2109147	21	12 10.9	21.0
362780 2011 WB_{107}	16.7	X	169.96826	256.53007	158.16245	0.76725	0.1488471	0.24649057	2.5192379	21	4 24.2	20.7
362781 2011 WK_{113}	16.5	X	42.34954	60.40148	23.75404	9.31871	0.1593932	0.21925075	2.7238007	21	—	—
362782 2011 WE_{114}	16.1	X	57.11865	234.98071	189.90583	28.11532	0.1606376	0.22208120	2.7006078	21	—	—
362783 2011 WN_{115}	16.3	X	92.10263	78.09632	23.06201	13.69378	0.1157640	0.23936188	2.5690115	21	3 25.2	19.5
362784 2011 WF_{120}	17.1	X	144.84045	168.37415	280.31104	4.88265	0.0975275	0.25167259	2.4845368	21	5 5.8	20.8
362785 2011 WJ_{121}	16.2	X	316.05987	134.55386	341.19278	7.75654	0.1614459	0.20144767	2.8820038	21	—	—
362786 2011 WT_{126}	17.2	X	122.51108	340.33433	223.97653	5.90837	0.1423657	0.28136062	2.3065374	21	9 17.5	20.6
362787 2011 WE_{129}	17.4	X	80.28078	259.12305	174.05059	1.02146	0.0845695	0.22931556	2.6435064	21	1 23.2	20.6
362788 2011 WM_{132}	17.6	X	58.30623	68.82546	227.38612	6.10268	0.1435076	0.29280421	2.2460418	21	11 10.5	20.4
362789 2011 WO_{132}	16.8	X	61.04258	111.98180	52.20768	3.46431	0.0642433	0.24495235	2.5297735	21	4 23.5	19.8
362790 2011 WH_{133}	16.3	X	21.61881	284.45710	197.66046	17.86521	0.1071122	0.22568497	2.6717816	21	—	—
362791 2011 WK_{138}	18.0	X	85.32367	271.23772	30.89183	3.55837	0.0656426	0.30172212	2.2015638	21	12 13.0	20.7
362792 2011 WA_{140}	17.2	X	88.15633	81.36841	56.29438	4.36450	0.0683999	0.24733614	2.5134929	21	4 27.3	20.1
362793 Suetolson	16.5	X	67.00822	307.24738	90.60446	13.63861	0.1322299	0.21518762	2.7579806	21	—	—
362794 2011 WO_{141}	15.7	X	291.60378	285.57085	254.61104	7.55602	0.0911530	0.21822327	2.7323438	21	—	—
362795 2011 WG_{147}	15.9	X	51.35607	293.20810	105.20938	15.93958	0.1488679	0.20390492	2.8588031	21	—	—
362796 2011 WW_{148}	16.1	X	69.81896	76.79338	46.04250	22.35113	0.1304452	0.23183599	2.6243120	21	4 1.7	19.5
362797 2011 WB_{152}	17.6	X	265.39605	149.77046	315.62564	7.50030	0.0425008	0.29459613	2.2369246	21	11 1.7	20.4
362798 2011 WM_{153}	16.4	X	180.08312	337.74753	46.81878	15.05547	0.1796591	0.24233070	2.5479863	21	4 3.4	20.7
362799 2011 WX_{153}	16.0	X	256.51833	263.92061	54.06508	27.01598	0.1484591	0.24166346	2.5526742	21	4 2.3	20.4
362800 2011 XP	17.0	X	6.50727	13.72938	84.95839	5.32208	0.1725261	0.21329517	2.7742698	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362801 2011 XG_3	17.0	X	80.13137	1.96182	128.57723	8.95551	0.1202022	0.24078308	2.5588927	21	4 18.1	20.2
362802 2011 YY_2	15.0	X	200.14436	245.64651	280.07034	20.30848	0.0433198	0.17782341	3.1319160	21	10 4.2	20.0
362803 2011 YF_3	16.9	X	180.58163	250.46857	137.44117	6.16587	0.1567650	0.24704121	2.5154930	21	4 3.1	20.9
362804 2011 YR_4	16.4	X	44.77431	92.90339	311.20261	5.26706	0.0841664	0.20621412	2.8374210	21	—	—
362805 2011 YZ_4	15.6	X	206.77881	64.25630	73.37764	5.91517	0.1093402	0.17072275	3.2181660	21	9 15.1	20.6
362806 2011 YQ_5	16.2	X	267.55893	315.95757	112.29074	5.71746	0.1110929	0.17239574	3.1973121	21	8 26.8	20.6
362807 2011 YJ_{12}	17.0	X	278.43980	271.69017	159.16717	1.43116	0.1565825	0.17504359	3.1649868	21	9 5.0	21.2
362808 2011 YM_{12}	16.2	X	49.04030	319.33489	116.45986	5.99126	0.0048394	0.21161550	2.7889308	21	—	—
362809 2011 YF_{18}	15.9	X	301.59598	283.17673	113.19212	5.90427	0.1713334	0.17240135	3.1972428	21	8 23.8	20.0
362810 2011 YG_{27}	15.9	X	261.81129	355.79531	89.09013	9.50148	0.0672440	0.17358955	3.1826361	21	9 19.3	20.5
362811 2011 YB_{34}	16.3	X	278.38353	231.85290	315.35655	5.03376	0.0341339	0.20499991	2.8486140	21	—	—
362812 2011 YV_{37}	15.8	X	174.27405	69.26120	146.30026	5.57818	0.0706003	0.17883318	3.1201153	21	11 15.2	20.5
362813 2011 YB_{46}	16.6	X	167.56368	290.24575	74.48232	7.06251	0.0563460	0.22553836	2.6729394	21	2 16.3	20.5
362814 2011 YA_{47}	16.3	X	87.72736	319.19308	91.85275	9.27894	0.0921768	0.21650101	2.7468151	21	1 9.8	19.7
362815 2011 YL_{50}	16.4	X	157.66053	219.12771	146.05666	7.79645	0.3229780	0.23824624	2.5770252	21	2 24.1	21.0
362816 2011 YT_{57}	16.4	X	204.63704	113.79018	52.65355	1.88457	0.1283945	0.17513667	3.1638654	21	10 13.8	21.2
362817 2011 YN_{70}	16.6	X	95.34577	192.27012	230.87552	2.60302	0.0838994	0.23000985	2.6381841	21	1 30.7	19.9
362818 2011 YK_{73}	15.5	X	210.93220	49.15142	100.76793	10.85788	0.0373532	0.17404321	3.1771033	21	10 13.2	20.3
362819 2011 YT_{73}	15.3	X	173.92068	77.07599	110.49598	16.54337	0.0344371	0.17285975	3.1915877	21	10 19.1	20.3
362820 2011 YW_{74}	16.2	X	218.72857	85.95798	68.42570	5.39459	0.0971561	0.17725247	3.1386377	21	10 18.1	20.9
362821 2011 YL_{77}	16.1	X	88.42721	313.26211	33.73115	2.34079	0.0654875	0.19848191	2.9106418	21	—	—
362822 2011 YV_{77}	17.5	X	253.29833	250.51701	175.52865	6.63386	0.0728241	0.27710040	2.3301182	21	8 14.0	20.3
362823 2011 YP_{78}	16.1	X	270.91140	9.48817	88.29258	11.75735	0.0876719	0.17885401	3.1198730	21	10 15.6	20.6
362824 2011 YB_{79}	16.3	X	93.95160	281.44222	102.17587	6.99629	0.0562614	0.20834940	2.8180014	21	—	—
362825 2012 AQ_1	15.6	X	220.47419	77.83968	86.34320	8.43595	0.1117533	0.18122602	3.0925900	21	10 31.7	20.3
362826 2012 AR_3	16.4	X	336.95992	207.14291	300.33394	2.76068	0.0853319	0.21008080	2.8024969	21	—	—
362827 2012 AA_4	16.1	X	170.88502	197.67901	104.04055	7.46863	0.0906031	0.20889109	2.8131277	21	—	—
362828 2012 AS_8	15.5	X	118.01209	142.16736	119.23734	17.66212	0.0747849	0.17699595	3.1416695	21	11 15.8	20.5
362829 2012 AS_{12}	15.1	X	199.53575	179.19160	340.64332	16.36875	0.0620499	0.17316363	3.1878529	21	9 29.2	20.0
362830 2012 AZ_{13}	16.2	X	267.07622	18.52508	121.22932	6.36594	0.1159274	0.18389739	3.0625675	21	11 23.8	20.3
362831 2012 AF_{17}	15.1	X	217.39142	236.77110	297.94250	14.15284	0.0831603	0.17856355	3.1232554	21	11 4.9	20.0
362832 2012 AC_{19}	15.9	X	34.60859	333.44420	125.17486	10.18525	0.1086986	0.21118954	2.7926796	21	—	—
362833 2012 AJ_{19}	16.2	X	139.45783	308.42201	80.09858	12.59503	0.0465308	0.22320534	2.6915327	21	2 13.5	20.1
362834 2012 AE_{21}	15.8	X	241.44745	332.09498	168.50119	8.06838	0.1423098	0.17950678	3.1123049	21	10 21.1	20.4
362835 2012 AS_{22}	16.3	X	209.88912	355.77437	304.59690	4.18223	0.0211652	0.21628947	2.7486058	21	1 13.7	20.2
362836 2012 BH	15.8	X	6.41488	56.75373	306.42397	8.09487	0.0714228	0.18112043	3.0937918	21	10 24.1	19.9
362837 2012 BU_2	15.1	X	165.08040	292.86797	302.00064	15.80090	0.0826837	0.18307717	3.0717079	21	11 25.2	20.1
362838 2012 BR_3	15.3	X	279.19475	296.87932	112.12513	22.29966	0.0762196	0.16857192	3.2454822	21	8 24.3	20.0
362839 2012 BV_{10}	15.5	X	90.56763	172.39454	153.30900	11.09776	0.0397230	0.18086433	3.0967117	21	12 23.3	20.1
362840 2012 BO_{12}	17.3	X	89.25510	104.12643	148.48105	2.45600	0.1431490	0.26473781	2.4021055	21	10 17.1	20.6
362841 2012 BW_{15}	16.5	X	74.82216	280.85068	131.94908	2.94648	0.0279718	0.20967689	2.8060948	21	—	—
362842 2012 BV_{20}	15.7	X	80.81363	298.62418	18.85141	12.42957	0.0935384	0.18549569	3.0449500	21	12 7.1	20.3
362843 2012 BJ_{21}	15.3	X	167.99695	280.16700	274.05991	14.24544	0.0537462	0.17341843	3.1847295	21	10 5.6	20.3
362844 2012 BD_{22}	15.5	X	192.27434	313.27627	274.72796	8.56162	0.0345756	0.18964328	3.0003902	21	12 21.8	19.9
362845 2012 BE_{22}	16.7	X	225.56482	58.29876	218.89953	3.55820	0.0222803	0.21440126	2.7647200	21	1 3.5	20.6
362846 2012 BS_{25}	15.9	X	342.01689	31.84817	95.69895	14.69049	0.1799875	0.20979368	2.8050533	21	—	—
362847 2012 BD_{28}	16.6	X	207.91052	220.86324	74.82337	6.79455	0.0487105	0.21268557	2.7795684	21	1 7.1	20.6
362848 2012 BQ_{30}	15.7	X	183.09529	68.51268	124.40159	11.32915	0.0737567	0.17848605	3.1241594	21	10 31.4	20.6
362849 2012 BV_{30}	16.2	X	34.38566	328.30491	128.57229	15.29399	0.0709199	0.21358557	2.7717546	21	—	—
362850 2012 BY_{31}	16.3	X	190.59784	123.71380	52.79550	6.43519	0.1417939	0.17312517	3.1883250	21	10 12.9	21.5
362851 2012 BR_{32}	15.9	X	214.32342	179.42324	327.12061	10.09583	0.0663565	0.17402804	3.1772879	21	9 30.4	20.8
362852 2012 BS_{32}	15.8	X	248.03216	23.16762	100.80367	12.38893	0.0513628	0.17800311	3.1298077	21	10 24.3	20.4
362853 2012 BE_{33}	16.2	X	184.69157	189.69831	82.44514	6.88004	0.0814069	0.19963340	2.8994385	21	—	—
362854 2012 BJ_{33}	15.2	X	105.36780	163.70895	108.64564	17.99842	0.0873901	0.17723726	3.1388173	21	11 16.6	20.2
362855 2012 BN_{36}	16.8	X	125.37832	132.54876	164.45122	2.85959	0.0424165	0.19366978	2.9586583	21	12 30.1	21.2
362856 2012 BP_{38}	16.1	X	27.91481	283.74318	115.03889	12.15172	0.1022038	0.19569813	2.9381791	21	—	—
362857 2012 BL_{43}	16.0	X	153.65626	119.52887	115.57099	9.16908	0.1476287	0.17714451	3.1399128	21	11 18.2	21.2
362858 2012 BO_{47}	15.5	X	351.59805	13.52724	340.70237	10.00290	0.0981798	0.16928019	3.2364231	21	9 21.6	19.6
362859 2012 BS_{54}	15.3	X	120.77923	179.17098	128.71980	9.56503	0.0806165	0.18423179	3.0588605	21	—	—
362860 2012 BJ_{58}	16.5	X	284.89213	68.89077	38.16789	2.79572	0.0579808	0.18432180	3.0578646	21	11 12.9	20.4
362861 2012 BQ_{58}	16.0	X	220.77910	182.75106	105.37331	9.29656	0.1918296	0.21528224	2.7571723	21	1 10.6	20.6
362862 2012 BS_{58}	16.3	X	147.77608	256.65884	100.96024	6.42562	0.0659159	0.21764176	2.7372086	21	1 15.6	20.2
362863 2012 BB_{60}	15.7	X	183.74208	79.01779	106.66133	10.47644	0.1601180	0.17220876	3.1996260	21	10 19.7	21.1
362864 2012 BE_{60}	15.4	X	108.42676	330.09462	312.02124	16.46234	0.1916197	0.17999607	3.1066622	21	12 1.6	20.8
362865 2012 BA_{64}	16.1	X	254.53244	81.80489	153.38209	4.77372	0.0528783	0.20964323	2.8063951	21	—	—
362866 2012 BA_{65}	15.8	X	358.87765	234.76614	129.16687	17.20003	0.2145994	0.18158172	3.0885500	21	11 4.9	19.5
362867 2012 BO_{67}	16.5	X	67.79994	253.42296	149.65115	6.87925	0.0725125	0.20841111	2.8174452	21	—	—
362868 2012 BD_{76}	15.9	X	151.24560	145.58349	136.21829	10.07740	0.0519966	0.18861724	3.0112614	21	—	—
362869 2012 BH_{78}	16.0	X	179.44363	171.71866	56.66992	2.45470	0.1209891	0.18040829	3.1019281	21	12 1.6	21.0
362870 2012 BU_{79}	17.2	X	322.75555	173.93251	31.99550	2.79282	0.0281962	0.22001628	2.7174788	21	2 1.6	20.8
362871 2012 BW_{81}	15.4	X	133.62986	301.73136	315.39912	9.91426	0.0738101	0.17897666	3.1184476	21	11 18.3	20.3
362872 2012 BZ_{87}	16.4	X	39.79504	328.80896	61.31799	3.22721	0.0437254	0.18790126	3.0189060	21	—	—
362873 2012 BD_{89}	16.5	X	63.24582	338.15159	47.04771	3.60668	0.2365199	0.20444549	2.8537616	21	—	—
362874 2012 BE_{89}	15.9	X	196.26515	108.47059	115.65991	11.97784	0.0572815	0.18645337	3.0345145	21	12 19.7	20.5
362875 2012 BO_{91}	15.9	X	325.69749	295.84934	130.94177	10.63992	0.0797215	0.18082812	3.0971250	21	11 21.0	20.0
362876 2012 BJ_{92}	16.2	X	111.38007	141.84045	120.41379	2.01434	0.0623161	0.17098360	3.2148921	21	11 2.4	20.8
362877 2012 BP_{101}	15.9	X	328.35011	269.01550	121.97826	5.36802	0.0494138	0.17284974	3.1917110	21	10 10.0	20.2
362878 2012 BK_{102}	16.0	X	222.01607	101.13578	96.59191	7.71004	0.0622166	0.18961636	3.0006742	21	12 16.5	20.3
362879 2012 BO_{102}	16.6	X	314.45793	247.76887	314.56360	1.59431	0.0548464	0.21770003	2.7367202	21	1 13.3	20.3
362880 2012 BW_{102}	15.9	X	152.00481	130.31604	89.51267	6.25333	0.0669597	0.17516845	3.1634827	21	10 28.6	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362881 2012 BR_{105}	16.1	X	324.41359	219.99752	173.04230	11.21175	0.0438282	0.17418787	3.1753439	21	10 6.5	20.3
362882 2012 BJ_{106}	15.3	X	344.10771	298.31261	92.38075	12.37528	0.0934194	0.17869553	3.1217174	21	11 4.4	19.4
362883 2012 BQ_{107}	15.9	X	234.91696	175.42057	118.66478	26.43087	0.0979183	0.21887866	2.7268868	21	1 31.9	20.1
362884 2012 BE_{108}	16.9	X	220.74595	352.17051	327.84409	2.38739	0.1035878	0.22404516	2.6848025	21	2 16.7	20.9
362885 2012 BF_{109}	16.7	X	349.37917	358.09647	107.72678	3.16977	0.0418479	0.19846318	2.9108249	21	—	—
362886 2012 BG_{110}	16.3	X	236.82059	211.07687	142.19514	9.46197	0.1076402	0.23768442	2.5810846	21	4 17.6	20.3
362887 2012 BG_{111}	16.6	X	297.20654	314.83849	216.17673	0.86116	0.0276148	0.19937959	2.9018987	21	—	—
362888 2012 BU_{112}	15.5	X	110.05577	120.23476	147.01535	14.71863	0.0249972	0.17061843	3.2194777	21	11 7.2	20.4
362889 2012 BA_{116}	16.5	X	131.61701	56.43756	306.35011	5.46142	0.0261821	0.21079707	2.7961449	21	—	—
362890 2012 BC_{125}	16.2	X	172.19335	28.07089	216.07832	4.32815	0.0882325	0.18260217	3.0770326	21	12 14.8	20.9
362891 2012 BT_{127}	15.2	X	132.17132	122.84630	143.39752	10.58161	0.0605436	0.17660494	3.1463049	21	12 1.3	20.1
362892 2012 BF_{129}	16.9	X	221.22907	185.48438	161.04749	5.68799	0.0708300	0.22955940	2.6416341	21	3 23.2	20.7
362893 2012 BH_{129}	16.6	X	153.41533	145.41961	210.07466	3.08415	0.1051867	0.21317750	2.7752906	21	1 23.5	20.8
362894 2012 BK_{130}	16.4	X	234.24607	268.09445	27.93490	6.83867	0.0304488	0.21947800	2.7219202	21	2 7.8	20.3
362895 2012 BS_{131}	15.6	X	298.13164	75.86544	66.01468	11.46992	0.0905050	0.19468793	2.9483341	21	—	—
362896 2012 BP_{132}	16.4	X	88.63639	210.18695	243.66537	10.28908	0.0903544	0.22626809	2.6671893	21	2 27.8	20.0
362897 2012 BS_{144}	16.0	X	348.03186	268.68523	123.82108	2.88256	0.0802876	0.17812875	3.1283358	21	11 8.3	20.0
362898 2012 BO_{145}	17.1	X	28.05064	198.79187	135.94987	7.67961	0.1586347	0.28187603	2.3037249	21	11 25.0	19.8
362899 2012 BB_{146}	15.5	X	291.44574	284.02907	136.23204	10.89731	0.0281637	0.17163660	3.2067329	21	9 30.2	20.0
362900 2012 CV_{2}	16.5	X	234.31411	136.92106	163.97529	4.64932	0.0719041	0.22016049	2.7162921	21	2 8.4	20.5
362901 2012 CH_{5}	15.8	X	269.75895	35.44228	57.85508	8.38666	0.1186838	0.17256006	3.1952821	21	10 1.2	20.3
362902 2012 CX_{5}	15.7	X	47.18811	240.01008	109.86041	11.92572	0.0580024	0.18051611	3.1006928	21	12 5.0	20.1
362903 2012 CC_{16}	15.9	X	119.20631	132.57182	144.46114	9.51196	0.0207660	0.17824600	3.1269638	21	11 27.7	20.5
362904 2012 CO_{17}	16.5	X	122.39279	268.88163	152.38030	5.40797	0.0206758	0.22397939	2.6853281	21	2 25.9	19.9
362905 2012 CB_{19}	15.3	X	233.81016	74.17423	97.15018	9.68260	0.0375989	0.18105826	3.0945000	21	12 1.3	19.8
362906 2012 CH_{19}	15.8	X	308.78901	82.35880	35.43543	9.26981	0.1047781	0.18942481	3.0026968	21	12 27.5	19.6
362907 2012 CU_{24}	16.0	X	133.45633	20.00937	244.28720	4.27959	0.1318222	0.17400831	3.1775280	21	11 30.6	21.1
362908 2012 CP_{27}	16.9	X	325.16222	288.59706	60.57993	2.83937	0.1922331	0.26648383	2.3916014	21	8 2.2	18.9
362909 2012 CE_{30}	16.2	X	168.79316	221.32223	75.91039	10.53326	0.0386043	0.20159062	2.8806412	21	—	—
362910 2012 CM_{30}	16.3	X	169.02361	138.81057	82.43108	2.55237	0.1151671	0.17717735	3.1395248	21	11 14.0	21.1
362911 Miguelhurtado	15.3	X	119.30675	144.56511	133.97433	10.31670	0.0788778	0.17877356	3.1208090	21	12 3.5	20.1
362912 2012 CJ_{36}	15.9	X	220.54350	172.48675	96.46796	10.46283	0.0939886	0.20489997	2.8495401	21	—	—
362913 2012 CM_{37}	15.8	X	300.17016	258.79865	195.28133	6.37007	0.0678094	0.18294355	3.0732035	21	11 17.5	19.8
362914 2012 CV_{38}	16.4	X	74.72796	142.79709	282.36102	2.27841	0.0796905	0.21265794	2.7798092	21	1 8.4	19.7
362915 2012 CS_{40}	13.6	X	20.18973	279.19758	127.83103	10.80809	0.0428098	0.08159318	5.2646173	21	12 16.4	20.4
362916 2012 CE_{42}	16.8	X	61.13847	314.07924	123.46408	5.28549	0.0492482	0.20970504	2.8058437	21	1 2.9	20.4
362917 2012 CK_{43}	15.7	X	166.72049	126.91536	75.10511	10.43256	0.1076115	0.17079906	3.2172074	21	10 23.5	20.8
362918 2012 CH_{51}	15.4	X	325.22199	263.57540	156.31578	17.45971	0.1111266	0.17717442	3.1395594	21	11 11.3	19.6
362919 2012 CP_{52}	15.6	X	283.80199	117.73663	17.90692	10.46114	0.0692172	0.18728581	3.0255161	21	12 15.2	19.8
362920 2012 DV_{2}	15.4	X	30.12455	232.79242	134.68609	11.04438	0.0852125	0.17558044	3.1585321	21	12 7.3	19.8
362921 2012 DS_{3}	15.8	X	267.37726	253.91566	175.14927	12.47881	0.0586047	0.16675101	3.2690663	21	8 31.9	20.5
362922 2012 DK_{6}	15.3	X	133.77626	145.08952	149.22577	11.40787	0.1136855	0.18377767	3.0638975	21	—	—
362923 2012 DN_{10}	15.3	X	43.87461	283.96245	83.39372	5.04145	0.0544247	0.17938083	3.1137616	21	12 19.3	19.6
362924 2012 DW_{18}	15.6	X	110.70429	203.05170	119.21027	10.28593	0.0521095	0.18704753	3.0280851	21	—	—
362925 2012 DX_{30}	17.1	X	123.69771	274.41103	187.29508	27.45415	0.3965328	0.23452736	2.6041963	21	5 31.8	22.2
362926 2012 DO_{42}	15.0	X	174.35222	342.34137	155.78936	10.71758	0.0322410	0.15074573	3.4965469	21	8 9.8	20.1
362927 2012 DO_{47}	16.4	X	279.96178	189.75781	139.47231	14.44456	0.1850326	0.24390546	2.5370072	21	4 26.9	20.3
362928 2012 DP_{68}	15.7	X	81.63326	155.27216	155.22390	11.03367	0.0804259	0.17614708	3.1517548	21	11 30.9	20.5
362929 2012 DV_{77}	15.1	X	195.87759	99.10102	81.63128	13.10395	0.0273128	0.16920388	3.2373961	21	11 1.5	19.9
362930 2012 DW_{77}	14.8	X	34.58623	244.06687	114.55361	16.63354	0.0302845	0.17407228	3.1767495	21	11 27.6	19.4
362931 2012 ES_{4}	15.0	X	38.17027	105.38622	173.50750	10.28953	0.0494198	0.15002597	3.5077214	21	8 20.0	19.9
362932 2012 FO_{2}	15.8	X	48.51004	231.12411	156.76344	3.36188	0.1252612	0.18970124	2.9997790	21	—	—
362933 2012 FP_{7}	16.6	X	92.47408	174.73542	181.72851	1.64617	0.0760653	0.19066944	2.9896154	21	—	—
362934 2012 HU_{21}	15.5	X	157.97350	213.56578	115.52469	10.78208	0.0823134	0.18652802	3.0337049	21	—	—
362935 2012 JB_{5}	15.7	X	56.96409	345.55112	108.21222	30.16942	0.1409468	0.22270979	2.6955238	21	1 20.3	18.6
362936 2012 UL_{84}	16.2	X	35.26377	283.00707	79.15975	18.59227	0.2078406	0.22686114	2.6625390	21	—	—
362937 2012 VD_{80}	17.3	X	41.49101	283.92399	122.53235	25.14054	0.0829267	0.35338026	1.9814108	21	—	—
362938 2012 WN_{33}	15.1	X	349.73417	9.37556	273.29021	15.86658	0.0768877	0.17933965	3.1142383	21	6 18.8	19.0
362939 2012 XF_{2}	15.2	X	236.11942	326.28937	90.01030	12.24723	0.0375496	0.18549660	3.0449400	21	7 13.0	19.6
362940 2012 XH_{50}	16.1	X	8.83652	206.34401	244.46749	7.65490	0.0430962	0.23880772	2.5729843	21	—	—
362941 2012 XO_{101}	15.9	X	202.76212	233.52631	270.89421	12.67344	0.1378258	0.19815286	2.9138631	21	9 9.4	20.8
362942 2012 XZ_{115}	15.7	X	176.07680	104.15218	202.24850	11.61695	0.1170594	0.24748087	2.5125129	21	—	—
362943 2012 XR_{138}	16.2	X	285.15591	31.76160	150.74860	7.36910	0.0728096	0.23829073	2.5767045	21	—	—
362944 2012 YX_{1}	17.0	X	82.87682	298.90549	152.33786	4.04268	0.1127369	0.25311748	2.4750727	21	2 18.9	19.7
362945 2013 AJ_{2}	16.5	X	334.02339	218.34099	281.02162	12.28287	0.2184055	0.22634899	2.6665537	21	—	—
362946 2013 AP_{23}	18.1	X	118.27287	12.32081	100.47729	2.26999	0.1461600	0.26746049	2.3857758	21	5 13.8	21.3
362947 2013 AX_{27}	15.0	X	238.38885	273.15540	124.92023	16.00519	0.1079474	0.17300950	3.1897458	21	6 16.6	20.0
362948 2013 AU_{36}	18.2	X	133.17194	122.97149	356.36184	2.26393	0.1586949	0.27650971	2.3334354	21	6 9.1	21.5
362949 2013 AF_{37}	16.4	X	156.83059	207.54414	291.75879	3.16852	0.1129022	0.17162796	3.2068405	21	7 26.5	21.3
362950 2013 AV_{40}	17.3	X	100.18477	303.08283	147.51632	2.59706	0.1808521	0.25777455	2.4451717	21	3 27.3	20.1
362951 2013 AR_{56}	17.6	X	82.83591	205.82912	354.41492	2.82810	0.1520580	0.28012037	2.3133406	21	7 31.5	20.4
362952 2013 AE_{58}	15.9	X	284.57364	184.20697	314.55495	8.20572	0.0997364	0.21246093	2.7815273	21	12 24.4	19.3
362953 2013 AK_{69}	16.3	X	226.45777	215.77868	327.64674	1.41672	0.1764999	0.20365125	2.8611766	21	11 22.4	20.5
362954 2013 AG_{74}	15.6	X	107.02483	259.84679	326.70243	12.89328	0.1778031	0.17591426	3.1545350	21	9 22.1	20.8
362955 2013 AB_{78}	16.1	X	224.38508	269.90455	314.34268	7.47335	0.0709177	0.21967091	2.7203264	21	—	—
362956 2013 AV_{86}	17.6	X	302.10348	81.03624	318.27428	5.83888	0.0485325	0.30785252	2.1722389	21	9 24.5	19.8
362957 2013 AY_{91}	16.2	X	10.25519	60.76654	339.58457	3.72911	0.0740292	0.21061979	2.7977137	21	12 25.9	19.7
362958 2013 AP_{102}	15.2	X	52.51213	331.70375	269.94508	12.30737	0.1200347	0.18083410	3.0970568	21	7 31.9	19.4
362959 2013 BQ_{14}	15.4	X	310.55642	54.32419	326.29288	9.01509	0.0867987	0.18019402	3.1043865	21	8 26.5	19.3
362960 2013 BF_{15}	17.4	X	51.11708	101.83937	119.99532	5.47820	0.2046610	0.27462489	2.3440999	21	7 22.9	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
362961 2013 BT_{24}	15.0	X	262.45365	237.75404	132.35941	16.68339	0.1053114	0.17122834	3.2118281	21	6 10.1	19.9
362962 2013 BS_{34}	17.6	X	72.07982	281.05355	272.39443	2.46378	0.1121468	0.27679453	2.3318345	21	6 27.9	20.1
362963 2013 BE_{53}	15.8	X	230.16203	158.03491	317.22825	8.44486	0.0856759	0.18988751	2.9978170	21	9 10.5	20.3
362964 2013 BL_{55}	15.7	X	350.70674	32.39738	296.59542	9.60087	0.0511407	0.18189542	3.0849979	21	8 18.6	19.8
362965 2013 BU_{56}	13.7	X	319.44503	299.23448	120.91990	10.13778	0.0740693	0.08633244	5.0701411	21	10 21.5	20.3
362966 2013 BB_{58}	17.4	X	191.16259	315.12967	139.40022	4.67046	0.0627152	0.28737849	2.2742239	21	7 6.8	20.3
362967 2013 BO_{67}	16.3	X	227.36395	321.81463	327.49115	12.96033	0.1664822	0.24271891	2.5452687	21	1 15.9	20.6
362968 2013 BF_{76}	17.8	X	79.56537	190.22475	340.39030	1.76628	0.1363685	0.26966917	2.3727311	21	6 9.6	20.5
362969 2013 BX_{76}	17.8	X	119.73067	283.85145	189.78208	0.78186	0.1339544	0.27116012	2.3640255	21	5 14.4	21.0
362970 2013 BS_{79}	15.6	X	196.05751	53.40629	91.84721	16.71999	0.1098682	0.18287999	3.0739154	21	9 19.5	20.7
362971 2013 CM_{8}	16.6	X	339.45659	282.05501	174.60766	2.11413	0.0497799	0.21694571	2.7430602	21	—	—
362972 2013 CT_{16}	16.4	X	353.97128	249.44387	158.55735	13.21293	0.0716688	0.20179992	2.8786491	21	12 11.6	20.3
362973 2013 CB_{17}	17.5	X	34.43153	100.24511	170.03293	7.60633	0.0908733	0.28217419	2.3021018	21	8 17.1	19.9
362974 2013 CR_{23}	16.9	X	63.06390	125.77708	307.50770	5.31820	0.1269476	0.23751071	2.5823429	21	—	—
362975 2013 CU_{33}	17.2	X	183.60970	102.88571	338.80991	11.26481	0.0162816	0.26957195	2.3733015	21	6 8.1	20.5
362976 2013 CK_{36}	13.3	X	290.04437	244.64408	217.10370	10.84748	0.0545902	0.07992016	5.3378350	21	10 28.8	20.2
362977 2013 CU_{37}	16.4	X	316.70796	304.38706	265.95116	12.04253	0.2244999	0.23397370	2.6083029	21	—	—
362978 2013 CG_{38}	16.4	X	356.57342	42.93146	95.08047	12.47084	0.1384683	0.23286757	2.6165560	21	—	—
362979 2013 CR_{50}	15.7	X	234.01576	25.82690	147.28196	15.79012	0.0779836	0.20528468	2.8459790	21	12 4.4	20.0
362980 2013 CM_{52}	16.6	X	70.93128	85.75906	134.67400	10.52053	0.0591128	0.27785841	2.3258785	21	7 26.9	19.2
362981 2013 CK_{58}	12.5	X	302.30877	296.65851	161.17146	25.77087	0.0879768	0.08247585	5.2269883	21	11 9.6	19.4
362982 2013 CT_{58}	13.8	X	327.74818	268.29224	150.18965	10.98039	0.2004443	0.08460003	5.1391235	21	10 20.1	19.8
362983 2013 CQ_{59}	16.4	X	164.73999	354.44028	152.71599	9.70101	0.1285773	0.17458608	3.1705137	21	8 12.9	21.5
362984 2013 CQ_{62}	17.9	X	167.76727	15.71753	155.57006	1.48319	0.0854538	0.29568802	2.2314144	21	9 24.8	20.7
362985 2013 CU_{66}	16.6	X	293.98233	17.73524	165.84342	9.83276	0.0718407	0.22293076	2.6937424	21	—	—
362986 2013 CT_{72}	16.1	X	201.32372	110.44135	139.19358	12.59483	0.1911004	0.21504986	2.7591583	21	—	—
362987 2013 CE_{87}	15.6	X	131.10418	84.58808	157.31753	16.56529	0.2107209	0.17848315	3.1241933	21	11 10.6	21.1
362988 2013 CO_{90}	16.1	X	203.33810	134.43614	18.01583	13.05443	0.2782554	0.18488296	3.0516740	21	9 20.9	21.5
362989 2013 CG_{113}	18.0	X	135.04440	117.06316	352.45428	1.12713	0.1383830	0.26597433	2.3946547	21	5 27.2	21.2
362990 2013 CL_{116}	17.1	X	359.23647	206.51817	33.69046	4.42459	0.1432395	0.25708372	2.4495501	21	4 25.0	19.4
362991 2013 CE_{120}	15.6	X	101.32775	95.58133	146.55731	11.61465	0.0323872	0.17730177	3.1380558	21	9 27.2	20.1
362992 2013 CW_{121}	16.7	X	348.14691	168.63888	342.82322	12.49235	0.0979473	0.22969223	2.6406155	21	—	—
362993 2013 CU_{130}	16.0	X	88.64164	277.21370	340.41882	17.17468	0.0428262	0.17659943	3.1463704	21	9 24.4	20.6
362994 2013 CE_{137}	16.9	X	332.03354	317.01162	157.91337	9.42690	0.1601850	0.21635251	2.7480719	21	—	—
362995 2013 CY_{138}	16.4	X	30.79703	65.81466	339.88873	2.58318	0.0907960	0.21370222	2.7707459	21	—	—
362996 2013 CU_{156}	16.7	X	248.84478	241.90179	56.08680	3.42429	0.1577306	0.24005696	2.5640502	21	2 14.1	20.8
362997 2013 CD_{158}	17.4	X	223.58485	31.66815	7.94661	6.38646	0.1095279	0.27351730	2.3504238	21	5 26.5	20.8
362998 2013 CU_{166}	16.9	X	353.91311	68.11937	0.50621	8.55886	0.1274169	0.20963135	2.8065012	21	—	—
362999 2013 CY_{171}	16.3	X	247.61090	103.44552	334.67020	4.27213	0.1670377	0.17816036	3.1279658	21	8 7.8	21.0
363000 2013 CN_{174}	16.1	X	26.66549	181.16239	194.21591	3.45498	0.0234826	0.19704800	2.9247452	21	12 7.5	20.1
363001 2013 CS_{179}	16.6	X	335.25827	81.38726	17.23205	4.00383	0.0672767	0.21288105	2.7778665	21	—	—
363002 2013 CM_{182}	15.4	X	138.32980	199.72576	311.43370	16.46675	0.0148429	0.16957431	3.2326797	21	7 16.9	20.0
363003 2013 CR_{182}	16.7	X	344.39107	123.39799	329.92517	1.61551	0.0426335	0.21939455	2.7226104	21	—	—
363004 2013 CH_{184}	17.4	X	358.75236	190.13719	340.46672	4.51191	0.1235278	0.23810863	2.5780181	21	1 20.4	20.3
363005 2013 CE_{188}	15.5	X	264.86172	45.45321	352.09611	10.02333	0.0889533	0.16985278	3.2291455	21	7 19.6	20.2
363006 2013 DC_{7}	17.0	X	25.98716	28.46489	77.18990	5.39282	0.0595499	0.22590312	2.6700613	21	—	—
363007 2013 DY_{15}	15.9	X	301.36868	287.68395	260.85339	12.56837	0.1373624	0.22202812	2.7010382	21	—	—
363008 2013 ES_{60}	16.5	X	299.01007	51.70301	169.20176	10.26625	0.1265521	0.22933875	2.6433282	21	1 4.6	20.5
363009 2013 EM_{93}	16.5	X	255.66033	54.40583	182.13755	7.96194	0.1733475	0.21366826	2.7710394	21	—	—
363010 1960 SA_{1}	16.3	X	227.18498	216.19096	202.74621	6.85767	0.2527879	0.17408090	3.1766447	21	6 18.2	21.7
363011 1981 ED_{4}	16.8	X	307.31064	276.54030	280.78707	5.89866	0.3046475	0.21777171	2.7361195	21	—	—
363012 1988 PH_{4}	16.6	X	301.47877	162.56421	180.08566	9.45882	0.4467368	0.23613767	2.5923434	21	4 30.0	20.4
363013 1993 TH_{17}	17.2	X	211.87444	320.41178	31.05313	4.87631	0.2575174	0.23260180	2.6185488	21	3 17.4	21.8
363014 1993 VM_{6}	15.5	X	330.68911	213.17181	232.11939	25.88117	0.1258881	0.17875186	3.1210616	21	12 15.2	19.5
363015 1995 SC_{60}	17.5	X	29.46302	76.87858	201.33875	5.31664	0.2037721	0.26324835	2.4111577	21	9 5.5	19.8
363016 1995 TO_{5}	18.5	X	122.26529	135.50238	202.80327	1.44132	0.0747265	0.31542924	2.1373128	21	—	—
363017 1995 VA_{10}	17.1	X	258.76006	337.91065	36.34834	5.13349	0.0932301	0.25646067	2.4535158	21	6 6.2	20.3
363018 1996 TA_{6}	17.3	X	327.39185	328.12367	31.67823	6.84362	0.2460348	0.27330583	2.3516361	21	8 23.7	18.8
363019 1996 TD_{8}	16.1	X	192.35522	171.78472	212.33430	15.06527	0.3943165	0.22130347	2.7069313	21	4 10.1	21.4
363020 1997 AK_{24}	16.3	X	177.17727	248.22940	119.69933	8.77560	0.2446838	0.21213542	2.7843720	21	3 14.3	21.2
363021 1997 EK_{1}	17.3	X	351.83044	354.61713	270.35129	5.93970	0.1142536	0.25285451	2.4767885	21	5 20.9	19.8
363022 1997 EK_{29}	15.9	X	348.92376	339.90181	125.15497	12.92135	0.0256244	0.19129325	2.9831124	21	—	—
363023 1997 RR_{2}	15.5	X	111.52959	127.54012	198.68384	13.24431	0.2888564	0.17392264	3.1785714	21	—	—
363024 1998 OK_{1}	19.3	X	132.04062	298.60888	109.66474	13.98770	0.4292106	0.62402985	1.3562273	21	—	—
363025 1998 SB_{4}	15.8	X	112.81467	155.47830	193.18321	10.26316	0.3033063	0.18370303	3.0647273	21	1 1.8	20.4
363026 1998 SK_{19}	16.5	X	139.24384	261.29708	35.68664	0.89349	0.1500963	0.18513382	3.0489166	21	—	—
363027 1998 ST_{27}	19.5	X	122.62298	322.47350	197.53949	21.06042	0.5299982	1.32884994	0.8193801	21	9 14.9	18.7
363028 1998 TQ_{24}	18.3	X	170.00688	248.91440	29.70764	0.37264	0.1421404	0.31400804	2.1437569	21	—	—
363029 1998 UW_{25}	16.0	X	139.05956	159.27999	193.75104	13.61138	0.2848171	0.18683257	3.0304072	21	1 26.3	21.2
363030 1998 VG_{40}	18.2	X	145.67986	261.51892	65.77008	6.04495	0.1541215	0.31410467	2.1433172	21	—	—
363031 1998 XX_{13}	15.2	X	85.16450	130.47522	243.36367	20.81172	0.2761941	0.18086802	3.0966696	21	—	—
363032 1999 FU_{64}	17.7	X	158.77391	23.92111	205.01802	6.17057	0.0463128	0.29131943	2.2536670	21	12 2.3	20.6
363033 1999 QN_{2}	17.2	X	39.67422	43.61179	272.08910	5.55921	0.2617474	0.27438949	2.3454404	21	11 27.1	20.1
363034 1999 RX_{79}	17.3	X	358.28068	181.67374	142.89584	1.67021	0.2037611	0.26880147	2.3778345	21	9 14.5	18.7
363035 1999 RS_{170}	17.2	X	343.00338	174.67313	161.65281	3.44783	0.2553651	0.26796325	2.3827907	21	8 22.1	18.4
363036 1999 RL_{172}	17.4	X	14.47350	270.72970	59.38652	3.08214	0.2478421	0.27154471	2.3617929	21	11 7.1	19.4
363037 1999 RA_{200}	16.6	X	283.73985	141.30735	229.93737	11.41721	0.1738547	0.26319803	2.4114650	21	6 22.6	19.8
363038 1999 TW_{39}	15.8	X	350.55552	200.00852	188.66753	17.88968	0.3205540	0.17909599	3.1170622	21	11 24.8	18.7
363039 1999 TE_{50}	17.1	X	333.42119	176.67923	181.08170	7.08393	0.1766844	0.26718088	2.3874400	21	9 5.2	18.8
363040 1999 TM_{125}	17.4	X	346.62012	172.33876	187.69477	2.75021	0.2161157	0.26928022	2.3750153	21	10 16.6	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363041 1999 TL_{166}	16.8	X	330.64107	131.53573	226.66051	9.58696	0.2330812	0.26702708	2.3883566	21	8 20.4	18.7
363042 1999 TE_{191}	15.4	X	302.87827	215.00321	239.51192	16.65891	0.1973904	0.18031215	3.1030306	21	11 5.4	19.0
363043 1999 TY_{215}	17.3	X	315.35106	192.63541	190.61661	8.87386	0.2109386	0.26639412	2.3921383	21	8 30.1	19.4
363044 1999 TY_{243}	16.7	X	249.11209	118.25947	221.37800	7.35985	0.2986815	0.21160470	2.7890257	21	3 26.9	21.8
363045 1999 TA_{275}	17.5	X	291.61395	173.66768	201.18029	6.25096	0.1366594	0.26427797	2.4048911	21	7 15.6	20.3
363046 1999 TJ_{306}	16.1	X	10.85095	113.55248	188.92026	9.67968	0.2242619	0.17794050	3.1305418	21	8 25.9	19.3
363047 1999 TR_{332}	16.3	X	0.11841	13.70286	19.02256	10.42875	0.0904740	0.18202421	3.0835426	21	11 24.2	20.3
363048 1999 UO_{17}	17.5	X	356.46111	313.40625	25.86863	2.46017	0.2321722	0.26956404	2.3733479	21	10 8.7	18.9
363049 1999 VG_{50}	15.3	X	353.60415	168.90156	244.59358	13.59575	0.1908440	0.18133842	3.0913119	21	12 20.4	18.8
363050 1999 VA_{75}	15.8	X	286.34364	217.51249	197.63291	15.98549	0.1943617	0.17419783	3.1752230	21	8 16.6	20.3
363051 1999 VS_{76}	16.5	X	117.64629	303.90679	90.60625	3.38032	0.1392213	0.19510240	2.9441571	21	2 9.1	20.6
363052 1999 VO_{89}	16.4	X	49.33583	149.46695	214.22903	13.17377	0.2611943	0.18502490	3.0501130	21	—	—
363053 1999 VS_{99}	16.0	X	108.64040	140.71959	225.92363	16.00547	0.2319278	0.19216515	2.9740822	21	1 5.2	20.4
363054 1999 VZ_{100}	17.0	X	312.54812	108.89614	231.94637	5.44223	0.2174638	0.26115451	2.4240283	21	6 16.9	19.4
363055 1999 VK_{105}	17.1	X	347.11559	94.69008	236.15029	4.51031	0.2100749	0.26390143	2.4071781	21	8 22.0	18.9
363056 1999 VA_{129}	15.8	X	173.22326	354.32100	227.08914	8.79577	0.0111997	0.18065212	3.0991362	21	11 22.2	20.1
363057 1999 VB_{135}	16.1	X	210.49228	285.93665	227.60245	8.81223	0.1783072	0.17509839	3.1643265	21	9 27.4	21.3
363058 1999 VH_{152}	15.6	X	27.98464	324.33531	64.40608	12.29847	0.0111014	0.18267647	3.0761981	21	12 19.9	20.0
363059 1999 VS_{183}	16.0	X	301.27016	21.81771	62.88674	16.38545	0.1583595	0.17713117	3.1400704	21	10 31.1	19.9
363060 1999 VF_{207}	16.2	X	354.53463	162.63436	217.13473	5.64715	0.1138292	0.17742382	3.1366166	21	11 2.4	19.8
363061 1999 XN_{221}	16.2	X	61.88174	217.67489	273.66491	11.76542	0.2293385	0.24087552	2.5582380	21	3 24.2	19.0
363062 1999 XS_{259}	15.2	X	45.92206	325.50924	60.86558	17.73838	0.0604631	0.18514846	3.0487558	21	—	—
363063 2000 AN_{117}	16.2	X	133.73003	290.84936	128.05782	13.63844	0.1455075	0.24087463	2.5582442	21	3 28.3	20.1
363064 2000 BA_{46}	17.5	X	35.79072	354.88885	136.15141	6.51359	0.1980857	0.23409799	2.6073796	21	1 29.6	19.6
363065 2000 BC_{48}	17.3	X	60.86876	14.06233	124.09414	5.00753	0.0778413	0.23922748	2.5699737	21	3 21.9	20.3
363066 2000 CT_{73}	17.1	X	348.74587	71.31763	137.09928	12.22976	0.1919025	0.23546785	2.5972573	21	2 15.4	19.7
363067 2000 CO_{101}	19.1	X	146.17965	64.95415	353.03988	15.32240	0.0900821	0.88252775	1.0764251	21	—	—
363068 2000 DS_{91}	17.4	X	113.72850	286.31272	164.01252	3.18287	0.1575646	0.23834831	2.5762895	21	4 12.3	20.9
363069 2000 EV_{106}	19.3	X	89.15471	255.35522	170.84388	33.47291	0.3486838	0.46553565	1.6487979	21	—	—
363070 2000 GY_{116}	17.4	X	187.22190	58.92369	192.12776	5.19211	0.0949555	0.30994981	2.1624287	21	—	—
363071 2000 GD_{147}	20.3	X	56.98596	182.24972	357.41771	7.09067	0.5490512	0.37807891	1.8941502	21	8 4.9	22.4
363072 2000 GP_{165}	16.5	X	305.92695	203.50101	10.00539	8.92353	0.1517159	0.22656832	2.6648326	21	1 2.4	20.4
363073 2000 LT_{29}	16.4	X	328.45034	351.83826	272.41228	10.84792	0.3184902	0.22890284	2.6466830	21	3 3.9	19.9
363074 2000 NF_{23}	16.5	X	28.90071	162.68579	133.00681	25.04021	0.1721077	0.28420740	2.2911092	21	10 10.6	19.5
363075 2000 OG_{8}	17.7	X	275.44358	71.69961	295.17380	5.26744	0.5476701	0.22730973	2.6590349	21	4 26.3	22.7
363076 2000 PH_{6}	17.7	X	251.17999	219.65402	152.34307	10.50572	0.5192735	0.22409925	2.6843704	21	4 26.8	23.2
363077 2000 QK	17.7	X	135.14046	177.59925	151.49140	1.33741	0.1968474	0.30098894	2.2051376	21	—	—
363078 2000 QU_{23}	17.2	X	20.47821	165.40382	179.88333	5.86972	0.1916473	0.28637516	2.2795327	21	12 3.6	19.6
363079 2000 QJ_{82}	18.2	X	147.35286	52.83446	274.92199	4.30814	0.2286585	0.30253159	2.1976350	21	—	—
363080 2000 QY_{129}	16.1	X	52.87445	148.16192	155.63155	17.47151	0.4368275	0.19617569	2.9334088	21	12 8.9	21.1
363081 2000 QD_{162}	17.2	X	277.28568	57.77436	286.63883	5.39439	0.2993905	0.22680274	2.6629960	21	4 23.1	21.5
363082 2000 QV_{167}	16.4	X	286.21211	156.34725	180.68830	14.42733	0.2660246	0.22660426	2.6645508	21	5 1.8	20.4
363083 2000 RZ_{27}	16.8	X	234.58225	156.43520	188.77359	17.26070	0.3075361	0.21992100	2.7182636	21	3 23.4	21.8
363084 2000 RD_{53}	19.9	X	249.25282	192.78491	175.95466	9.28313	0.4279136	0.41273690	1.7865720	21	4 16.8	23.0
363085 2000 RU_{57}	17.8	X	357.14154	27.51208	330.96960	3.88627	0.2134296	0.28332117	2.2958845	21	11 10.4	19.6
363086 2000 RK_{80}	17.1	X	315.59651	174.18650	207.84221	6.88047	0.1188150	0.28153864	2.3055650	21	9 11.5	19.4
363087 2000 RU_{102}	16.2	X	233.15214	164.48403	239.85799	10.59304	0.1626709	0.22429136	2.6828374	21	6 11.0	20.4
363088 2000 SC_{26}	17.9	X	53.10939	119.43868	225.12275	8.84893	0.2631007	0.29109753	2.2548121	21	—	—
363089 2000 SF_{93}	16.0	X	254.72871	127.69049	231.03103	8.13975	0.3110934	0.22374143	2.6872317	21	4 21.9	20.7
363090 2000 SE_{98}	17.4	X	11.66442	174.50096	208.46719	4.62241	0.2635469	0.28762295	2.2729350	21	—	—
363091 2000 SF_{102}	18.0	X	47.08206	109.31956	228.84497	1.39405	0.3243183	0.28913955	2.2649801	21	—	—
363092 2000 SB_{110}	16.9	X	202.88116	165.52039	197.95237	9.38759	0.3154330	0.21613640	2.7499034	21	3 23.7	22.1
363093 2000 SR_{129}	15.7	X	172.73754	127.74454	234.87674	13.80437	0.1613712	0.21383014	2.7696408	21	2 19.6	20.4
363094 2000 SG_{173}	15.9	X	268.15146	71.33055	268.23743	12.95474	0.2352542	0.22315121	2.6919680	21	4 12.8	20.4
363095 2000 SU_{216}	16.4	X	196.10991	291.13173	60.17342	8.19915	0.3304245	0.21383770	2.7695754	21	3 10.8	21.7
363096 2000 SL_{301}	16.9	X	12.76755	36.71302	305.30956	2.90725	0.1586118	0.28331468	2.2959195	21	11 7.4	19.1
363097 2000 SV_{307}	17.1	X	356.68460	97.14402	273.85522	6.27842	0.2047442	0.28366292	2.2940401	21	11 29.4	19.0
363098 2000 SO_{317}	16.1	X	327.59828	13.35428	276.28705	12.78921	0.2537211	0.22713057	2.6604330	21	4 19.4	19.3
363099 2000 SH_{346}	17.0	X	309.90145	223.07291	294.99533	1.07839	0.0081030	0.20323723	2.8650610	21	—	—
363100 2000 SZ_{346}	15.8	X	289.99538	55.36972	263.04176	15.69506	0.2043345	0.22240170	2.6980127	21	4 12.7	20.0
363101 2000 SY_{376}	16.8	X	239.19188	138.96786	176.86453	11.86404	0.2084146	0.21745291	2.7387932	21	2 24.1	21.6
363102 2000 TG_{6}	17.4	X	312.18569	189.96056	192.83586	6.76384	0.1165164	0.27991091	2.3144946	21	9 6.8	19.6
363103 2000 TU_{47}	17.0	X	304.01100	320.68844	60.90886	7.04524	0.2009776	0.27810919	2.3244801	21	8 11.3	19.2
363104 2000 TD_{54}	17.4	X	335.23064	333.95440	33.95937	7.61817	0.1368728	0.28020164	2.3128933	21	10 3.6	19.2
363105 2000 UZ_{16}	17.2	X	60.37652	130.81000	224.35918	4.65346	0.2527540	0.29078732	2.2564155	21	—	—
363106 2000 UW_{19}	16.6	X	155.27629	323.48548	57.25700	3.01340	0.2359443	0.21032003	2.8003714	21	3 10.3	21.2
363107 2000 UB_{92}	17.2	X	304.42717	8.19379	4.66679	7.39174	0.1430371	0.27595045	2.3365871	21	8 7.9	19.6
363108 2000 WZ_{40}	15.4	X	328.64589	201.98797	244.08624	17.86959	0.2505233	0.18765117	3.0215877	21	12 16.7	18.2
363109 2000 WW_{50}	17.4	X	115.65991	191.10829	242.92720	17.09872	0.1362664	0.35187913	1.9870420	21	2 19.6	19.8
363110 2000 WP_{71}	15.7	X	201.91461	63.22171	255.68850	14.97461	0.2813465	0.20967732	2.8060909	21	1 28.1	21.0
363111 2000 WF_{144}	17.7	X	17.68286	289.03902	68.60984	1.95617	0.2485101	0.28443181	2.2899040	21	12 25.0	20.0
363112 2000 WV_{167}	16.4	X	184.91012	265.27272	85.18293	11.70224	0.2633219	0.21004578	2.8028084	21	3 2.5	21.5
363113 2000 XU_{1}	17.2	X	215.34298	351.76146	87.56893	6.02651	0.2031818	0.26719499	2.3873559	21	7 6.0	20.9
363114 2001 AG_{48}	16.0	X	358.86135	326.49188	116.94467	11.33941	0.0831424	0.18800584	3.0177864	21	—	—
363115 Chuckwood	16.2	X	77.17829	313.83797	29.55800	1.07843	0.1723325	0.17665092	3.1457590	21	—	—
363116 2001 GQ_{2}	20.1	X	349.43001	280.29997	37.12401	21.82212	0.5031699	0.73642801	1.2144580	21	3 30.0	20.7
363117 2001 LN_{5}	16.0	X	272.48294	243.35425	109.74034	15.01225	0.2296422	0.24037496	2.5617883	21	5 14.3	20.1
363118 2001 NH_{14}	17.2	X	316.83581	181.51905	105.13208	4.31029	0.1787345	0.23992442	2.5649944	21	4 16.3	20.2
363119 2001 NQ_{20}	16.5	X	278.97762	30.44176	260.07692	13.32244	0.2746553	0.23411026	2.6072885	21	2 15.9	21.0
363120 2001 OC_{59}	16.8	X	296.85991	205.96707	116.65494	3.35404	0.2280953	0.24050028	2.5608983	21	4 28.6	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363121 2001 ON_{91}	16.6	X	202.82606	149.12463	229.52023	12.67691	0.2799028	0.23047054	2.6346672	21	4 8.1	21.4
363122 2001 OO_{92}	16.4	X	278.93466	237.45557	95.69156	10.10675	0.2157016	0.23840486	2.5758821	21	4 26.3	20.3
363123 2001 PV_{16}	16.0	X	249.43271	90.54872	240.52947	12.85634	0.2126132	0.23287902	2.6164703	21	3 17.4	20.5
363124 2001 PO_{28}	17.1	X	251.58186	45.99554	277.47412	4.03331	0.2049418	0.23241844	2.6199259	21	3 13.7	21.5
363125 2001 PS_{54}	17.3	X	212.93945	85.26139	266.14266	2.26643	0.2103832	0.23030182	2.6359539	21	3 16.0	21.9
363126 2001 PM_{58}	16.4	X	284.33837	211.47198	113.93346	13.64730	0.2874515	0.23690898	2.5867138	21	4 15.7	20.6
363127 2001 PY_{62}	16.5	X	282.40288	191.57298	139.36286	6.72521	0.2886336	0.23633423	2.5909059	21	4 16.7	20.5
363128 2001 QW_{32}	16.4	X	255.17098	145.15796	217.00308	11.31900	0.2027345	0.23648098	2.5898338	21	5 6.3	20.3
363129 2001 QE_{39}	16.7	X	155.53563	34.82344	334.74394	8.33292	0.3304858	0.22303351	2.6929150	21	2 28.6	21.4
363130 2001 QD_{69}	16.6	X	300.24935	144.41264	192.69317	6.50524	0.3419157	0.23998629	2.5645535	21	5 4.9	20.2
363131 2001 QE_{109}	16.7	X	295.99709	293.61412	37.77839	6.64463	0.3243108	0.24016498	2.5632812	21	4 24.1	20.4
363132 2001 QQ_{147}	16.3	X	235.51360	291.99732	55.79531	12.35284	0.3188887	0.22931756	2.6434911	21	3 31.9	21.2
363133 2001 QS_{189}	16.0	X	268.70893	85.87877	243.42038	12.44791	0.2258754	0.23463396	2.6034074	21	4 1.5	20.3
363134 2001 QJ_{190}	15.9	X	190.02839	129.60689	254.90610	12.60034	0.2175838	0.22864668	2.6486594	21	4 3.0	20.7
363135 2001 QQ_{199}	12.7	X	210.44376	193.40024	213.00212	42.56063	0.4275486	0.08019735	5.3255285	21	5 17.3	21.4
363136 2001 QH_{212}	16.8	X	235.82335	12.02619	346.89197	4.20833	0.2387727	0.23237610	2.6202440	21	4 11.0	21.3
363137 2001 QM_{221}	16.2	X	349.21707	108.47388	163.18478	12.00573	0.2480709	0.24251650	2.5466847	21	5 17.4	18.5
363138 2001 QF_{246}	17.2	X	129.19088	9.72210	8.54501	9.49125	0.3439736	0.21743070	2.7389796	21	2 24.1	21.7
363139 2001 QG_{258}	16.5	X	252.61641	95.86828	251.55950	7.80472	0.1835762	0.23345863	2.6121379	21	4 14.4	20.8
363140 2001 QS_{259}	16.4	X	236.69396	144.00903	197.35527	12.25030	0.2596730	0.23053484	2.6341773	21	3 20.8	21.0
363141 2001 QV_{287}	17.1	X	284.52922	147.82448	188.38498	4.32499	0.2600813	0.23748661	2.5825177	21	4 27.0	20.7
363142 2001 QS_{323}	16.8	X	237.59041	210.94969	154.23317	14.56272	0.2721686	0.23222308	2.6213949	21	4 23.8	21.6
363143 2001 RM_{3}	16.7	X	262.92175	98.25246	228.28976	10.50652	0.2616522	0.23389299	2.6089029	21	3 21.5	21.2
363144 2001 RW_{36}	17.1	X	328.36610	122.40768	234.26961	3.30293	0.2270374	0.24591820	2.5231453	21	8 13.5	19.2
363145 2001 RP_{78}	16.3	X	226.42851	177.33759	184.68614	8.33631	0.2536978	0.22827140	2.6515615	21	4 9.1	20.8
363146 2001 RU_{85}	15.6	X	156.49918	194.71650	188.49751	5.35824	0.2157740	0.17390161	3.1788277	21	3 14.2	20.9
363147 2001 RA_{90}	16.8	X	214.86326	288.86226	54.04157	3.40428	0.1827751	0.22719804	2.6599063	21	3 10.9	21.2
363148 2001 RO_{149}	17.0	X	244.29587	166.20202	176.84707	9.54504	0.1180458	0.23241130	2.6199795	21	4 9.9	20.9
363149 2001 SW_{7}	17.4	X	286.01991	299.61013	4.40450	3.79834	0.2105860	0.23485198	2.6017959	21	3 24.2	21.2
363150 2001 SD_{22}	17.4	X	256.99445	126.45148	183.79792	5.83331	0.2161982	0.23016817	2.6369741	21	3 3.1	21.8
363151 2001 SH_{36}	17.1	X	270.79355	145.78124	181.54413	13.31678	0.2889048	0.23353769	2.6115483	21	3 30.8	21.3
363152 2001 SN_{65}	16.5	X	155.44462	170.52464	190.21858	14.31922	0.2290805	0.21866112	2.7286950	21	2 9.0	21.2
363153 2001 SD_{77}	17.0	X	260.71297	97.00934	246.45938	3.57358	0.2264304	0.23372456	2.6101561	21	4 14.6	21.3
363154 2001 SL_{83}	17.8	X	49.50365	175.64743	192.40947	6.07696	0.1348006	0.30771139	2.1729030	21	—	—
363155 2001 SP_{86}	16.9	X	304.23653	150.41296	166.84801	15.38611	0.1518184	0.23873909	2.5734774	21	5 16.2	20.4
363156 2001 SK_{101}	17.6	X	286.95694	114.64293	188.28727	4.37693	0.2235198	0.23374478	2.6100056	21	3 22.1	21.4
363157 2001 SV_{101}	17.8	X	332.16070	56.82918	351.82179	6.66920	0.1001315	0.30062366	2.2069235	21	11 30.3	20.0
363158 2001 SL_{122}	18.3	X	44.17650	110.83062	252.29443	3.25979	0.1831907	0.30543553	2.1836834	21	—	—
363159 2001 SZ_{130}	18.1	X	130.95409	132.86370	190.31151	5.99023	0.1514994	0.31314182	2.1477085	21	—	—
363160 2001 SM_{135}	17.0	X	270.24726	319.18145	355.02792	3.79970	0.2273291	0.23232115	2.6206572	21	3 19.3	21.0
363161 2001 SF_{168}	17.5	X	97.49941	321.13970	31.11012	5.30531	0.1299536	0.30957069	2.1641939	21	—	—
363162 2001 SL_{243}	16.8	X	281.44085	127.15333	195.03097	13.34277	0.2290161	0.23336883	2.6128079	21	4 9.5	20.6
363163 2001 SE_{286}	17.8	X	256.11551	199.34160	268.48175	26.76205	0.4555402	0.33894680	2.0372689	21	8 12.5	21.7
363164 2001 SF_{290}	15.8	X	252.04322	152.41854	212.76603	22.10093	0.0966458	0.23483006	2.6019578	21	5 18.5	19.6
363165 2001 SX_{305}	16.5	X	93.04314	21.18845	7.30721	14.84803	0.2869554	0.21236834	2.7823357	21	1 23.8	20.1
363166 2001 SD_{345}	16.2	X	293.85171	201.01799	109.33927	15.40052	0.3170051	0.23571804	2.5954191	21	4 3.8	20.4
363167 2001 ST_{354}	16.8	X	57.54593	338.77002	67.82696	14.70902	0.0770643	0.20988392	2.8042492	21	—	—
363168 2001 TU_{27}	17.0	X	275.40064	120.38511	221.95824	12.27881	0.3037949	0.23483442	2.6019257	21	4 19.2	21.1
363169 2001 TT_{29}	16.4	X	183.61486	123.48785	226.44377	10.19948	0.0764526	0.22135999	2.7064705	21	2 10.9	20.6
363170 2001 TJ_{30}	16.7	X	176.85809	339.28579	22.15787	11.74898	0.0796505	0.22155569	2.7048766	21	2 27.2	20.8
363171 2001 TG_{49}	16.7	X	224.17729	343.54828	358.24123	7.89441	0.2787431	0.22735099	2.6587131	21	3 13.7	21.5
363172 2001 TN_{87}	16.9	X	188.90412	101.88984	237.13610	6.41146	0.1398585	0.22184247	2.7025449	21	2 7.5	21.3
363173 2001 TQ_{87}	16.5	X	223.85634	143.28957	217.94551	12.59188	0.2788729	0.22983854	2.6394948	21	4 2.7	21.4
363174 2001 TR_{87}	16.9	X	270.38799	116.09786	221.89253	11.39968	0.2581080	0.23421463	2.6065139	21	4 13.5	21.1
363175 2001 TZ_{109}	17.5	X	33.41263	6.85223	4.12611	5.36353	0.1733589	0.30278194	2.1964234	21	—	—
363176 2001 TA_{127}	16.6	X	30.32777	118.94256	211.54801	10.58905	0.1378654	0.19645330	2.9306447	21	11 1.1	20.3
363177 2001 TU_{127}	17.2	X	156.25958	236.95218	235.73090	19.53507	0.1245258	0.38117958	1.8838644	21	6 19.1	19.7
363178 2001 TH_{136}	17.6	X	244.50050	143.11428	228.81936	10.90152	0.1588660	0.28381589	2.2932157	21	5 9.0	20.8
363179 2001 TK_{149}	17.4	X	54.80357	309.55622	58.67528	8.05668	0.1706758	0.30597075	2.1811361	21	—	—
363180 2001 TL_{153}	17.2	X	245.55104	174.75677	173.29546	7.75117	0.2099610	0.23093611	2.6311250	21	4 10.6	21.5
363181 2001 TQ_{153}	16.5	X	126.90186	150.38273	227.78940	13.38472	0.1953897	0.21734838	2.7396712	21	1 28.6	20.7
363182 2001 TF_{163}	17.7	X	93.67198	44.11087	348.91574	3.64083	0.2115227	0.21410373	2.7672808	21	1 13.7	21.0
363183 2001 TT_{176}	17.2	X	282.00112	101.41015	227.67581	2.58952	0.2593313	0.23398701	2.6082040	21	4 14.3	21.2
363184 2001 TT_{182}	16.6	X	186.66631	121.91683	259.07327	6.13997	0.2821608	0.22522108	2.6754491	21	3 30.7	21.5
363185 2001 TK_{184}	16.2	X	41.69854	243.57260	218.65932	8.99579	0.1244845	0.21500794	2.7595168	21	1 5.1	19.5
363186 2001 TD_{209}	15.8	X	233.51123	113.52295	215.88339	21.81732	0.3664522	0.22684338	2.6626780	21	2 24.9	21.3
363187 2001 TF_{232}	16.8	X	273.76052	136.16401	223.26136	15.30299	0.2158138	0.23776655	2.5804902	21	5 20.8	20.5
363188 2001 TZ_{238}	16.7	X	244.70047	245.34554	106.53540	7.46980	0.2923725	0.23246310	2.6195903	21	4 11.4	21.4
363189 2001 TA_{239}	16.1	X	218.16925	282.17515	59.98773	11.33414	0.1387457	0.22716706	2.6601481	21	3 18.1	20.5
363190 2001 TV_{250}	16.5	X	168.91330	318.92411	38.41574	8.97323	0.0992770	0.22130449	2.7069230	21	2 14.1	20.7
363191 2001 TN_{255}	17.0	X	182.21559	253.80510	95.97785	5.96745	0.0936540	0.22126742	2.7072253	21	2 16.2	21.1
363192 2001 UL_{6}	17.9	X	143.73365	243.09806	203.49316	22.56264	0.1526287	0.37532649	1.9033993	21	5 1.0	20.1
363193 2001 UC_{10}	18.5	X	167.63110	214.78419	95.74612	1.77226	0.2372399	0.31509063	2.1388438	21	—	—
363194 2001 UU_{26}	18.3	X	48.74115	178.22374	183.97026	3.73243	0.1975363	0.30338892	2.1934929	21	—	—
363195 2001 UJ_{55}	16.6	X	252.26915	120.98977	215.16101	13.59674	0.1702621	0.23151487	2.6267382	21	4 1.7	20.8
363196 2001 UQ_{57}	17.4	X	254.93735	227.99983	96.10296	0.09554	0.2037959	0.22976034	2.6400937	21	3 19.9	21.5
363197 2001 UZ_{76}	16.7	X	161.41193	319.30050	50.55622	12.98327	0.2068182	0.21995023	2.7180228	21	3 4.9	21.4
363198 2001 UY_{80}	16.5	X	161.64231	155.85344	216.34918	13.55876	0.1397391	0.21979295	2.7193193	21	2 19.5	21.0
363199 2001 UM_{81}	16.9	X	242.00151	119.51077	204.44029	12.01916	0.2931342	0.22750271	2.6575310	21	3 1.4	21.8
363200 2001 UV_{112}	16.2	X	196.61932	100.85039	243.75050	11.96700	0.1172860	0.22024227	2.7156196	21	2 18.0	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363201 2001 US_{124}	16.3	X	251.09804	247.99248	100.12928	14.26498	0.2043737	0.23119968	2.6291250	21	4 21.6	20.8
363202 2001 UX_{125}	16.5	X	259.24112	172.50452	169.55019	14.64430	0.2757046	0.23262017	2.6184109	21	4 11.0	20.9
363203 2001 UY_{132}	16.9	X	83.24221	23.18008	14.30371	5.48729	0.1690208	0.21290692	2.7776415	21	—	—
363204 2001 UK_{135}	16.9	X	259.01446	146.31542	198.44874	2.53803	0.3359281	0.23225363	2.6211651	21	4 7.0	21.3
363205 2001 US_{151}	17.0	X	266.86564	133.01044	221.59056	4.39299	0.3676114	0.23421349	2.6065223	21	4 21.8	21.5
363206 2001 UU_{155}	16.4	X	190.91928	118.62416	224.98828	11.58935	0.1563271	0.21999818	2.7176279	21	2 13.7	21.1
363207 2001 UB_{163}	16.4	X	13.14118	199.87200	224.46791	7.86015	0.1812159	0.20342055	2.8633394	21	—	—
363208 2001 UY_{163}	18.2	X	206.27937	284.11035	189.09457	20.06313	0.0592127	0.39099612	1.8521994	21	8 25.6	20.3
363209 2001 UB_{174}	17.8	X	46.03576	182.31013	210.04838	6.50761	0.1176850	0.30585163	2.1817024	21	—	—
363210 2001 UC_{212}	17.4	X	278.58673	210.14486	237.41861	6.36944	0.0684028	0.29525033	2.2336191	21	10 26.0	19.7
363211 2001 UF_{218}	16.9	X	279.55430	86.13750	237.63120	10.92091	0.2894672	0.23201863	2.6229347	21	3 30.1	21.2
363212 2001 UA_{220}	16.8	X	41.88836	43.16823	41.36798	13.85842	0.1787810	0.21079761	2.7961401	21	—	—
363213 2001 UM_{227}	16.6	X	187.72923	310.07686	50.06404	8.83706	0.0952128	0.22357826	2.6885389	21	3 8.9	20.8
363214 2001 UV_{227}	17.3	X	212.08851	349.67878	2.14931	3.23023	0.0785429	0.22539457	2.6740761	21	3 19.3	21.1
363215 2001 UG_{229}	16.8	X	167.60597	224.83671	147.09465	6.80772	0.0305420	0.22239605	2.6980583	21	2 20.9	20.5
363216 2001 VF_{8}	16.4	X	232.12101	272.27962	50.70967	12.72411	0.2191536	0.22471669	2.6794510	21	3 5.6	21.2
363217 2001 VT_{54}	17.6	X	18.65161	7.53345	5.36352	6.04230	0.1855872	0.30046398	2.2077053	21	—	—
363218 2001 VM_{75}	16.4	X	206.21040	227.79149	231.99622	22.88513	0.3386088	0.28115147	2.3076812	21	7 12.1	21.1
363219 2001 VH_{79}	17.5	X	28.51321	124.58203	241.97686	5.74858	0.1920147	0.30052199	2.2074212	21	—	—
363220 2001 VN_{80}	17.4	X	325.53092	187.60952	240.88317	5.59429	0.1338616	0.29880573	2.2158657	21	12 21.7	19.2
363221 2001 VX_{81}	17.0	X	145.04786	275.62763	239.17664	20.41994	0.3599970	0.27855999	2.3219715	21	8 7.4	21.8
363222 2001 VW_{82}	15.9	X	80.23063	201.95181	231.65434	17.09659	0.1542444	0.21602902	2.7508146	21	1 29.4	19.6
363223 2001 VO_{112}	18.1	X	46.17025	55.41977	308.43708	2.63264	0.3026396	0.30335652	2.1936491	21	—	—
363224 2001 VE_{122}	16.3	X	255.85601	204.84372	162.80398	15.73736	0.3183908	0.23405726	2.6076821	21	5 7.4	21.0
363225 2001 VD_{126}	16.5	X	314.52330	154.02908	227.09641	9.60409	0.1186606	0.18994968	2.9971629	21	8 26.8	20.4
363226 2001 WQ_{1}	18.5	X	115.53925	273.72381	52.68144	2.32856	0.2702013	0.30897670	2.1669667	21	—	—
363227 2001 WY_{31}	16.5	X	133.91691	325.88369	68.63854	10.58739	0.1442288	0.21733616	2.7397739	21	2 28.9	20.7
363228 2001 WR_{54}	17.0	X	236.64338	326.94511	12.07761	1.91916	0.2153106	0.22713166	2.6604245	21	3 21.8	21.4
363229 2001 WW_{85}	15.8	X	269.17280	107.90355	255.29558	28.64680	0.2978547	0.23266931	2.6180422	21	5 10.4	20.2
363230 2001 WX_{101}	16.5	X	97.12678	322.26560	61.47442	8.56121	0.0627719	0.21009054	2.8024103	21	—	—
363231 2001 XH_{14}	15.9	X	269.85872	68.25284	292.53246	15.61540	0.2015238	0.22957984	2.6414773	21	5 17.3	20.1
363232 2001 XV_{47}	15.0	X	244.39062	113.03547	307.98457	29.59319	0.2975042	0.23196040	2.6233737	21	7 6.9	19.6
363233 2001 XR_{70}	16.5	X	135.51180	199.12839	209.85828	11.40289	0.0916107	0.21906586	2.7253331	21	3 5.4	20.6
363234 2001 XU_{168}	17.2	X	218.02862	208.74072	256.88414	3.61651	0.1331673	0.28413812	2.2914816	21	8 17.1	20.4
363235 2001 XC_{227}	17.4	X	40.84762	305.82444	55.36670	5.61480	0.1251698	0.29977644	2.2110796	21	—	—
363236 2001 XQ_{262}	16.9	X	225.47652	113.06020	237.69288	9.82445	0.2654377	0.22651515	2.6652495	21	3 21.5	21.8
363237 2001 YX	16.3	X	290.42816	83.42735	289.32325	27.25160	0.3627778	0.23473793	2.6026386	21	6 7.9	20.3
363238 2001 YY_{3}	17.4	X	252.29234	271.03854	83.79797	23.23392	0.0919624	0.37528907	1.9035258	21	5 5.2	20.0
363239 2001 YK_{149}	17.2	X	317.11447	85.68579	342.58003	4.70414	0.1126899	0.29421792	2.2388412	21	12 1.0	19.3
363240 2002 AA_{31}	17.9	X	175.42600	268.77991	244.98814	1.68606	0.1497549	0.28200330	2.3030317	21	9 5.5	21.3
363241 2002 AO_{113}	18.1	X	244.02189	171.06141	265.89421	2.60954	0.2050363	0.28367410	2.2939798	21	7 30.9	21.4
363242 2002 AB_{116}	18.3	X	207.74741	150.14125	303.66054	4.44462	0.2072523	0.27977857	2.3152244	21	7 17.9	21.9
363243 2002 AQ_{129}	17.5	X	245.07194	267.90398	124.22697	22.38430	0.1173331	0.37756450	1.8958703	21	6 12.8	20.1
363244 2002 AD_{130}	17.6	X	112.33439	68.61837	104.47425	22.14973	0.0497929	0.37714294	1.8972828	21	7 17.8	19.3
363245 2002 AS_{169}	16.5	X	113.80798	180.20452	298.23397	8.56022	0.1217180	0.21935835	2.7229099	21	5 12.6	20.5
363246 2002 AH_{179}	17.5	X	159.83862	173.66473	316.72118	7.93017	0.1559824	0.27539929	2.3397036	21	7 22.6	21.1
363247 2002 BW_{4}	17.6	X	240.26096	320.62742	93.39226	24.02139	0.0665454	0.37988714	1.8881348	21	7 12.8	19.5
363248 2002 BE_{14}	17.4	X	42.82063	84.50477	139.08940	24.61920	0.0457652	0.37256180	1.9128041	21	6 17.6	19.7
363249 2002 CS_{4}	16.4	X	192.50790	359.66324	145.50438	24.76862	0.2181959	0.28113013	2.3077980	21	9 10.9	20.3
363250 2002 CK_{34}	15.7	X	302.70701	355.90528	100.71254	9.99027	0.0532096	0.19109620	2.9851628	21	11 27.9	19.7
363251 2002 CZ_{68}	16.3	X	227.39570	102.54570	88.31155	3.03838	0.3202685	0.19014082	2.9951539	21	11 16.8	21.3
363252 2002 CX_{84}	17.4	X	299.10205	301.27480	133.41345	4.73512	0.1379469	0.28969371	2.2620907	21	11 5.7	19.3
363253 2002 CS_{119}	16.4	X	282.80793	135.44129	250.06043	2.99531	0.2960915	0.23331623	2.6132006	21	6 23.5	20.1
363254 2002 CB_{124}	17.7	X	170.68675	12.33499	146.51011	2.94392	0.1564275	0.27993540	2.3143596	21	9 8.7	21.2
363255 2002 CA_{199}	18.2	X	136.59376	204.30170	350.18437	2.63606	0.1496424	0.27866074	2.3214118	21	9 21.1	21.8
363256 2002 CT_{200}	17.6	X	128.07421	80.98528	134.58022	3.28120	0.1927878	0.27951691	2.3166690	21	10 13.6	21.2
363257 2002 CT_{246}	18.5	X	190.68549	344.20911	155.48778	9.01060	0.1802279	0.27889354	2.3201198	21	9 1.7	22.2
363258 2002 CW_{264}	18.2	X	183.63614	353.61328	144.19435	6.02043	0.1286797	0.27880984	2.3205842	21	8 25.4	21.4
363259 2002 CX_{271}	16.3	X	312.58030	130.38995	311.75856	9.80120	0.0720864	0.19073671	2.9889124	21	11 17.6	20.3
363260 2002 DY_{5}	16.8	X	102.77863	235.40163	286.57936	9.10661	0.0466159	0.27170897	2.3608409	21	6 16.2	19.6
363261 2002 DO_{15}	17.4	X	227.50919	293.68486	169.13056	5.60117	0.1121521	0.28085796	2.3092887	21	8 27.6	20.4
363262 2002 EK_{2}	17.2	X	188.13821	319.90290	171.17243	24.78791	0.2132236	0.27895312	2.3197894	21	8 15.5	21.2
363263 2002 EN_{4}	17.8	X	122.32535	45.45805	167.86627	5.48633	0.1754487	0.27697661	2.3308124	21	10 4.0	21.3
363264 2002 EO_{16}	17.6	X	179.02992	271.02973	238.51158	3.91793	0.1557943	0.27822906	2.3238124	21	9 2.0	21.3
363265 2002 EL_{150}	17.5	X	111.96884	122.89612	99.11619	1.02702	0.1261962	0.27599109	2.3363578	21	9 30.9	20.9
363266 2002 EC_{160}	18.0	X	120.53991	68.52456	151.76947	5.54513	0.1673821	0.27836790	2.3230396	21	10 11.8	21.6
363267 2002 GS	19.9	X	26.43029	264.18519	34.72237	19.76110	0.4037739	0.62650633	1.3526509	21	12 30.7	22.0
363268 2002 GC_{3}	15.7	X	253.72137	353.82579	211.12625	21.81516	0.2124116	0.19059236	2.9904214	21	—	—
363269 2002 GD_{4}	16.0	X	157.64417	78.91461	148.25744	26.39841	0.2209443	0.17909779	3.1170413	21	11 16.7	21.8
363270 2002 GE_{6}	17.0	X	86.68526	3.02551	207.45947	23.43460	0.1797292	0.26861337	2.3789445	21	8 15.6	20.8
363271 2002 GR_{12}	17.3	X	115.27835	355.15410	196.51611	4.87913	0.1574556	0.27201982	2.3590420	21	8 25.3	20.7
363272 2002 GE_{34}	17.3	X	131.55599	83.78042	114.71306	5.37791	0.1677836	0.27606262	2.3359541	21	9 24.8	20.9
363273 2002 GP_{52}	16.0	X	231.41720	30.93383	197.61910	12.87715	0.1207634	0.18933884	3.0036056	21	—	—
363274 2002 GW_{58}	17.7	X	88.64680	306.40764	276.65971	0.59477	0.1422617	0.27080231	2.3661075	21	9 6.0	20.8
363275 2002 GG_{86}	16.9	X	108.24594	163.64249	57.79051	7.88015	0.0612152	0.27376351	2.3490144	21	9 23.0	20.1
363276 2002 GB_{96}	17.5	X	76.19009	265.15220	322.69812	3.86862	0.1811872	0.26919295	2.3755286	21	9 2.2	20.7
363277 2002 GJ_{107}	17.4	X	101.52861	84.54693	153.35250	7.17486	0.2018816	0.27524119	2.3405994	21	10 18.9	21.0
363278 2002 GJ_{115}	17.7	X	144.78643	99.95488	82.49867	5.70923	0.1584126	0.27511841	2.3412958	21	9 16.9	21.3
363279 2002 GY_{120}	17.0	X	122.35878	129.93631	82.42812	8.11896	0.0635277	0.27408780	2.3471612	21	9 28.9	20.3
363280 2002 GS_{137}	16.6	X	199.75220	281.35788	285.53850	3.40723	0.2483988	0.18327562	3.0694902	21	11 17.1	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363281 2002 GW_{153}	16.2	X	237.26689	52.08608	124.45277	9.43683	0.2111109	0.18509417	3.0493519	21	11 21.6	21.0
363282 2002 GJ_{160}	16.1	X	164.31943	201.10530	19.86936	8.65571	0.1532859	0.18195168	3.0843619	21	11 7.3	21.2
363283 2002 GT_{169}	16.1	X	109.93477	68.36881	219.69241	14.49791	0.2118742	0.17723619	3.1388299	21	12 11.6	21.5
363284 2002 GM_{181}	17.6	X	60.11425	123.56326	128.19700	5.44167	0.1952142	0.26870140	2.3784248	21	9 19.4	20.5
363285 2002 GN_{181}	15.7	X	247.10783	118.87513	31.99201	10.83649	0.0375569	0.18440358	3.0569604	21	11 19.9	20.1
363286 2002 GT_{184}	15.9	X	247.82788	53.49552	124.11237	10.44560	0.1361528	0.18595412	3.0399435	21	12 12.8	20.2
363287 2002 GK_{185}	17.9	X	126.87689	161.15011	26.18156	7.92571	0.0847334	0.27195835	2.3593975	21	8 31.5	21.2
363288 2002 HA_{17}	16.2	X	193.88332	20.68112	188.01530	9.61367	0.0777499	0.18312877	3.0711310	21	11 27.2	20.9
363289 2002 JU_{31}	17.1	X	101.54103	43.23221	178.56743	3.38934	0.1294406	0.27104697	2.3646834	21	9 18.1	20.4
363290 2002 JS_{57}	17.5	X	335.70383	33.30378	235.82519	19.61032	0.0369359	0.36144642	1.9518215	21	4 24.7	19.5
363291 2002 JK_{85}	15.3	X	100.41764	102.42280	226.21417	12.76144	0.2530873	0.17877536	3.1207880	21	—	—
363292 2002 JY_{89}	17.7	X	101.06313	54.86588	254.05934	1.05892	0.2447469	0.27949776	2.3167748	21	—	—
363293 2002 JU_{95}	17.2	X	98.13128	38.36988	262.64128	4.79813	0.2501784	0.27712045	2.3300058	21	—	—
363294 2002 JT_{106}	15.8	X	151.24104	354.30596	258.62640	8.56162	0.2476830	0.17916848	3.1162214	21	12 4.2	21.2
363295 2002 JO_{120}	16.7	X	129.91218	66.14642	123.95047	10.77502	0.1243249	0.27229178	2.3574710	21	9 10.2	20.2
363296 2002 JG_{123}	17.0	X	57.99181	83.85022	56.86744	23.18104	0.0800241	0.35859560	1.9621524	21	3 12.8	19.4
363297 2002 JZ_{123}	15.4	X	125.81571	163.29801	108.27812	11.30698	0.0936333	0.17822402	3.1272209	21	12 2.6	20.3
363298 2002 KL_{3}	18.2	X	329.85075	293.34905	73.16906	20.76539	0.7484561	0.36152581	1.9515357	21	5 11.1	20.6
363299 2002 LN_{6}	15.2	X	155.57353	169.79476	89.96600	18.94856	0.1640684	0.17861849	3.1226150	21	12 15.8	20.3
363300 2002 LF_{40}	17.3	X	74.86904	184.47815	119.31548	9.48379	0.2965613	0.27292914	2.3537994	21	12 20.9	21.3
363301 2002 LZ_{60}	17.3	X	63.62451	46.90561	223.02996	6.25145	0.1535463	0.26952142	2.3735981	21	10 9.2	20.4
363302 2002 ME_{5}	16.3	X	328.55847	200.72861	102.87571	17.09563	0.1144024	0.25667326	2.4521609	21	6 9.0	19.0
363303 2002 MX_{6}	15.7	X	254.02790	309.05200	274.49376	9.60830	0.1658562	0.18397953	3.0616559	21	—	—
363304 2002 NG_{7}	15.9	X	152.07478	53.53151	229.49190	13.97279	0.2409376	0.17478523	3.1681049	21	—	—
363305 2002 NV_{16}	21.4	X	233.07931	179.24344	183.31537	3.50187	0.2198159	0.71618344	1.2372379	21	2 22.8	21.2
363306 2002 NR_{21}	15.0	X	191.72450	359.24590	286.09175	17.63142	0.2326873	0.18137085	3.0909434	21	—	—
363307 2002 NP_{28}	16.7	X	357.91090	332.46970	324.11925	4.43194	0.1097541	0.25972654	2.4329050	21	7 23.3	19.1
363308 2002 NL_{49}	16.4	X	107.78894	187.88268	120.34504	10.32968	0.2882072	0.17129042	3.2110519	21	—	—
363309 2002 NW_{53}	17.7	X	16.69521	4.94099	297.18742	0.72871	0.1883749	0.26259752	2.4151399	21	9 16.1	19.7
363310 2002 NK_{60}	17.4	X	353.45731	164.32596	142.90312	4.82734	0.2272478	0.25999244	2.4312460	21	7 30.2	18.8
363311 2002 NV_{63}	17.6	X	26.70248	152.05871	101.12199	3.67913	0.1561024	0.25897925	2.4375830	21	7 15.9	19.6
363312 2002 NU_{67}	17.2	X	161.63856	154.30248	156.54651	13.59893	0.1874091	0.23142628	2.6274085	21	—	—
363313 2002 NU_{74}	18.1	X	0.42148	162.24362	160.19390	4.33478	0.2358570	0.26164925	2.4209717	21	9 18.9	19.6
363314 2002 NS_{77}	17.5	X	352.26177	235.02953	75.74620	4.19013	0.2067234	0.25979827	2.4324573	21	8 4.4	19.1
363315 2002 ND_{80}	15.0	X	236.23797	322.78925	260.58994	26.57210	0.1418615	0.17968068	3.1102966	21	—	—
363316 2002 NX_{80}	15.9	X	152.84643	115.51731	159.08887	16.31472	0.2276293	0.17566977	3.1574612	21	12 29.2	21.6
363317 2002 OQ_{4}	18.4	X	12.98252	77.89460	230.10215	1.16794	0.2851526	0.26185291	2.4197163	21	10 4.1	20.0
363318 2002 OG_{18}	17.0	X	217.49294	123.39616	161.03914	13.26757	0.2165778	0.23693779	2.5865041	21	—	—
363319 2002 OR_{33}	18.1	X	53.35593	85.42815	172.53459	6.87508	0.2744307	0.26267276	2.4146787	21	9 29.4	21.1
363320 2002 OV_{33}	17.1	X	314.78986	215.37534	138.05017	12.14515	0.1815630	0.25816346	2.4427154	21	7 17.1	19.5
363321 2002 PQ_{2}	15.8	X	114.23474	164.19358	207.84109	12.63249	0.1545840	0.17855791	3.1233212	21	1 10.9	20.5
363322 2002 PB_{25}	17.2	X	345.79091	168.28720	144.88283	8.34999	0.2082775	0.25824984	2.4421707	21	7 18.9	19.0
363323 2002 PW_{55}	15.7	X	172.30871	120.50054	157.87697	22.40257	0.4375825	0.17838762	3.1253086	21	—	—
363324 2002 PZ_{64}	17.0	X	42.85128	339.74448	257.47239	7.19514	0.1022388	0.25799576	2.4437738	21	7 12.7	19.7
363325 2002 PX_{66}	17.0	X	197.66313	242.07676	129.93932	9.28375	0.1881019	0.24385015	2.5373908	21	4 1.0	21.3
363326 2002 PF_{112}	17.2	X	356.93898	141.82345	157.34030	14.89364	0.1677832	0.25798337	2.4438521	21	7 23.6	19.6
363327 2002 PO_{114}	18.0	X	66.01835	160.93860	142.37900	7.65466	0.1902595	0.26888046	2.3773688	21	12 2.5	21.5
363328 2002 PY_{122}	15.9	X	189.89206	28.96962	284.95889	9.28080	0.0732727	0.18284462	3.0743119	21	1 15.2	20.6
363329 2002 PC_{123}	17.6	X	306.58889	115.79475	222.23625	5.69387	0.1497493	0.25507807	2.4623737	21	6 14.6	20.5
363330 2002 PQ_{145}	5.5	X	220.40022	307.17932	165.81666	3.07042	0.0405691	0.00335785	44.1667652	21	8 23.6	22.1
363331 2002 PN_{151}	17.6	X	340.89058	204.11793	112.72511	2.30276	0.1887778	0.25832550	2.4416938	21	7 14.9	19.6
363332 2002 PN_{157}	16.1	X	49.63265	303.70271	39.52988	1.21180	0.2687557	0.16501598	3.2919410	21	12 23.9	20.7
363333 2002 PQ_{157}	17.8	X	332.89603	240.47314	106.61531	2.22332	0.2043967	0.25962351	2.4335487	21	8 15.4	19.4
363334 2002 PD_{174}	18.5	X	357.65104	99.47744	207.61139	2.04563	0.2002277	0.25879371	2.4387479	21	8 9.7	20.2
363335 2002 PD_{178}	15.7	X	228.92499	319.22520	276.24508	8.44006	0.0462015	0.17787022	3.1313665	21	—	—
363336 2002 PY_{178}	15.3	X	107.75004	135.91028	254.41483	9.39778	0.0896184	0.17970500	3.1100158	21	1 16.4	19.7
363337 2002 PN_{190}	18.1	X	33.16416	245.17880	10.06250	3.73378	0.2163892	0.25854824	2.4402912	21	8 12.9	20.3
363338 2002 PH_{192}	16.6	X	227.29839	89.41550	180.77915	11.42819	0.1492439	0.23663519	2.5887086	21	—	—
363339 2002 PL_{192}	16.6	X	227.86088	96.61637	173.51768	13.40185	0.1711943	0.23649001	2.5897679	21	—	—
363340 2002 PX_{197}	18.0	X	339.19039	146.24468	183.91800	2.82653	0.1872888	0.25933681	2.4353419	21	8 1.8	20.0
363341 2002 QQ_{1}	15.5	X	117.67685	233.39850	135.42767	18.26405	0.1487217	0.17846770	3.1243737	21	1 12.7	20.1
363342 2002 QB_{2}	16.1	X	121.72354	75.72026	271.69521	4.10565	0.1621309	0.17598781	3.1536560	21	—	—
363343 2002 QA_{6}	14.7	X	162.49334	9.10571	297.94474	29.26355	0.2370711	0.17528216	3.1621143	21	—	—
363344 2002 QC_{7}	20.0	X	139.09682	184.44103	336.02559	26.80813	0.1960148	0.77950276	1.1692955	21	9 5.7	19.5
363345 2002 QE_{56}	18.2	X	303.23043	331.60871	23.90686	2.60386	0.2257895	0.25510412	2.4622061	21	6 21.5	21.0
363346 2002 QG_{61}	17.3	X	197.27362	225.68613	169.81151	11.35101	0.1164943	0.24537062	2.5268978	21	4 28.7	21.3
363347 2002 QW_{80}	16.8	X	142.87343	298.48716	134.73777	11.16317	0.0961763	0.24242798	2.5473046	21	4 19.9	20.6
363348 2002 QP_{101}	17.2	X	200.99624	222.57390	177.19758	8.19043	0.1293827	0.24660658	2.5184478	21	5 6.9	21.1
363349 2002 QX_{129}	17.0	X	108.84976	50.26074	246.85818	1.74211	0.3494486	0.16989055	3.2286668	21	12 27.1	22.8
363350 2002 QQ_{131}	17.3	X	25.22520	158.10322	83.52025	2.60079	0.0561383	0.25309183	2.4752399	21	6 15.5	19.8
363351 2002 QY_{149}	16.1	X	137.55171	40.67044	307.43096	7.19505	0.0891478	0.17865351	3.1222069	21	1 3.5	20.7
363352 2002 QK_{152}	16.7	X	190.26067	13.55304	21.33066	5.80903	0.2049631	0.24342816	2.5403224	21	4 18.9	20.9
363353 2002 RM_{21}	17.2	X	306.82641	342.29140	8.08511	4.85000	0.2022672	0.25432002	2.4672643	21	6 24.4	20.0
363354 2002 RY_{80}	17.4	X	45.08757	210.55251	138.69253	2.01915	0.2009611	0.26835249	2.3804860	21	—	—
363355 2002 RR_{127}	17.0	X	169.07702	81.20929	213.08719	14.66802	0.3188328	0.17779902	3.1322024	21	—	—
363356 2002 RZ_{141}	15.5	X	40.84753	103.59208	295.86721	4.92089	0.1219571	0.16921273	3.2372832	21	—	—
363357 2002 RD_{146}	16.3	X	97.63180	155.51853	179.81915	11.67621	0.1172546	0.22154940	2.7049277	21	—	—
363358 2002 RX_{205}	17.3	X	209.98216	186.43832	194.73321	4.13880	0.1992490	0.24299418	2.5433461	21	4 19.4	21.4
363359 2002 RB_{220}	17.2	X	313.57753	194.18956	136.79999	6.43679	0.1342330	0.25373767	2.4710380	21	6 18.9	19.9
363360 2002 RG_{246}	17.9	X	199.25632	10.99681	10.30540	2.75286	0.1844093	0.24302261	2.5431478	21	4 9.9	22.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363361 2002 RT_{250}	15.6	X	104.80238	74.89690	291.33700	9.48739	0.0838628	0.17677382	3.1443008	21	—	—
363362 2002 SE_{21}	17.8	X	330.05920	312.98720	14.25555	5.67251	0.2203735	0.25458748	2.4655360	21	7 2.5	20.0
363363 2002 SZ_{42}	16.3	X	356.89393	204.06854	200.63232	8.01643	0.1681075	0.21308750	2.7760720	21	12 22.3	19.4
363364 2002 SC_{44}	17.5	X	31.02132	168.02963	164.34296	1.34615	0.1870382	0.26403305	2.4063780	21	11 25.1	20.2
363365 2002 SD_{74}	17.6	X	48.57019	152.03443	140.02134	2.01954	0.1669226	0.26121883	2.4236304	21	10 22.6	20.6
363366 2002 TT_{12}	17.7	X	49.30492	231.52562	123.04945	2.77381	0.1920881	0.26896979	2.3768423	21	—	—
363367 2002 TZ_{19}	17.5	X	109.98550	57.28954	356.55358	3.26026	0.2557345	0.23021686	2.6366023	21	3 5.9	21.2
363368 2002 TJ_{52}	16.9	X	215.37997	131.67407	231.54027	5.79548	0.3654852	0.23969362	2.5666406	21	3 28.3	21.8
363369 2002 TU_{53}	16.7	X	308.59292	134.41414	225.73541	11.26522	0.3425896	0.25255704	2.4787329	21	6 15.5	19.4
363370 2002 TR_{137}	15.1	X	123.99585	101.62556	252.83400	12.29541	0.2694148	0.17208070	3.2012132	21	1 15.8	20.2
363371 2002 TM_{172}	15.5	X	91.47509	87.37306	251.15142	11.40579	0.3170196	0.16909344	3.2388055	21	—	—
363372 2002 TN_{179}	16.5	X	10.34985	77.33893	281.67975	9.27732	0.2095140	0.26105252	2.4246597	21	12 1.8	19.1
363373 2002 TB_{194}	16.8	X	174.79450	216.58507	195.91786	14.52665	0.1545932	0.24002470	2.5642799	21	4 27.9	20.9
363374 2002 TW_{278}	16.1	X	24.51648	152.35497	220.54962	11.32076	0.1389878	0.21236609	2.7823554	21	12 19.5	19.8
363375 2002 TA_{308}	16.9	X	77.03399	3.84312	160.68355	9.58841	0.0731583	0.24201628	2.5501927	21	5 21.8	20.2
363376 2002 TO_{311}	17.1	X	353.22826	163.48262	60.54592	11.86200	0.0581199	0.23919188	2.5702287	21	4 6.7	20.4
363377 2002 TD_{350}	15.6	X	170.54865	53.61553	274.33970	9.19563	0.1088702	0.18049271	3.1009608	21	1 14.3	20.5
363378 2002 TX_{368}	17.0	X	67.75211	162.70101	167.31900	11.26416	0.3437276	0.21637813	2.7478550	21	—	—
363379 2002 TE_{372}	16.5	X	335.30152	82.09167	119.44448	15.41730	0.1352298	0.22912594	2.6449647	21	1 25.7	19.9
363380 2002 TV_{375}	16.8	X	147.32669	187.66899	224.45811	9.59250	0.1154504	0.23657444	2.5891517	21	3 23.8	20.7
363381 2002 TT_{384}	17.5	X	307.15274	260.57324	79.64283	5.79793	0.2269022	0.25176496	2.4839291	21	6 5.3	20.0
363382 2002 UG_{38}	17.2	X	33.74661	47.92903	277.14661	3.71894	0.2337458	0.26286256	2.4135162	21	11 25.5	20.0
363383 2002 VO_{13}	17.0	X	131.88159	164.44983	230.57840	9.46695	0.2111333	0.22908026	2.6453163	21	2 24.2	21.2
363384 2002 VZ_{128}	17.3	X	77.43008	200.04763	239.43815	2.02742	0.1177801	0.22623167	2.6674756	21	1 31.5	20.4
363385 2002 WR_{10}	16.7	X	69.13956	222.50209	226.71978	11.73828	0.1403688	0.22448085	2.6813275	21	1 30.5	20.0
363386 2002 WG_{11}	16.8	X	129.85104	339.42358	58.93269	11.47988	0.1561037	0.22869186	2.6483106	21	3 1.8	20.8
363387 2002 WO_{27}	16.5	X	33.74234	66.85765	58.08016	14.12789	0.1353178	0.22398427	2.6852891	21	1 24.1	19.6
363388 2002 XO_{30}	14.9	X	95.08383	106.38120	272.65911	24.33518	0.2691718	0.16946829	3.2340278	21	1 12.6	19.4
363389 2002 XH_{43}	17.2	X	226.93244	146.08075	235.68359	11.90825	0.2634392	0.24108056	2.5567873	21	4 30.6	21.7
363390 2002 XK_{52}	16.1	X	232.34056	125.97634	258.63551	17.07502	0.3105295	0.24214933	2.5492584	21	5 4.6	20.9
363391 2002 XW_{56}	16.1	X	22.74173	25.64969	89.01515	10.41416	0.2471866	0.21824247	2.7321836	21	—	—
363392 2002 XB_{88}	15.8	X	182.81507	183.44319	309.82682	10.71646	0.1181391	0.24396548	2.5365911	21	8 15.3	19.6
363393 2002 YY_{9}	16.7	X	349.23848	64.26436	92.93616	8.66721	0.1665666	0.21741111	2.7391442	21	—	—
363394 2003 AA_{28}	16.0	X	226.30789	272.88804	113.91420	15.36379	0.2300391	0.23793453	2.5792755	21	5 14.3	20.6
363395 2003 BC_{77}	16.7	X	10.53937	53.79126	50.40822	4.85146	0.1702275	0.21340691	2.7733014	21	—	—
363396 2003 BE_{93}	17.7	X	247.95833	16.02215	45.20444	7.87630	0.0596300	0.29469197	2.2364396	21	8 7.5	20.5
363397 2003 HR_{50}	15.5	X	61.91873	51.70806	206.03188	14.30047	0.2411378	0.17490265	3.1666869	21	9 22.5	20.1
363398 2003 JC_{3}	16.5	X	249.09849	192.19117	37.82809	12.56433	0.0440377	0.20168926	2.8797019	21	—	—
363399 2003 JN_{3}	17.5	X	135.95952	225.78893	40.51522	7.13593	0.1532112	0.29702367	2.2247199	21	12 23.1	20.9
363400 2003 KX_{13}	18.2	X	84.30132	155.52012	69.15143	22.98488	0.0910190	0.39208445	1.8487704	21	9 24.0	20.9
363401 2003 LB_{7}	6.7	X	39.58916	158.25735	49.70678	2.30078	0.1317410	0.00318209	45.7784545	21	6 9.2	22.9
363402 2003 MF_{3}	15.8	X	177.80441	244.61993	83.43542	15.23228	0.4400324	0.19409630	2.9543223	21	2 6.1	21.8
363403 2003 OY_{7}	17.9	X	44.32013	147.08976	192.24975	3.94946	0.2798300	0.28398762	2.2922912	21	—	—
363404 2003 OX_{11}	17.4	X	344.91964	160.39191	168.67020	24.20143	0.0655010	0.38386808	1.8750580	21	8 27.8	18.7
363405 2003 OL_{13}	15.2	X	49.30307	236.07656	111.85128	25.28587	0.2098494	0.17651220	3.1474070	21	12 25.4	19.8
363406 2003 OJ_{28}	17.8	X	97.27576	168.64473	118.29626	5.20617	0.2162826	0.28649737	2.2788843	21	12 15.2	21.4
363407 2003 QY_{1}	18.2	X	85.94238	136.98818	163.15322	3.63984	0.3034710	0.28600084	2.2815212	21	12 26.5	22.1
363408 2003 QF_{20}	17.3	X	349.73553	269.36903	95.21659	2.92301	0.2119472	0.27645760	2.3337286	21	11 3.9	18.8
363409 2003 QP_{23}	17.4	X	271.44243	108.07950	176.58535	5.24226	0.1010031	0.31131438	2.1561051	21	2 11.7	20.3
363410 2003 QW_{28}	16.4	X	129.72320	133.51217	209.13002	8.60249	0.3293251	0.18442079	3.0567702	21	1 12.6	21.5
363411 2003 QR_{46}	17.1	X	167.60696	194.49473	112.91074	10.57024	0.1617420	0.29756970	2.2219975	21	—	—
363412 2003 QX_{49}	15.4	X	120.88841	156.43085	160.93459	23.27427	0.1637436	0.18073073	3.0982376	21	—	—
363413 2003 QL_{58}	17.2	X	317.85347	37.70165	351.25302	6.42848	0.2272132	0.27471725	2.3435745	21	9 16.9	18.6
363414 2003 QH_{59}	17.0	X	296.78576	299.19352	90.40940	3.35225	0.2210303	0.27061346	2.3672082	21	8 3.4	19.5
363415 2003 QP_{66}	17.6	X	325.01051	48.31031	308.57472	1.55564	0.2428350	0.27289681	2.3539853	21	8 6.9	18.9
363416 2003 QC_{99}	15.6	X	47.86286	275.37495	115.02771	18.48849	0.2942708	0.17612355	3.1520355	21	—	—
363417 2003 QB_{101}	15.2	X	77.76643	150.86884	163.27880	17.04552	0.1110651	0.17411956	3.1761744	21	12 4.7	20.2
363418 2003 QH_{106}	17.1	X	289.89105	182.01432	195.23300	12.30593	0.2869784	0.26911840	2.3759673	21	6 21.5	20.4
363419 2003 QV_{110}	17.3	X	17.71529	263.20967	99.65067	3.97411	0.2300528	0.28141484	2.3062411	21	12 28.4	19.8
363420 2003 QZ_{112}	15.2	X	13.71240	256.08830	138.44906	27.01344	0.2596401	0.16994551	3.2279707	21	—	—
363421 2003 RG_{8}	17.1	X	96.95324	99.74047	213.20053	20.26884	0.3199222	0.28777872	2.2721147	21	—	—
363422 2003 RP_{16}	15.2	X	138.36589	64.62179	245.87668	12.81874	0.1686998	0.18282434	3.0745393	21	—	—
363423 2003 RM_{21}	17.1	X	316.04414	176.06350	208.77835	5.64421	0.2406319	0.27397369	2.3478129	21	8 30.9	18.9
363424 2003 RB_{23}	15.5	X	82.08320	104.11720	249.91827	11.25135	0.2646073	0.18006857	3.1058283	21	—	—
363425 2003 RF_{24}	15.9	X	64.37015	95.01669	244.03691	4.06942	0.1627780	0.17422186	3.1749310	21	12 23.1	20.4
363426 2003 SH_{14}	17.9	X	36.82201	232.79322	122.32254	0.95515	0.2600323	0.28261437	2.2997108	21	—	—
363427 2003 SH_{23}	15.9	X	53.61516	123.33472	221.12185	8.22034	0.1809150	0.17262283	3.1945073	21	12 19.5	20.5
363428 2003 SD_{30}	17.8	X	263.85708	68.41065	307.80328	1.95293	0.2551492	0.26456420	2.4031562	21	5 25.5	21.6
363429 2003 SR_{32}	17.6	X	350.36237	201.28917	168.31627	2.56655	0.2149023	0.27629244	2.3346586	21	11 13.8	19.1
363430 2003 SU_{33}	16.0	X	128.08260	164.04444	165.65476	9.49179	0.1921302	0.18233521	3.0800353	21	—	—
363431 2003 SZ_{33}	15.9	X	75.18067	302.62343	17.45564	10.28749	0.2324822	0.17375645	3.1805978	21	12 19.3	21.0
363432 2003 SN_{59}	15.7	X	49.77777	189.70182	167.25337	16.46770	0.2748959	0.17468043	3.1693720	21	—	—
363433 2003 SR_{63}	17.2	X	32.47492	126.43447	213.77631	5.46502	0.1281298	0.28035451	2.3120525	21	12 1.9	20.0
363434 2003 SN_{71}	16.7	X	212.63329	155.74962	253.59667	6.00137	0.0910609	0.26118816	2.4238201	21	5 30.4	20.1
363435 2003 SN_{83}	18.3	X	24.02336	297.48686	31.80894	2.34751	0.2052612	0.27749483	2.3279096	21	11 15.4	20.6
363436 2003 SW_{86}	17.7	X	5.20566	274.67095	87.22203	4.31070	0.2521327	0.27844766	2.3225960	21	12 9.7	19.7
363437 2003 SE_{95}	17.0	X	340.68326	173.74215	200.84076	11.16416	0.2276818	0.27703049	2.3305101	21	10 30.0	18.3
363438 2003 SY_{105}	17.4	X	51.27645	355.04053	321.39324	2.99242	0.2807226	0.28038725	2.3118725	21	12 14.6	20.6
363439 2003 SE_{112}	16.0	X	76.09656	165.60594	190.43864	10.64497	0.2133067	0.17615361	3.1516769	21	—	—
363440 2003 SO_{114}	15.8	X	52.69377	172.62606	174.38678	6.87935	0.1035478	0.17421326	3.1750355	21	12 12.1	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363441 2003 SZ_{115}	17.6	X	100.39970	111.20865	241.60636	4.13166	0.1964009	0.29179127	2.2512368	21	—	—
363442 2003 SD_{116}	15.6	X	102.68714	151.48068	174.36456	18.82859	0.0932477	0.17703480	3.1412099	21	—	—
363443 2003 SS_{118}	16.5	X	95.80050	177.32929	156.89775	1.65318	0.1715756	0.17702685	3.1413039	21	—	—
363444 2003 SQ_{133}	15.8	X	100.95498	74.86395	238.47803	8.72172	0.2255437	0.17641959	3.1485083	21	—	—
363445 2003 ST_{144}	15.4	X	58.21520	125.62399	234.79819	13.50280	0.2740536	0.17350004	3.1837308	21	—	—
363446 2003 SF_{149}	17.9	X	5.69520	327.92425	23.00948	1.69721	0.2025844	0.27597135	2.3364691	21	11 14.1	19.8
363447 2003 SQ_{158}	15.6	X	98.55438	174.78589	172.88814	24.41493	0.1860663	0.17929027	3.1148100	21	—	—
363448 2003 SE_{159}	15.7	X	141.64800	81.61785	186.20583	23.85210	0.1220906	0.17726267	3.1385173	21	12 12.5	21.1
363449 2003 SY_{162}	17.3	X	330.12056	174.50964	185.56090	6.47125	0.2122406	0.27104248	2.3647096	21	8 29.1	18.9
363450 2003 SO_{172}	17.3	X	254.02956	161.41095	220.33834	0.39847	0.1958794	0.26354143	2.4093698	21	5 29.7	20.8
363451 2003 SR_{172}	17.4	X	321.17830	341.41708	33.55106	3.29489	0.2036492	0.27276678	2.3547333	21	9 5.9	19.0
363452 2003 SS_{174}	18.1	X	81.83782	291.78050	359.37296	5.00317	0.2310401	0.28271143	2.2991844	21	12 6.4	21.7
363453 2003 SK_{179}	17.1	X	205.46424	275.92753	136.71787	6.10214	0.1171970	0.25948285	2.4344280	21	5 27.5	20.8
363454 2003 SC_{180}	17.0	X	232.03671	124.09563	283.09957	5.56927	0.0865225	0.26293427	2.4130774	21	6 19.8	20.3
363455 2003 SG_{190}	16.5	X	62.59033	119.10527	245.68830	8.64130	0.2246654	0.17515193	3.1636816	21	—	—
363456 2003 SC_{192}	16.1	X	130.22548	52.05099	319.85424	6.84699	0.2638914	0.18568010	3.0429336	21	2 10.4	20.9
363457 2003 SB_{208}	18.2	X	73.23583	103.34791	200.41567	2.77282	0.2118716	0.28043302	2.3116209	21	12 13.0	21.5
363458 2003 SX_{216}	17.6	X	7.24315	324.32918	24.13689	4.70462	0.1639660	0.27517751	2.3409605	21	11 6.4	19.7
363459 2003 SZ_{227}	17.6	X	346.27308	354.15803	341.29053	3.13191	0.1859604	0.27089522	2.3655665	21	8 31.9	19.3
363460 2003 SJ_{237}	17.3	X	16.53125	153.62446	196.29925	4.27650	0.1575420	0.27866015	2.3214151	21	11 26.2	19.6
363461 2003 SN_{238}	16.2	X	84.66215	35.01531	286.53675	3.18794	0.1749284	0.17493042	3.1663517	21	12 24.8	21.0
363462 2003 SE_{244}	16.2	X	57.54474	291.34060	39.50077	0.29035	0.1747029	0.17117542	3.2124900	21	12 7.1	20.8
363463 2003 SC_{257}	16.0	X	39.73660	192.67660	176.45196	8.27913	0.1718467	0.17352194	3.1834628	21	12 30.9	20.5
363464 2003 SX_{260}	16.0	X	71.90320	159.28736	194.82360	11.15201	0.1567887	0.17684481	3.1434593	21	—	—
363465 2003 SR_{261}	15.8	X	79.13159	172.58748	216.58417	13.80498	0.3080418	0.12343269	3.9949920	21	1 20.0	21.3
363466 2003 SH_{270}	16.0	X	100.79596	284.01326	90.25978	8.03460	0.2239939	0.18163140	3.0879868	21	1 9.2	20.1
363467 2003 SC_{272}	17.4	X	123.84328	34.94646	284.08387	5.98202	0.1975984	0.29310971	2.2444809	21	—	—
363468 2003 SE_{273}	17.4	X	351.26158	80.34774	254.46341	6.88514	0.2512219	0.27171037	2.3608329	21	9 11.9	18.9
363469 2003 SG_{276}	18.3	X	192.62465	79.74533	329.40796	1.79933	0.1759902	0.25500626	2.4628359	21	5 7.7	22.2
363470 2003 SJ_{276}	18.0	X	27.38467	61.80243	264.77745	1.35335	0.2326546	0.27650720	2.3334495	21	11 21.4	20.6
363471 2003 SL_{283}	15.9	X	153.67222	46.11856	243.32832	9.18964	0.2179344	0.18276543	3.0751999	21	—	—
363472 2003 SS_{283}	15.3	X	46.08699	109.04807	225.37847	12.69774	0.1189592	0.17068128	3.2186874	21	11 20.2	19.7
363473 2003 SJ_{284}	17.5	X	159.82776	46.00250	231.14361	3.71657	0.2362173	0.29287411	2.2456844	21	—	—
363474 2003 SK_{285}	17.7	X	83.78463	68.74546	229.25552	7.92369	0.1924182	0.28372879	2.2936850	21	12 14.5	21.1
363475 2003 SS_{285}	17.6	X	235.74235	101.83590	288.38632	3.56484	0.2250297	0.26097762	2.4251236	21	5 19.8	21.5
363476 2003 SK_{290}	17.7	X	340.31219	276.40259	64.76189	6.20285	0.2278570	0.27170645	2.3608556	21	8 29.6	19.1
363477 2003 SR_{298}	17.9	X	194.75857	217.62638	201.27123	21.37334	0.0978782	0.36908848	1.9247857	21	5 18.6	20.5
363478 2003 SU_{305}	17.6	X	349.86816	107.22702	252.24406	5.49437	0.1625124	0.27558084	2.3386759	21	10 17.5	19.5
363479 2003 SS_{308}	17.4	X	62.91547	100.06689	223.34106	21.81009	0.2150107	0.28198284	2.3031431	21	12 24.9	21.2
363480 2003 ST_{324}	16.3	X	74.00345	318.98726	350.52718	3.96161	0.1805521	0.17222156	3.1994675	21	11 29.9	21.2
363481 2003 SE_{330}	16.2	X	85.86537	316.86819	358.48623	9.99958	0.2184743	0.17490020	3.1667165	21	12 22.9	21.4
363482 2003 SE_{333}	16.5	X	139.18451	112.60938	176.02984	7.49962	0.2518955	0.18088649	3.0964588	21	—	—
363483 2003 SB_{347}	17.7	X	202.47109	89.32407	4.78863	3.41490	0.0900459	0.26574745	2.3960174	21	7 19.8	21.1
363484 2003 SF_{356}	15.5	X	93.93471	124.27653	196.05532	9.06647	0.0797728	0.17527254	3.1622301	21	12 23.1	20.3
363485 2003 SE_{359}	16.3	X	14.92081	183.25599	195.55334	5.76843	0.1482758	0.16936368	3.2353594	21	12 5.2	20.3
363486 2003 SV_{393}	16.8	X	320.44481	102.60781	88.39246	6.13070	0.0865923	0.24252431	2.5466301	21	—	—
363487 2003 SF_{394}	17.4	X	92.16015	173.88940	77.36457	6.34793	0.2030315	0.27560352	2.3385476	21	10 26.9	20.9
363488 2003 SV_{400}	16.1	X	39.18134	233.75448	130.40617	12.21411	0.1469242	0.16954625	3.2330364	21	12 21.2	20.7
363489 2003 SV_{428}	15.9	X	22.15536	147.10364	210.82411	7.47270	0.0536204	0.16957326	3.2326930	21	11 9.0	20.3
363490 2003 SX_{431}	16.4	X	102.47044	92.46120	211.42336	8.96403	0.0962570	0.17563564	3.1578703	21	12 14.8	21.2
363491 2003 TP	17.8	X	63.71841	120.42712	214.61698	24.10690	0.3226096	0.28353925	2.2947071	21	—	—
363492 2003 TJ_{7}	15.5	X	58.64998	309.19136	47.62838	17.03338	0.2228823	0.17420658	3.1751166	21	—	—
363493 2003 TQ_{11}	17.6	X	321.08944	188.80313	209.81404	6.82954	0.2587955	0.27308872	2.3528823	21	10 9.7	18.8
363494 2003 TH_{12}	16.4	X	161.89492	190.64982	177.11690	4.68519	0.2480994	0.19106026	2.9855371	21	3 1.1	21.5
363495 2003 TW_{26}	15.8	X	159.63280	31.19634	223.23077	14.50503	0.2378848	0.17623571	3.1506979	21	12 11.3	21.4
363496 2003 TT_{39}	16.5	X	118.46643	122.02839	217.21085	13.42729	0.1847428	0.18046647	3.1012613	21	—	—
363497 2003 TA_{46}	15.8	X	193.72594	261.33496	228.42878	9.04058	0.0419458	0.15625271	3.4139017	21	8 18.8	21.0
363498 2003 TD_{51}	15.3	X	233.72588	339.21786	280.61255	11.75056	0.0243807	0.18420997	3.0591020	21	—	—
363499 2003 TJ_{59}	17.3	X	217.36287	235.10183	162.86714	7.27735	0.2341419	0.25768356	2.4457473	21	5 16.3	21.5
363500 2003 UH_{3}	17.6	X	39.78434	320.17900	222.61832	21.48803	0.0340183	0.36409485	1.9423450	21	3 20.9	19.8
363501 2003 UG_{10}	15.9	X	108.83707	124.78433	227.08601	25.99660	0.2097957	0.18086977	3.0966495	21	—	—
363502 2003 UG_{13}	17.4	X	228.11281	194.75459	214.25745	20.86118	0.1059780	0.37082340	1.9187776	21	6 11.6	20.1
363503 2003 UT_{15}	16.7	X	274.35169	175.99024	218.03046	6.12696	0.1033036	0.26425021	2.4050595	21	7 22.8	19.8
363504 Belleau	17.4	X	247.78999	190.60836	212.70975	5.84687	0.1073231	0.26271767	2.4144035	21	6 30.7	20.8
363505 2003 UC_{20}	18.4	X	353.81896	59.70590	188.39715	3.80423	0.3368019	1.42736639	0.7812303	21	—	—
363506 2003 UJ_{37}	14.7	X	11.95835	177.89610	238.16976	19.26861	0.1547704	0.17261497	3.1946044	21	—	—
363507 2003 UE_{47}	17.1	X	150.98687	351.07110	68.70593	25.04026	0.1158526	0.35935321	1.9593937	21	4 12.7	20.0
363508 2003 UX_{47}	15.1	X	12.71031	164.18002	227.51486	14.59065	0.1204541	0.17078164	3.2174263	21	12 13.8	19.3
363509 2003 UF_{56}	16.4	X	122.32463	171.12977	178.19628	11.99130	0.3125908	0.18174289	3.0867237	21	1 12.7	21.4
363510 2003 UY_{63}	17.3	X	31.85521	245.24584	165.38678	12.69520	0.2710931	0.22933895	2.6433266	21	—	—
363511 2003 UA_{64}	15.8	X	85.09616	174.22251	168.19337	15.92022	0.2577425	0.17491104	3.1665856	21	—	—
363512 2003 US_{80}	16.3	X	78.19241	174.59396	185.31996	10.82467	0.2117813	0.17596632	3.1539128	21	—	—
363513 2003 UW_{100}	17.0	X	105.39912	238.58532	222.00085	19.71958	0.0957269	0.36181154	1.9505082	21	3 9.9	19.2
363514 2003 UJ_{106}	17.7	X	45.40100	235.73469	73.29310	2.31558	0.1988152	0.27672469	2.3322268	21	11 17.2	20.5
363515 2003 UG_{119}	15.4	X	209.65998	2.18691	300.44432	16.81205	0.2227849	0.19116422	2.9844546	21	1 21.5	20.6
363516 2003 UG_{124}	15.9	X	74.93123	256.64805	73.45460	5.30002	0.1842178	0.17202515	3.2019023	21	12 25.7	20.7
363517 2003 UP_{136}	17.6	X	348.39512	318.75163	16.76923	1.62070	0.1853525	0.27072980	2.3665300	21	9 7.1	19.1
363518 2003 UD_{140}	16.7	X	119.83494	221.07047	185.07728	28.60402	0.1327618	0.24399357	2.5363964	21	2 12.5	20.6
363519 2003 UB_{152}	17.3	X	343.44122	191.24858	166.60758	6.15942	0.1952713	0.27163329	2.3612794	21	10 4.7	18.8
363520 2003 UN_{170}	17.4	X	277.08537	341.49205	51.72867	2.22509	0.1750465	0.26522439	2.3991666	21	7 16.0	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363521 2003 UW_{178}	15.9	X	86.59187	113.33325	205.25498	25.28126	0.2829017	0.17361058	3.1823792	21	12 28.9	21.6
363522 2003 UR_{187}	17.0	X	199.29194	149.83235	258.92531	4.77643	0.1789014	0.25515234	2.4618958	21	5 13.2	21.0
363523 2003 UZ_{198}	17.0	X	279.05962	172.41095	227.55031	8.56805	0.2069286	0.26673791	2.3900825	21	7 20.2	20.1
363524 2003 UO_{201}	17.5	X	335.17907	329.60876	14.74441	2.43952	0.2404171	0.26956082	2.3733668	21	8 15.0	18.7
363525 2003 UK_{211}	16.9	X	7.50447	107.39640	231.59018	5.78535	0.1477434	0.27190399	2.3597120	21	10 20.0	19.2
363526 2003 UN_{225}	16.1	X	71.73892	104.46582	231.45200	11.88740	0.1957898	0.17138631	3.2098542	21	12 29.2	21.1
363527 2003 UV_{226}	17.5	X	324.22670	73.03534	269.53022	3.83999	0.2435087	0.26769152	2.3844029	21	7 9.5	19.2
363528 2003 UK_{235}	16.0	X	127.63521	100.45104	211.27294	14.36177	0.1962255	0.17753749	3.1352776	21	—	—
363529 2003 UJ_{240}	17.2	X	236.74541	32.44064	25.23723	1.68180	0.1497672	0.26139596	2.4225354	21	7 3.3	20.8
363530 2003 UN_{260}	17.4	X	292.10762	140.59325	217.70849	3.33440	0.0734918	0.26333229	2.4106453	21	7 3.7	20.4
363531 2003 UH_{262}	17.5	X	320.75051	162.35067	217.79578	1.42088	0.2333761	0.27088956	2.3655994	21	9 6.9	18.9
363532 2003 US_{283}	15.1	X	57.47071	113.76102	244.05573	24.95522	0.2004967	0.17006898	3.2264081	21	—	—
363533 2003 UR_{287}	17.7	X	8.27004	274.71855	44.71121	3.00360	0.1838872	0.27184108	2.3600760	21	9 28.6	19.6
363534 2003 UB_{290}	17.4	X	350.79437	188.05621	151.16507	2.83946	0.2239433	0.27071840	2.3665964	21	9 22.8	18.8
363535 2003 UJ_{303}	16.2	X	103.34271	77.66354	280.32517	8.40060	0.1002662	0.17862597	3.1225278	21	—	—
363536 2003 UQ_{316}	17.0	X	109.81042	112.55250	328.69500	6.73332	0.2420610	0.24347411	2.5400028	21	4 3.1	20.6
363537 2003 UB_{319}	17.0	X	274.75901	234.89872	150.56049	6.66689	0.1424553	0.26499660	2.4005413	21	7 6.0	20.0
363538 2003 UX_{327}	16.6	X	137.46322	94.35493	204.82345	10.24093	0.1290342	0.18117397	3.0931823	21	—	—
363539 2003 UD_{328}	18.0	X	56.63026	86.36344	220.89754	6.14206	0.1366966	0.28069426	2.3101864	21	11 20.7	21.0
363540 2003 UZ_{330}	15.2	X	178.27988	319.56423	226.05156	13.29126	0.1712410	0.17369612	3.1813343	21	10 7.4	20.6
363541 2003 UG_{349}	16.1	X	133.78734	100.83149	183.28334	13.29420	0.1493600	0.17598143	3.1537322	21	12 23.8	21.4
363542 2003 UF_{372}	17.6	X	291.75700	152.53601	211.04561	7.19795	0.1290886	0.26762659	2.3847885	21	7 1.0	20.5
363543 2003 UF_{378}	17.5	X	61.15698	276.57903	11.13188	6.49589	0.1292999	0.27693256	2.3310595	21	10 27.5	20.4
363544 2003 VH_{2}	17.7	X	181.95648	174.10532	242.71443	22.04936	0.1023643	0.36448180	1.9409700	21	4 26.2	20.2
363545 2003 VX_{9}	17.3	X	101.36261	220.60109	245.72097	19.37767	0.1011310	0.35741085	1.9664862	21	3 10.5	19.7
363546 2003 WA_{4}	16.8	X	281.65162	303.41821	74.15002	7.02411	0.1334547	0.26261345	2.4150423	21	7 6.7	19.7
363547 2003 WH_{11}	17.3	X	313.27096	59.52231	300.55439	4.82247	0.2069581	0.26761447	2.3848606	21	7 21.2	19.4
363548 2003 WA_{13}	17.4	X	40.84452	291.77628	47.17236	6.50580	0.2868185	0.27776346	2.3264085	21	—	—
363549 2003 WV_{24}	17.6	X	289.00271	271.07364	57.49837	23.41567	0.0916234	0.36711789	1.9316674	21	5 9.2	19.4
363550 2003 WR_{36}	15.4	X	94.02796	95.01442	255.59041	13.62752	0.3070432	0.17662084	3.1461161	21	—	—
363551 2003 WV_{39}	16.3	X	142.16461	89.14619	282.50159	5.26225	0.2139529	0.18610013	3.0383532	21	2 14.3	21.3
363552 2003 WX_{49}	17.3	X	227.86110	66.47824	322.06783	5.25411	0.1235106	0.25655166	2.4529357	21	5 16.0	20.9
363553 2003 WW_{53}	15.9	X	159.70714	97.40860	253.72867	9.98697	0.1511441	0.18592090	3.0403056	21	1 30.7	20.8
363554 2003 WT_{66}	15.4	X	123.44571	106.56046	246.47016	12.71460	0.1361773	0.17827498	3.1266249	21	—	—
363555 2003 WB_{105}	15.5	X	334.99513	274.90607	80.58520	13.03574	0.0980003	0.15529477	3.4279265	21	9 4.1	20.1
363556 2003 WY_{105}	16.7	X	84.83308	58.80360	74.12041	12.58633	0.2512775	0.24336852	2.5407374	21	5 17.3	19.9
363557 2003 WQ_{139}	15.1	X	58.96793	300.03609	75.09304	22.61613	0.3298433	0.17152576	3.2081142	21	—	—
363558 2003 WT_{145}	18.0	X	188.55153	172.03024	235.33080	19.66368	0.0842823	0.36348145	1.9445296	21	4 19.3	20.5
363559 2003 WJ_{150}	17.2	X	272.84517	273.81951	110.43248	8.03762	0.1600951	0.26199085	2.4188669	21	6 29.3	20.3
363560 2003 YC	16.7	X	30.69048	301.15886	132.61604	24.58640	0.3166003	0.28565675	2.2833530	21	—	—
363561 2003 YC_{1}	17.6	X	207.02526	332.47903	68.35528	23.06249	0.0785908	0.36357577	1.9441932	21	5 11.7	20.0
363562 2003 YQ_{12}	17.0	X	42.62159	68.66158	50.38056	5.37978	0.3177959	0.23269313	2.6178636	21	2 5.4	18.4
363563 2003 YW_{27}	16.7	X	169.71448	84.74898	7.46485	7.53322	0.1053398	0.25300868	2.4757822	21	6 8.4	20.5
363564 2003 YD_{127}	17.0	X	50.72081	70.11388	76.24032	13.98328	0.2458742	0.23697583	2.5862272	21	4 11.9	19.5
363565 2003 YD_{155}	16.5	X	76.05152	56.01723	49.63692	12.41346	0.2692078	0.23679726	2.5875273	21	4 3.3	19.4
363566 2003 YD_{167}	16.3	X	324.00581	307.73399	293.41758	12.70204	0.1185966	0.23669744	2.5882547	21	2 25.6	19.7
363567 2004 AH_{8}	16.0	X	127.81014	134.70460	287.07865	13.25912	0.3447903	0.18493367	3.0511160	21	4 8.2	21.5
363568 2004 AD_{9}	16.3	X	52.23422	274.96371	245.94507	7.56651	0.1373135	0.23742571	2.5829592	21	4 10.7	19.1
363569 2004 AO_{10}	17.1	X	176.12852	346.61032	126.74136	23.69144	0.0753367	0.36453664	1.9407753	21	7 16.3	19.3
363570 2004 AM_{14}	16.5	X	108.43583	215.45236	241.30737	11.17715	0.1359980	0.23896580	2.5718495	21	4 6.7	20.0
363571 2004 AO_{21}	17.4	X	100.36911	178.83744	291.52559	1.63186	0.0129685	0.24039150	2.5616707	21	3 28.6	20.6
363572 2004 BR_{6}	15.8	X	99.27284	132.30223	292.66931	20.99865	0.2568232	0.17967894	3.1103166	21	3 2.7	20.6
363573 2004 BB_{9}	16.5	X	161.45888	9.32114	32.45987	10.66499	0.2238492	0.24297848	2.5434557	21	4 6.5	20.6
363574 2004 BV_{14}	16.3	X	34.73651	214.29155	299.14472	13.44372	0.0279371	0.23594096	2.5937841	21	2 21.7	19.8
363575 2004 BO_{28}	17.2	X	87.19640	119.20222	348.68504	3.54833	0.1811447	0.23734361	2.5835549	21	4 2.4	20.3
363576 2004 BC_{73}	16.1	X	4.05980	93.63448	130.98169	24.18868	0.2251885	0.23804663	2.5784657	21	4 19.4	19.0
363577 2004 BB_{80}	17.3	X	38.32197	16.70149	139.37228	4.93740	0.2233512	0.23478282	2.6023069	21	3 18.6	19.3
363578 2004 BA_{85}	15.7	X	347.67573	278.35996	256.60916	16.66829	0.1590724	0.22654988	2.6649772	21	1 3.6	19.1
363579 2004 BF_{94}	17.6	X	30.09364	354.99790	147.46737	18.97500	0.1307217	0.34509889	2.0129841	21	—	—
363580 2004 BE_{159}	17.3	X	298.25279	297.03328	349.71223	2.81083	0.2290946	0.23205785	2.6226391	21	3 13.7	21.0
363581 2004 CT_{1}	16.7	X	144.83836	304.31274	136.32785	13.28141	0.2842652	0.24371081	2.5383579	21	5 16.8	21.3
363582 Folpotat	17.1	X	333.21821	75.38801	127.75261	5.15343	0.2068265	0.23015738	2.6370566	21	1 13.1	20.5
363583 2004 CP_{11}	17.2	X	44.79876	263.52041	201.04274	1.54173	0.1835832	0.22933429	2.6433624	21	1 11.7	19.6
363584 2004 CG_{36}	16.2	X	49.38694	8.43687	138.49895	17.71600	0.1621389	0.23386666	2.6090987	21	3 27.8	19.2
363585 2004 CB_{51}	16.4	X	340.30845	53.47814	150.67091	32.02461	0.2328573	0.22973568	2.6402826	21	1 21.4	20.0
363586 2004 CL_{64}	16.9	X	53.81324	85.09525	63.73024	4.40573	0.1767556	0.23594136	2.5937811	21	4 6.0	19.4
363587 2004 CT_{69}	16.2	X	90.00903	14.67011	123.53047	14.50215	0.1124921	0.23940900	2.5686745	21	5 13.6	19.8
363588 2004 CH_{77}	17.0	X	358.90632	226.94617	339.20724	3.53468	0.1310824	0.23419360	2.6066699	21	3 9.6	19.7
363589 2004 CV_{98}	16.7	X	322.01328	205.02217	336.42422	12.99936	0.1884085	0.22325710	2.6911167	21	—	—
363590 2004 CF_{104}	16.5	X	340.27669	272.33873	255.15605	10.22188	0.2045250	0.22570548	2.6716197	21	—	—
363591 2004 DY_{9}	16.0	X	112.16527	350.36154	135.37592	22.43566	0.0506221	0.24041799	2.5614826	21	5 19.3	20.0
363592 2004 DZ_{38}	16.9	X	63.63381	338.00629	140.27023	5.90240	0.1059612	0.23278790	2.6171530	21	3 1.9	19.8
363593 2004 DP_{55}	17.2	X	349.61910	35.51895	172.14323	3.09419	0.0610204	0.23347823	2.6119917	21	3 4.5	20.4
363594 2004 EZ_{7}	16.3	X	268.59138	283.03375	348.62199	11.75948	0.1107044	0.22617821	2.6678959	21	2 8.9	20.3
363595 2004 ES_{18}	16.5	X	70.18032	94.14638	25.10624	13.32931	0.1958661	0.23397533	2.6082907	21	3 28.9	19.3
363596 2004 EN_{70}	17.1	X	301.06286	47.48923	190.39482	2.02037	0.1488220	0.22616486	2.6680008	21	1 25.8	21.0
363597 2004 ED_{71}	16.9	X	10.37503	186.50290	343.83856	3.18244	0.1171531	0.22897832	2.6461013	21	2 11.1	19.8
363598 2004 ET_{71}	16.8	X	89.81365	33.84362	84.61788	8.65664	0.1534478	0.23653309	2.5894535	21	4 21.3	20.1
363599 2004 FG_{11}	21.0	X	197.85925	228.49718	83.75681	3.12718	0.7238294	0.49286334	1.5872733	21	1 16.4	24.0
363600 2004 FQ_{61}	17.0	X	327.84102	63.29045	176.23259	13.04991	0.2208290	0.22896831	2.6461785	21	2 18.3	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363601 2004 FP_{87}	16.5	X	36.67018	118.19277	39.82411	13.63615	0.0981719	0.23116964	2.6293527	21	3 17.9	19.7
363602 2004 FG_{114}	16.8	X	350.65532	61.49232	131.97233	5.34211	0.1314007	0.22730811	2.6590475	21	2 8.3	19.7
363603 2004 FJ_{128}	16.8	X	298.19121	69.47797	199.65115	12.38055	0.2404343	0.22662512	2.6643873	21	2 15.6	20.9
363604 2004 FG_{134}	16.9	X	325.48927	286.51240	268.14975	2.80871	0.2149534	0.22389575	2.6859968	21	—	—
363605 2004 FZ_{134}	16.7	X	346.95994	86.58517	98.87059	13.54769	0.2005269	0.22599500	2.6693376	21	1 12.8	19.8
363606 2004 FA_{137}	16.6	X	310.28963	108.96914	112.50260	13.58518	0.1992106	0.22243221	2.6977659	21	1 10.7	20.4
363607 2004 FX_{146}	16.5	X	348.83779	329.06734	209.40199	15.42874	0.1952491	0.22426162	2.6830746	21	1 4.7	20.1
363608 2004 FS_{148}	16.2	X	345.52901	152.71827	27.82961	13.95830	0.1308054	0.22309217	2.6924429	21	1 18.9	19.8
363609 2004 GO_{11}	16.0	X	41.19890	16.81425	140.23724	29.66760	0.1125439	0.23161272	2.6259983	21	3 23.6	19.3
363610 2004 HZ_{18}	16.5	X	285.98414	46.61336	224.75791	8.38384	0.2706474	0.22365902	2.6878917	21	2 4.1	21.1
363611 2004 HU_{23}	17.0	X	259.76341	42.23277	228.12544	4.38067	0.0706717	0.22152924	2.7050918	21	1 28.7	20.9
363612 2004 HN_{36}	16.4	X	6.85834	358.41104	156.92044	14.25019	0.2245391	0.22450119	2.6811654	21	1 2.9	19.4
363613 2004 HL_{38}	16.2	X	265.20494	193.06066	85.22738	15.91704	0.1522461	0.22127237	2.7071849	21	2 11.5	20.6
363614 2004 HJ_{48}	16.7	X	15.81417	277.71544	231.06986	11.87518	0.2128436	0.22495243	2.6775787	21	1 10.6	19.5
363615 2004 HM_{71}	16.6	X	212.92415	88.23532	217.14829	11.53968	0.1681624	0.21835166	2.7312726	21	1 20.6	21.3
363616 2004 JC_{4}	16.8	X	247.93716	109.87130	134.77637	4.81858	0.0490846	0.21407574	2.7675220	21	—	—
363617 2004 KK_{17}	18.3	X	267.01118	31.56393	103.66869	41.53607	0.5758463	0.55480144	1.4668228	21	—	—
363618 2004 LX_{23}	17.0	X	248.37428	149.61334	156.32880	10.16882	0.2580808	0.21841861	2.7307145	21	2 18.3	21.7
363619 2004 OQ_{10}	16.2	X	232.60129	105.71211	229.86137	18.32911	0.3324203	0.21361581	2.7714930	21	3 4.9	21.7
363620 2004 PG_{5}	17.0	X	280.19937	161.54990	170.91340	7.16517	0.2740629	0.22207922	2.7006239	21	4 18.2	21.1
363621 2004 PZ_{77}	15.8	X	138.03833	70.28005	283.96932	7.15299	0.1701836	0.20049745	2.8911024	21	1 15.7	20.2
363622 2004 PN_{91}	15.9	X	272.17134	177.29382	184.72902	28.00508	0.2313706	0.21941521	2.7224395	21	5 22.9	20.5
363623 Chelčický	16.2	X	137.70572	108.54629	249.92411	11.14527	0.2184341	0.19952796	2.9004599	21	1 23.1	20.9
363624 2004 QB_{29}	16.2	X	125.72086	228.83037	92.12595	14.12801	0.0583576	0.18813875	3.0163649	21	—	—
363625 2004 RZ	15.9	X	191.65752	109.46041	238.52485	25.62850	0.2756481	0.20579846	2.8412403	21	2 17.8	21.5
363626 2004 RA_{11}	18.8	X	248.14601	276.42337	169.72221	39.35810	0.3993251	0.39998885	1.8243331	21	7 29.7	22.3
363627 2004 RK_{33}	16.1	X	60.38742	270.14799	109.83360	5.13318	0.2203770	0.18960574	3.0007863	21	—	—
363628 2004 RU_{41}	16.7	X	247.20509	65.71975	275.31010	6.59573	0.3224854	0.21519491	2.7579182	21	3 23.9	21.8
363629 2004 RH_{104}	16.3	X	280.25354	59.76444	225.79261	7.14666	0.1985525	0.21284188	2.7782073	21	2 24.5	20.8
363630 2004 RO_{139}	18.4	X	125.83907	188.03202	147.62281	2.27195	0.2383753	0.31225324	2.1517810	21	—	—
363631 2004 RB_{148}	15.7	X	357.37008	12.77568	21.70552	12.31054	0.1091560	0.18054337	3.1003806	21	11 22.8	19.6
363632 2004 RQ_{151}	16.8	X	121.97500	143.14179	177.38856	9.97810	0.0871347	0.19200078	2.9757793	21	—	—
363633 2004 RT_{165}	16.1	X	238.90458	219.04201	134.02040	17.08570	0.2745150	0.21400973	2.7680910	21	4 13.3	21.2
363634 2004 RA_{168}	16.0	X	298.95164	333.03808	340.05799	9.09701	0.1485320	0.21736648	2.7395191	21	4 27.4	19.8
363635 2004 RX_{178}	15.7	X	44.21097	85.54733	271.90062	8.42253	0.0809153	0.18325760	3.0696914	21	12 12.3	19.8
363636 2004 RJ_{184}	17.8	X	146.40544	7.70080	290.16468	5.90157	0.1880818	0.31115169	2.1568566	21	—	—
363637 2004 RM_{185}	16.5	X	174.95955	4.62528	316.10605	4.09074	0.2007875	0.20008773	2.8950478	21	1 14.0	21.3
363638 2004 RP_{189}	15.8	X	45.92684	105.08787	250.39081	9.04578	0.1902770	0.18175967	3.0865338	21	12 26.5	20.1
363639 2004 RG_{192}	15.7	X	344.24250	33.13217	349.59932	9.33071	0.2600040	0.17436080	3.1732441	21	10 18.1	18.7
363640 2004 RW_{199}	15.0	X	64.20664	117.06199	262.98193	12.39446	0.2129250	0.18458047	3.0550070	21	—	—
363641 2004 RH_{203}	16.8	X	282.85524	39.32995	23.50050	5.26826	0.1677923	0.17055375	3.2202916	21	8 31.8	21.2
363642 2004 RX_{209}	16.0	X	357.07085	170.87436	213.21893	16.97155	0.2169550	0.17959454	3.1112910	21	11 21.6	19.4
363643 2004 RV_{213}	16.5	X	220.82558	83.30684	258.89712	12.30022	0.2613517	0.26831472	2.3807094	21	3 2.1	21.0
363644 2004 RL_{216}	16.2	X	249.12124	103.73420	255.97825	8.46477	0.1910376	0.21629354	2.7485714	21	4 27.5	20.6
363645 2004 RH_{228}	16.8	X	319.30957	185.86165	205.66337	6.62142	0.1394126	0.17042454	3.2219191	21	9 16.0	20.7
363646 2004 RO_{228}	16.0	X	153.45381	63.20669	207.43125	10.60379	0.0638897	0.18469969	3.0536923	21	12 26.9	20.8
363647 2004 RT_{244}	15.9	X	211.66411	171.23681	1.49724	10.61822	0.0645626	0.18154002	3.0890229	21	10 30.9	20.6
363648 2004 RA_{251}	15.7	X	292.26127	210.77829	219.22743	13.48573	0.2247746	0.17106092	3.2139234	21	9 7.9	20.1
363649 2004 RT_{253}	15.4	X	116.24054	314.68004	14.38284	14.82994	0.0894529	0.19200619	2.9757234	21	—	—
363650 2004 RE_{255}	16.1	X	114.62543	252.90919	115.39516	11.96467	0.1860301	0.19508269	2.9443553	21	1 10.3	20.2
363651 2004 RV_{316}	15.9	X	48.53288	158.94256	231.19218	11.79476	0.1391792	0.18712308	3.0272699	21	—	—
363652 2004 RM_{321}	17.7	X	40.98561	138.23482	219.89980	4.93438	0.1766371	0.29969392	2.2114855	21	—	—
363653 2004 RL_{325}	15.1	X	2.54499	170.94235	229.55151	19.79160	0.3090220	0.17573999	3.1566202	21	12 31.2	18.7
363654 2004 RF_{336}	16.1	X	83.58648	141.83026	207.94650	11.44222	0.1371548	0.18598779	3.0395766	21	—	—
363655 2004 RK_{339}	17.5	X	183.04925	215.46427	162.64886	1.63349	0.2101311	0.26541143	2.3980393	21	3 22.4	21.4
363656 2004 RA_{345}	17.5	X	91.20741	297.49470	32.27235	5.54092	0.1363068	0.30524651	2.1845848	21	—	—
363657 2004 SO_{24}	15.6	X	17.90725	154.57719	205.20799	27.75178	0.1340026	0.17646936	3.1479163	21	11 15.8	19.8
363658 2004 SE_{48}	15.2	X	49.11165	161.96819	239.81666	13.25680	0.2603205	0.18489275	3.0515662	21	—	—
363659 2004 SH_{48}	15.8	X	73.77612	111.93006	270.07638	5.08074	0.2805851	0.18621684	3.0370836	21	—	—
363660 2004 SJ_{61}	18.0	X	41.33681	205.71954	150.73827	4.68838	0.2048640	0.29877358	2.2160247	21	—	—
363661 2004 TL_{5}	16.5	X	44.72434	328.12782	42.19164	2.80977	0.0729150	0.18345910	3.0674434	21	12 27.4	20.7
363662 2004 TP_{22}	15.8	X	359.72465	222.65880	208.53352	8.83781	0.0445045	0.18562338	3.0435535	21	—	—
363663 2004 TC_{26}	16.0	X	112.85231	75.61668	194.95667	18.22630	0.1312971	0.18099580	3.0952119	21	11 21.3	21.0
363664 2004 TD_{31}	15.7	X	29.53207	154.00173	221.05967	9.71283	0.0860701	0.18044440	3.1015142	21	12 14.9	19.9
363665 2004 TH_{47}	17.5	X	322.61275	196.28267	205.99667	5.89461	0.0988944	0.29018850	2.2595186	21	11 2.0	19.3
363666 2004 TE_{48}	16.1	X	120.51610	122.15570	205.89900	9.87691	0.0828866	0.18736083	3.0247084	21	—	—
363667 2004 TW_{53}	15.6	X	95.11022	113.10879	213.17828	9.09261	0.0759542	0.18172871	3.0868844	21	12 31.4	20.4
363668 2004 TX_{55}	15.8	X	9.76597	0.56721	47.75077	10.91614	0.0512981	0.17994443	3.1072566	21	12 24.8	20.1
363669 2004 TX_{59}	16.5	X	83.36012	202.71030	171.91010	5.49297	0.1725909	0.19002546	2.9963660	21	—	—
363670 2004 TP_{62}	16.1	X	178.49761	189.63551	5.80665	9.24786	0.0366098	0.17495680	3.1660334	21	10 23.8	20.7
363671 2004 TK_{63}	15.7	X	92.55622	321.44159	18.45252	9.62071	0.1473643	0.18610858	3.0382612	21	—	—
363672 2004 TG_{65}	16.4	X	97.19148	184.41826	159.26649	7.68141	0.2166851	0.18830120	3.0146299	21	—	—
363673 2004 TF_{66}	17.7	X	99.64917	298.33682	55.58150	5.92301	0.1921663	0.30777004	2.1726269	21	—	—
363674 2004 TY_{73}	17.3	X	346.81123	24.42978	20.88228	7.84344	0.1104894	0.29400259	2.2399343	21	12 22.6	19.5
363675 2004 TE_{80}	16.0	X	39.40134	178.78390	205.12164	11.48766	0.0774220	0.18431640	3.0579243	21	—	—
363676 2004 TZ_{82}	16.6	X	64.20390	56.26130	285.06568	1.72543	0.1107915	0.18248617	3.0783364	21	12 20.7	21.1
363677 2004 TN_{87}	16.8	X	141.91388	129.80388	180.07162	1.01304	0.0801873	0.19041209	2.9923085	21	—	—
363678 2004 TT_{92}	16.0	X	150.06111	109.31087	214.15567	9.60790	0.1220505	0.19272551	2.9683145	21	—	—
363679 2004 TE_{97}	16.7	X	131.70784	111.93793	194.72679	6.73883	0.2076317	0.18886602	3.0086165	21	—	—
363680 2004 TQ_{108}	17.4	X	337.25987	7.35926	41.18570	6.81463	0.1506015	0.29533422	2.2331962	21	12 14.1	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363681 2004 TY_{110}	17.3	X	329.88183	341.61564	58.74566	6.17238	0.1479032	0.29135598	2.2534786	21	11 14.7	18.8
363682 2004 TA_{113}	16.5	X	250.10122	59.75743	269.84474	7.18581	0.2890133	0.21161053	2.7889744	21	3 14.6	21.6
363683 2004 TQ_{121}	15.7	X	25.98753	207.66928	203.32509	17.15339	0.1081342	0.18529150	3.0471866	21	—	—
363684 2004 TY_{124}	17.8	X	59.89043	234.43846	118.89444	4.76508	0.1870171	0.30235585	2.1984865	21	—	—
363685 2004 TQ_{132}	15.6	X	83.14389	83.17026	259.05177	9.95918	0.1349297	0.18493758	3.0510730	21	—	—
363686 2004 TV_{132}	15.7	X	102.52847	92.62742	240.11463	15.35037	0.1310660	0.18621628	3.0370897	21	—	—
363687 2004 TC_{143}	15.5	X	71.93709	138.97018	225.56470	9.98854	0.1016702	0.18495547	3.0508763	21	—	—
363688 2004 TD_{148}	16.1	X	255.00353	311.84135	214.26080	10.78414	0.0367354	0.18322614	3.0700427	21	12 19.4	20.5
363689 2004 TY_{157}	16.0	X	107.82457	273.09570	28.31859	15.33263	0.1931169	0.18213660	3.0822740	21	12 24.0	21.3
363690 2004 TU_{158}	15.9	X	77.04998	122.18154	227.36402	10.54180	0.0696644	0.18263255	3.0766914	21	—	—
363691 2004 TM_{161}	15.6	X	86.51914	118.23343	218.22649	10.02177	0.0529736	0.18189893	3.0849583	21	12 31.5	20.3
363692 2004 TK_{163}	16.0	X	53.85192	265.91972	94.51202	2.38254	0.1794769	0.18141997	3.0903855	21	—	—
363693 2004 TM_{203}	17.4	X	324.11161	157.38737	223.34730	7.42183	0.2317698	0.28684315	2.2770526	21	9 18.4	18.8
363694 2004 TT_{207}	15.9	X	89.11901	117.36831	220.89150	7.35565	0.1449031	0.18218170	3.0817653	21	—	—
363695 2004 TS_{208}	16.3	X	276.31810	254.44193	226.31914	4.63837	0.0983957	0.17919073	3.1159635	21	11 12.7	20.2
363696 2004 TA_{215}	15.7	X	20.41939	290.78335	131.72727	10.84104	0.0838888	0.18506245	3.0497004	21	—	—
363697 2004 TS_{238}	16.1	X	105.09352	327.71154	20.97127	9.74848	0.1629902	0.18834989	3.0141102	21	—	—
363698 2004 TA_{257}	15.6	X	308.21495	218.11080	211.63716	24.32038	0.0818235	0.17406863	3.1767939	21	10 25.7	19.6
363699 2004 TS_{272}	15.9	X	325.37736	180.10337	241.01856	8.36175	0.0671253	0.17393036	3.1784773	21	11 8.7	20.1
363700 2004 TD_{278}	17.4	X	79.60427	242.48052	55.39214	5.61902	0.1359293	0.29389434	2.2404843	21	12 6.3	20.4
363701 2004 TE_{291}	16.4	X	42.12008	144.79519	205.52852	8.87833	0.0949895	0.17930712	3.1146149	21	12 2.9	20.7
363702 2004 TY_{307}	15.7	X	24.13630	109.07003	281.00890	7.73285	0.1896772	0.18078010	3.0976735	21	—	—
363703 2004 TE_{314}	18.1	X	148.43526	354.64292	306.77973	2.69016	0.1737157	0.30912307	2.1662826	21	—	—
363704 2004 TG_{333}	15.3	X	83.25352	263.23616	43.30892	11.27845	0.0494462	0.17572504	3.1567991	21	11 20.9	19.9
363705 2004 TT_{333}	15.6	X	114.48081	121.29109	220.37101	7.21916	0.1458723	0.18764173	3.0216890	21	—	—
363706 2004 TW_{345}	15.7	X	57.41451	156.81840	234.71857	12.95035	0.2066809	0.18566473	3.0431015	21	—	—
363707 2004 TC_{351}	16.6	X	113.55891	135.46640	210.82166	9.02018	0.1305273	0.18784367	3.0195229	21	—	—
363708 2004 TD_{357}	15.6	X	60.70335	283.32363	98.02832	11.45877	0.1161603	0.18688130	3.0298804	21	—	—
363709 2004 TE_{357}	15.6	X	335.02404	321.66104	65.04406	15.45970	0.1916635	0.17278805	3.1924706	21	10 14.9	19.3
363710 2004 TL_{360}	17.0	X	335.05273	157.60472	237.02751	6.00805	0.1138153	0.29151357	2.2526663	21	11 14.1	18.7
363711 2004 UP_{5}	15.7	X	27.29136	135.34688	241.97401	10.87624	0.1205739	0.17919304	3.1159367	21	12 18.8	19.8
363712 2004 VO_{1}	14.9	X	339.57805	191.15734	230.89984	26.76379	0.1372091	0.17461668	3.1701434	21	12 1.3	18.8
363713 2004 VC_{6}	15.6	X	338.65373	343.97315	61.68387	11.40858	0.1092557	0.17354323	3.1832024	21	11 10.5	19.5
363714 2004 VT_{16}	18.4	X	127.85552	68.25534	260.97170	4.33355	0.3812672	0.30949631	2.1645406	21	—	—
363715 2004 VY_{20}	15.5	X	49.92834	171.67015	228.37225	11.63240	0.0834492	0.18569677	3.0427515	21	—	—
363716 2004 VL_{22}	15.8	X	2.60488	334.60110	53.27662	12.10448	0.2429921	0.17411991	3.1761701	21	12 6.9	19.2
363717 2004 VK_{30}	16.4	X	77.56877	163.78671	213.22695	8.70250	0.1432702	0.18617240	3.0375669	21	—	—
363718 2004 VT_{37}	17.7	X	96.52084	65.78972	234.21549	3.33670	0.1795791	0.29692498	2.2252129	21	12 29.7	21.2
363719 2004 VW_{47}	15.2	X	85.90757	273.14558	78.80860	11.50433	0.2038734	0.18375231	3.0641793	21	—	—
363720 2004 VV_{56}	17.6	X	357.74004	10.08143	357.15780	3.37230	0.1954825	0.29079269	2.2563877	21	11 25.8	19.4
363721 2004 VF_{58}	15.8	X	17.49242	143.54333	259.00212	7.34786	0.1393730	0.17983208	3.1085506	21	—	—
363722 2004 VY_{59}	17.6	X	18.75421	106.53888	266.86918	4.86035	0.1847490	0.29455467	2.2371346	21	—	—
363723 2004 VY_{60}	15.5	X	350.10151	299.30314	122.72244	23.08743	0.1570183	0.17831916	3.1261085	21	12 24.5	19.3
363724 2004 VP_{64}	15.6	X	32.59416	157.16447	235.70042	11.93156	0.2681665	0.17977059	3.1092594	21	—	—
363725 2004 VC_{72}	15.8	X	312.43008	354.72397	59.81498	6.14178	0.1435107	0.16926345	3.2366364	21	10 8.5	19.7
363726 2004 VM_{130}	15.6	X	8.15044	176.20594	239.04250	9.96151	0.0901685	0.17835297	3.1257134	21	—	—
363727 2004 WS_{1}	18.0	X	51.28803	133.30536	244.91583	2.91914	0.1365725	0.29975375	2.2111912	21	—	—
363728 2004 XC_{4}	17.3	X	271.09920	340.74110	94.70425	8.12453	0.0898430	0.28370516	2.2938124	21	9 27.4	20.0
363729 2004 XH_{17}	15.3	X	76.82608	163.45399	277.43889	9.97298	0.0657024	0.18942835	3.0026593	21	2 1.2	19.4
363730 2004 XN_{19}	17.0	X	11.12215	139.42965	244.20634	6.81442	0.1401590	0.29240752	2.2480728	21	—	—
363731 2004 XF_{39}	16.2	X	325.71879	237.09524	203.20527	16.96519	0.2361321	0.17409313	3.1764958	21	11 28.9	19.5
363732 2004 XH_{47}	17.6	X	163.05140	174.79443	320.91974	4.75863	0.1570440	0.27013394	2.3700088	21	8 1.3	21.3
363733 2004 XM_{49}	17.1	X	233.48966	163.86462	278.88895	6.34313	0.1571832	0.27683842	2.3315880	21	7 31.7	20.5
363734 2004 XN_{50}	18.8	X	232.78824	253.38545	62.42505	3.31283	0.7785207	0.45198219	1.6815967	21	2 2.4	23.0
363735 2004 XC_{66}	15.9	X	76.72937	277.57231	103.24110	14.59692	0.2411586	0.18311275	3.0713100	21	—	—
363736 2004 XH_{66}	18.1	X	173.84718	90.50158	30.50043	1.58074	0.1299196	0.27131510	2.3631252	21	7 23.4	21.7
363737 2004 XR_{76}	17.1	X	294.85847	8.94270	57.41362	5.82651	0.1198254	0.28637351	2.2795414	21	10 16.9	19.2
363738 2004 XT_{77}	17.6	X	264.49973	172.32324	266.36340	4.14098	0.1920245	0.28180143	2.3041315	21	8 28.2	20.4
363739 2004 XF_{81}	17.2	X	307.61369	186.54082	212.97537	1.91484	0.1574231	0.28310259	2.2970661	21	9 20.9	19.2
363740 2004 XG_{95}	18.1	X	228.73509	235.45922	180.13212	1.71477	0.2766886	0.27258924	2.3557556	21	6 12.5	22.1
363741 2004 XA_{96}	15.3	X	48.07940	287.83662	91.28754	25.16413	0.3363405	0.17886933	3.1196949	21	—	—
363742 2004 XO_{97}	17.9	X	171.68796	17.77391	72.94611	6.17341	0.2050669	0.26570995	2.3962429	21	6 11.9	21.9
363743 2004 XW_{121}	17.4	X	268.02195	23.89640	10.57167	1.90168	0.2370655	0.27759116	2.3273710	21	6 26.2	20.4
363744 2004 XU_{126}	17.1	X	265.07553	0.84367	91.07924	3.14724	0.0986993	0.28319642	2.2965586	21	10 7.5	19.6
363745 2004 XN_{169}	17.7	X	313.56837	359.54913	43.92056	5.49997	0.0949083	0.28512564	2.2861876	21	10 17.7	19.8
363746 2004 YW	15.2	X	281.46655	189.48120	319.41511	24.48862	0.4680648	0.17007622	3.2263166	21	10 14.5	20.2
363747 2004 YR_{6}	17.3	X	218.12600	227.16747	238.53314	6.88903	0.0480160	0.27973021	2.3154912	21	8 24.4	20.3
363748 2005 AF	18.3	X	275.45406	185.28258	213.87827	2.47158	0.2383001	0.27760747	2.3272799	21	7 11.3	21.3
363749 2005 AS_{11}	17.8	X	246.62275	356.61496	55.94075	3.25324	0.1907708	0.27356173	2.3501693	21	7 2.8	21.3
363750 2005 AC_{37}	17.0	X	271.28361	140.26183	274.23274	5.92739	0.1140685	0.27540344	2.3396801	21	8 15.3	19.8
363751 2005 AZ_{37}	17.7	X	144.74849	20.83285	83.11791	5.96066	0.1922046	0.26131879	2.4230123	21	6 4.3	21.5
363752 2005 AT_{61}	17.5	X	117.50177	145.55538	350.29587	5.85036	0.2367190	0.25955822	2.4339568	21	6 23.5	21.3
363753 2005 AQ_{64}	17.4	X	325.71377	72.49795	299.76738	5.73425	0.1374652	0.27809872	2.3245384	21	9 13.6	19.4
363754 2005 AW_{64}	17.9	X	134.22940	209.82115	273.95023	1.58747	0.1587354	0.26217298	2.4177465	21	6 16.8	21.3
363755 2005 BZ_{12}	16.9	X	122.11486	242.88569	308.40244	6.37438	0.1071179	0.26963850	2.3729110	21	8 27.6	20.2
363756 2005 BE_{25}	17.2	X	152.39573	36.10367	119.61590	7.22738	0.1604709	0.26808092	2.3820934	21	8 18.0	20.8
363757 2005 CJ_{10}	17.9	X	169.76271	15.24496	66.25125	3.36488	0.1973937	0.26117513	2.4239007	21	5 29.3	21.7
363758 2005 CO_{11}	17.2	X	11.72672	1.07956	132.25608	8.97448	0.2555326	0.24118061	2.5560801	21	—	—
363759 2005 CP_{17}	18.1	X	125.99985	176.78895	299.24697	3.00893	0.1816322	0.25894286	2.4378113	21	5 30.7	21.7
363760 2005 CN_{23}	17.0	X	50.15243	258.00944	204.99474	5.49536	0.1790561	0.24510432	2.5287277	21	1 13.9	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363761 2005 CF_{37}	17.2	X	85.67298	174.47120	35.49161	3.10743	0.1540612	0.26351373	2.4095386	21	8 18.2	20.3
363762 2005 CQ_{76}	16.5	X	181.62525	189.05968	247.74228	9.93746	0.1340966	0.26258984	2.4151870	21	6 2.0	20.2
363763 2005 EF_{15}	17.8	X	123.64659	2.57202	154.29549	5.95810	0.1549932	0.26095065	2.4252906	21	7 18.9	21.4
363764 2005 EA_{22}	17.6	X	58.02639	91.41726	139.07649	1.49387	0.1022470	0.26073288	2.4266409	21	7 28.9	20.3
363765 2005 EP_{43}	17.2	X	73.11595	73.76403	155.28071	4.55037	0.1181967	0.26222119	2.4174501	21	8 20.9	20.2
363766 2005 ED_{78}	17.2	X	43.95860	223.82285	339.27916	8.00143	0.1094128	0.25412627	2.4685183	21	5 23.5	20.0
363767 2005 EZ_{85}	17.0	X	57.33054	154.49592	85.87737	2.57936	0.1292847	0.26060787	2.4274169	21	8 17.2	19.7
363768 2005 EW_{122}	17.5	X	222.06141	288.48124	164.35088	5.67194	0.2180811	0.27056891	2.3674680	21	7 27.9	21.2
363769 2005 EZ_{123}	17.2	X	46.92926	153.03290	86.20295	2.57044	0.1476597	0.25776187	2.4452519	21	8 1.0	19.8
363770 2005 EJ_{141}	17.4	X	292.56176	7.55942	6.91799	1.22000	0.2030417	0.27188475	2.3598233	21	7 6.7	19.8
363771 2005 EX_{143}	18.0	X	18.05562	234.21067	21.43361	2.54512	0.1792130	0.25491346	2.4634337	21	7 3.4	20.1
363772 2005 EE_{146}	17.1	X	48.91367	90.98967	172.64747	10.81722	0.1771821	0.26057348	2.4276304	21	9 13.9	19.7
363773 2005 EY_{167}	17.3	X	169.69302	294.91241	193.20244	2.31379	0.0515759	0.26252787	2.4155671	21	7 26.5	20.5
363774 2005 EK_{174}	16.7	X	199.86177	82.59956	190.90686	12.61024	0.2266326	0.22670946	2.6637264	21	—	—
363775 2005 ER_{205}	17.7	X	83.33785	191.82680	9.80427	2.36725	0.1616395	0.26244999	2.4160450	21	8 4.0	20.7
363776 2005 EO_{249}	17.7	X	81.93760	313.96606	247.09492	2.38835	0.1627397	0.26180062	2.4200385	21	7 30.9	20.8
363777 2005 EB_{290}	16.3	X	152.53171	87.57860	206.11744	8.77772	0.0791147	0.22288886	2.6940799	21	—	—
363778 2005 ER_{306}	18.0	X	65.73715	71.22285	160.24305	6.88239	0.0788496	0.26328751	2.4109186	21	8 6.5	20.8
363779 2005 GF_{31}	16.9	X	8.04827	83.88115	112.32657	5.15423	0.0854488	0.24462293	2.5320442	21	3 16.1	19.8
363780 2005 GE_{67}	17.7	X	148.80264	289.32741	203.01110	1.96205	0.1402674	0.25840123	2.4412167	21	7 11.9	21.4
363781 2005 GW_{87}	16.4	X	85.99473	216.32538	212.53150	31.12299	0.1488824	0.23276122	2.6173530	21	1 24.9	20.4
363782 2005 GO_{88}	16.6	X	171.58844	79.94639	330.91994	1.04171	0.1286374	0.24684441	2.5168298	21	4 19.2	20.3
363783 2005 GU_{107}	18.1	X	112.92674	313.28837	189.34699	4.54341	0.1212986	0.25406547	2.4689120	21	6 14.1	21.6
363784 2005 GN_{131}	17.8	X	6.56380	208.41148	93.56360	2.78639	0.1886170	0.25682209	2.4512134	21	8 25.1	19.6
363785 2005 GK_{191}	18.4	X	106.30671	288.34092	198.17505	2.58564	0.1557013	0.25428877	2.4674665	21	5 19.7	21.6
363786 2005 HR_{9}	17.7	X	70.87867	259.14471	299.91365	0.44526	0.1346144	0.25541737	2.4601925	21	7 8.3	20.5
363787 2005 JP_{5}	17.1	X	109.89643	31.44752	84.13200	23.74387	0.1039583	0.36700179	1.9320748	21	5 3.3	19.5
363788 2005 JA_{19}	17.3	X	14.68887	169.78926	48.93829	1.78702	0.0390042	0.24535159	2.5270285	21	4 26.7	20.1
363789 2005 JO_{29}	17.5	X	41.23358	103.80040	72.18681	23.85976	0.0617998	0.36376736	1.9435105	21	4 7.6	19.9
363790 2005 JE_{46}	17.7	X	0.13850	114.70901	238.36802	8.26995	0.5523733	0.37538933	1.9031869	21	—	—
363791 2005 JP_{74}	17.5	X	325.59224	41.16145	210.62759	5.18765	0.0664378	0.24148517	2.5539305	21	3 26.1	20.8
363792 2005 JN_{121}	18.9	X	288.48385	220.86254	95.02261	4.48733	0.2175436	0.36396828	1.9427952	21	3 30.2	21.2
363793 2005 JL_{130}	16.1	X	154.45620	202.07771	218.72807	15.56432	0.0189552	0.24234923	2.5478564	21	4 1.9	19.7
363794 2005 JV_{132}	17.5	X	19.75607	24.05494	209.48519	11.62569	0.1093710	0.24717015	2.5146181	21	5 28.8	20.2
363795 2005 JC_{135}	17.4	X	45.39552	163.93859	124.09141	3.46245	0.1676590	0.25827532	2.4420100	21	10 13.2	20.3
363796 2005 JD_{146}	16.1	X	307.63471	138.69004	192.77178	15.16961	0.2041609	0.24610919	2.5218398	21	5 29.9	19.3
363797 2005 KN_{3}	17.3	X	32.70675	149.78304	55.15937	14.53278	0.0105003	0.24648353	2.5192858	21	5 4.8	20.5
363798 2005 KO_{4}	17.1	X	352.56989	175.39650	74.77101	11.10993	0.1331675	0.24538635	2.5267898	21	5 3.4	19.8
363799 2005 LX_{10}	16.8	X	182.16338	65.09446	196.05370	10.07831	0.1898432	0.21638724	2.7477778	21	—	—
363800 2005 LC_{12}	16.4	X	343.86454	323.55359	271.64642	5.13744	0.1488616	0.23693077	2.5865551	21	3 18.8	19.3
363801 2005 LE_{12}	17.3	X	32.07265	318.00582	215.14582	12.20847	0.1198719	0.24023856	2.5627578	21	3 19.5	20.1
363802 2005 LT_{12}	17.3	X	45.81592	56.58676	213.71532	21.42780	0.2746957	0.37525096	1.9036547	21	10 19.8	19.3
363803 2005 LG_{13}	17.2	X	301.67831	208.72424	104.11145	7.55545	0.0519471	0.24610060	2.5218985	21	5 20.1	20.4
363804 2005 LO_{15}	17.1	X	353.02797	149.93086	109.29754	17.60830	0.2012428	0.24194732	2.5506772	21	5 16.5	19.8
363805 2005 LD_{18}	16.7	X	285.55850	167.15410	179.92170	4.54229	0.3188132	0.24321914	2.5417776	21	5 4.6	20.6
363806 2005 LK_{19}	16.9	X	20.23934	54.59374	153.91286	5.83847	0.2253217	0.24380151	2.5377283	21	4 25.3	18.8
363807 2005 LH_{22}	16.9	X	42.73120	329.96507	215.10451	9.97416	0.1232904	0.24519427	2.5281093	21	4 29.2	19.4
363808 2005 LC_{37}	16.8	X	296.69690	215.28721	103.23250	18.22269	0.2479045	0.23849253	2.5752508	21	4 27.9	20.7
363809 2005 MG_{17}	16.8	X	338.42331	287.13417	296.55844	12.10075	0.2202828	0.23365513	2.6106732	21	2 10.9	19.9
363810 2005 MN_{29}	16.5	X	236.65803	218.79589	142.07809	15.02263	0.2004203	0.23215764	2.6218876	21	4 22.9	21.0
363811 2005 MN_{30}	17.0	X	223.26337	219.30282	141.63369	13.78935	0.1465843	0.23078883	2.6322443	21	4 13.1	21.4
363812 2005 MY_{54}	17.0	X	280.56960	21.54197	272.41475	6.24062	0.1864206	0.23148558	2.6269597	21	3 5.8	21.1
363813 2005 NC_{3}	16.9	X	215.08787	53.55393	185.99264	9.91302	0.1511182	0.21945545	2.7221067	21	—	—
363814 2005 ND_{7}	17.8	X	269.26160	241.47243	110.08635	52.58508	0.4826021	0.35816053	1.9637411	21	5 5.1	22.7
363815 2005 NY_{28}	16.1	X	114.08640	304.96804	134.77484	22.51872	0.0475818	0.22631900	2.6667893	21	3 19.8	20.0
363816 2005 NY_{38}	17.5	X	242.10705	120.96812	190.46202	5.46738	0.2121191	0.22763659	2.6564888	21	2 20.1	22.0
363817 2005 NZ_{38}	15.8	X	188.23786	144.82197	233.45453	12.57573	0.2659727	0.22272708	2.6953843	21	3 27.6	20.7
363818 2005 NA_{43}	17.2	X	280.69311	79.51332	235.87241	3.83844	0.2301441	0.23468592	2.6030231	21	3 29.1	21.1
363819 2005 NF_{50}	15.7	X	277.69420	205.29307	137.05815	10.06594	0.0993734	0.17745737	3.1362212	21	5 24.8	20.3
363820 2005 NT_{50}	16.4	X	336.20756	103.84144	133.53627	14.98523	0.0400037	0.23222494	2.6213810	21	4 2.7	20.0
363821 2005 NG_{53}	17.4	X	288.89707	93.17829	220.10527	2.78828	0.1817311	0.23612975	2.5924014	21	4 11.6	21.0
363822 2005 NG_{68}	16.8	X	267.23697	213.07900	120.95354	13.07196	0.2120941	0.23426242	2.6061593	21	4 17.6	21.1
363823 2005 ND_{84}	17.3	X	215.80301	180.57581	167.67174	2.17019	0.1479382	0.22731258	2.6590126	21	3 17.2	21.3
363824 2005 NB_{95}	16.7	X	314.18471	141.12217	131.85576	13.89164	0.0780400	0.23378716	2.6096902	21	4 14.2	20.3
363825 2005 NJ_{125}	16.4	X	259.91334	221.83975	118.95718	13.84364	0.2032009	0.23266803	2.6180518	21	4 20.3	20.8
363826 2005 ON_{7}	16.5	X	231.13390	238.38695	114.05384	14.96300	0.2121909	0.22903619	2.6456556	21	4 9.2	21.2
363827 2005 OU_{27}	18.0	X	257.15464	246.97895	59.34360	2.11235	0.2509641	0.29022584	2.2593248	21	2 19.7	21.7
363828 2005 OV_{27}	16.8	X	252.51955	262.39408	65.04922	12.68206	0.2772676	0.22857745	2.6491942	21	3 23.6	21.6
363829 2005 PQ_{6}	16.1	X	272.03641	239.34889	116.02129	31.63446	0.3779024	0.23524587	2.5988909	21	5 10.3	21.1
363830 2005 PY_{13}	16.6	X	151.03529	244.91597	108.51966	7.10787	0.2127873	0.21438608	2.7648505	21	1 30.6	20.9
363831 2005 PY_{16}	19.2	X	261.54570	193.49217	159.31542	6.41627	0.5253348	0.35502094	1.9753015	21	4 2.2	23.1
363832 2005 PD_{20}	17.0	X	230.69351	146.51996	178.45901	2.13299	0.2050502	0.22587291	2.6702994	21	2 28.4	21.4
363833 2005 PA_{24}	16.4	X	229.60843	232.61089	112.59717	12.83634	0.2400044	0.22624203	2.6673941	21	3 28.1	21.2
363834 2005 PH_{25}	17.2	X	254.75076	192.61294	108.81829	6.47377	0.1520345	0.22694529	2.6618808	21	2 26.5	21.3
363835 2005 QF_{1}	16.4	X	250.84029	191.38923	151.36945	13.73948	0.1794331	0.23150790	2.6267909	21	4 13.9	20.7
363836 2005 QR_{4}	17.2	X	256.76426	346.50933	344.22912	1.98780	0.2112722	0.22932180	2.6434585	21	3 28.6	21.3
363837 2005 QN_{10}	16.5	X	247.63793	202.34010	154.05027	14.53295	0.2574863	0.23142946	2.6273844	21	4 22.1	21.1
363838 2005 QP_{14}	17.4	X	304.34009	48.44307	320.83836	1.29855	0.1334360	0.24328702	2.5413048	21	7 30.1	20.2
363839 2005 QZ_{14}	16.1	X	170.47650	318.06804	337.15338	14.08915	0.0283452	0.20866345	2.8151732	21	—	—
363840 2005 QH_{20}	16.5	X	175.33392	199.09171	161.08484	10.51715	0.2170613	0.21893373	2.7264294	21	2 26.8	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363841 2005 QP_{20}	16.9	X	275.71468	288.00977	7.11717	5.13015	0.2736315	0.22911794	2.6450263	21	2 26.8	21.1
363842 2005 QM_{38}	17.3	X	279.06814	313.51375	338.60824	2.03582	0.2002102	0.22954626	2.6417349	21	3 3.9	21.3
363843 2005 QC_{54}	16.3	X	244.62791	181.61747	155.47157	14.06376	0.0954731	0.22886966	2.6469388	21	4 7.0	20.3
363844 2005 QG_{65}	16.9	X	209.82853	257.55472	98.77971	4.47555	0.1062624	0.22350667	2.6891131	21	3 24.6	21.1
363845 2005 QN_{66}	16.4	X	220.25881	180.21893	181.79532	14.35894	0.2613293	0.22611296	2.6684091	21	4 4.7	21.2
363846 2005 QT_{68}	16.3	X	250.54418	226.43077	125.22200	14.27981	0.1717923	0.23216695	2.6218175	21	4 27.4	20.6
363847 2005 QN_{83}	15.6	X	279.74681	174.90126	183.99041	13.08194	0.1403861	0.17372855	3.1809384	21	6 9.8	20.3
363848 2005 QE_{89}	16.2	X	189.86220	109.32337	245.45342	11.86767	0.1842806	0.22442459	2.6817755	21	2 25.3	20.9
363849 2005 QJ_{93}	16.9	X	217.73386	305.50532	1.08965	9.16248	0.1637447	0.21936633	2.7228439	21	1 31.8	21.5
363850 2005 QJ_{115}	16.7	X	298.80629	117.37843	175.71742	11.52351	0.1988601	0.23039230	2.6352636	21	3 27.9	20.2
363851 2005 QW_{121}	17.0	X	195.33611	109.64049	183.74315	4.13989	0.0398451	0.21224721	2.7833942	21	—	—
363852 2005 QX_{124}	16.9	X	135.25461	187.92572	153.65571	6.02914	0.0453617	0.20930837	2.8093876	21	—	—
363853 2005 QX_{127}	16.7	X	278.14814	172.22846	28.05983	4.11628	0.0379601	0.20991454	2.8039765	21	—	—
363854 2005 QZ_{140}	16.6	X	121.74684	205.18876	166.84932	7.69225	0.1070084	0.21131321	2.7915899	21	1 8.2	20.5
363855 2005 QN_{141}	16.5	X	219.98864	322.02654	2.48091	13.40323	0.2110584	0.22420390	2.6835351	21	2 23.6	21.2
363856 2005 QF_{146}	16.6	X	301.29967	184.95456	116.87297	11.84789	0.1903285	0.23576600	2.5950672	21	4 17.3	20.2
363857 2005 QG_{149}	17.4	X	199.32622	104.69710	229.54395	7.60434	0.2568044	0.22147894	2.7055014	21	2 12.9	22.4
363858 2005 RD_{3}	16.6	X	271.27129	312.25249	354.42617	12.99478	0.2139423	0.23025563	2.6363064	21	3 13.1	20.7
363859 2005 RK_{12}	17.3	X	178.81387	174.20543	158.48641	4.56062	0.1103342	0.21628630	2.7486327	21	1 22.5	21.5
363860 2005 RB_{20}	17.0	X	193.77011	318.43343	6.81645	4.74017	0.1664324	0.21675119	2.7447011	21	2 1.2	21.5
363861 2005 RQ_{20}	16.8	X	277.94642	124.29138	194.35143	12.01822	0.1910799	0.23023577	2.6364580	21	4 5.9	20.8
363862 2005 RF_{23}	16.5	X	210.92788	133.60453	222.00527	8.30589	0.3615623	0.22492163	2.6778232	21	3 17.3	21.7
363863 2005 RW_{23}	16.1	X	231.85773	124.77635	214.96300	13.62237	0.2639998	0.22413834	2.6840583	21	3 13.6	21.1
363864 2005 RT_{24}	16.7	X	235.10837	286.04188	84.42839	8.83217	0.4746696	0.22764705	2.6564075	21	4 19.3	22.1
363865 2005 RL_{32}	16.0	X	236.36756	125.19528	235.16355	12.20960	0.3605945	0.22533950	2.6745117	21	4 6.5	21.1
363866 2005 RD_{48}	16.8	X	224.95471	258.92718	41.54634	12.49341	0.0803878	0.21509188	2.7587989	21	2 3.9	21.2
363867 2005 RO_{51}	16.3	X	332.11086	153.75329	179.62655	11.14945	0.1234272	0.18057190	3.1000540	21	7 23.3	20.3
363868 2005 RB_{52}	15.2	X	263.45278	123.78160	244.86427	15.66474	0.1581406	0.17152727	3.2080953	21	5 30.9	20.0
363869 2005 SK_{17}	15.8	X	329.64323	135.09892	189.42858	9.20022	0.0842832	0.17540446	3.1606443	21	7 11.3	20.0
363870 2005 SE_{25}	16.3	X	234.17302	188.70552	185.63738	9.10381	0.3428901	0.22760392	2.6567430	21	4 26.3	21.2
363871 2005 SO_{27}	16.5	X	196.75829	89.57617	258.86020	3.76501	0.1710916	0.21873955	2.7280428	21	2 27.6	21.0
363872 2005 SU_{29}	16.6	X	185.69386	97.72160	204.86760	13.16959	0.0863987	0.20912922	2.8109918	21	—	—
363873 2005 SG_{37}	16.8	X	254.71717	144.40228	185.64112	17.10678	0.1655980	0.22696468	2.6617292	21	3 30.7	20.8
363874 2005 SG_{39}	16.9	X	197.32596	138.65791	195.19544	3.47372	0.1845214	0.21709440	2.7418076	21	2 12.2	21.5
363875 2005 SF_{44}	16.9	X	220.18731	85.61281	238.89344	3.72043	0.1253809	0.21825479	2.7320808	21	2 20.3	21.3
363876 2005 SA_{49}	16.8	X	278.11278	92.64191	200.14117	13.46487	0.0940088	0.22214749	2.7000705	21	3 14.9	20.8
363877 2005 SR_{49}	16.7	X	176.39689	167.07251	190.93395	2.56671	0.0963610	0.21462738	2.7627779	21	2 18.7	20.8
363878 2005 SK_{57}	17.1	X	186.99662	149.57754	192.28649	3.06117	0.2020729	0.21669035	2.7452149	21	2 13.8	21.8
363879 2005 SS_{58}	16.3	X	293.33632	44.90786	197.87786	12.85344	0.1538752	0.21735988	2.7395746	21	1 21.8	20.6
363880 2005 SM_{64}	16.5	X	278.65853	48.26305	196.01504	12.13527	0.0773052	0.21418174	2.7666088	21	1 17.4	20.7
363881 2005 SB_{65}	16.8	X	248.99529	116.44008	198.31127	11.01575	0.2282044	0.22519932	2.6756214	21	2 27.8	21.4
363882 2005 SJ_{65}	17.8	X	310.55677	49.42596	307.06862	5.45543	0.1577425	0.30269299	2.1968537	21	7 19.9	19.6
363883 2005 SK_{65}	16.5	X	123.25237	151.49301	231.60506	8.33629	0.1657593	0.21092464	2.7950174	21	1 29.6	20.6
363884 2005 SY_{78}	17.1	X	232.04814	249.75827	40.02603	4.05953	0.0649318	0.21540637	2.7561130	21	1 26.4	21.1
363885 2005 SG_{79}	17.2	X	259.59773	276.49908	15.29767	12.55445	0.2648654	0.22408143	2.6845128	21	2 14.9	22.0
363886 2005 SR_{90}	16.9	X	218.46712	128.14468	199.43233	4.34969	0.1545765	0.21823293	2.7322631	21	2 22.2	21.4
363887 2005 SX_{92}	16.4	X	140.16960	346.98934	13.39295	9.72665	0.1662350	0.20947513	2.8078963	21	1 26.8	20.7
363888 2005 SF_{99}	17.0	X	195.19169	44.35039	291.95136	3.87468	0.1626448	0.21604373	2.7506897	21	2 12.9	21.6
363889 2005 SE_{103}	17.1	X	236.02204	132.48846	196.95027	12.46664	0.2749358	0.22395062	2.6855580	21	3 5.3	22.1
363890 2005 SU_{106}	16.4	X	210.31209	139.87581	209.69637	28.60214	0.1561462	0.22346355	2.6894589	21	3 9.3	21.2
363891 2005 SB_{107}	16.3	X	133.27354	128.76336	239.12356	12.33188	0.2073555	0.21138862	2.7909260	21	1 25.9	20.8
363892 2005 SQ_{108}	17.0	X	272.21032	139.49199	195.89718	12.18910	0.1913875	0.23022206	2.6365626	21	4 22.0	20.9
363893 2005 SN_{110}	16.9	X	354.54782	222.85806	204.72264	1.48084	0.0489976	0.19478367	2.9473679	21	12 31.7	20.9
363894 2005 SK_{119}	16.3	X	215.02142	299.61641	48.23150	10.80471	0.2397013	0.22250998	2.6971373	21	3 19.9	21.1
363895 2005 SN_{138}	17.0	X	173.18007	316.33426	26.82342	4.57419	0.0795870	0.21353701	2.7721748	21	1 29.7	21.1
363896 2005 SD_{150}	16.6	X	349.40276	287.01504	132.79621	2.69806	0.1777782	0.19053003	2.9910735	21	12 23.4	19.7
363897 2005 SJ_{151}	17.0	X	137.28571	266.84177	57.74760	2.92160	0.0648052	0.20271841	2.8699473	21	—	—
363898 2005 ST_{151}	16.9	X	233.12607	121.57451	175.31854	4.28476	0.0797326	0.21505187	2.7591411	21	2 2.5	21.1
363899 2005 SS_{158}	16.5	X	292.98703	59.89360	242.64871	12.37603	0.2674588	0.23155774	2.6264139	21	3 17.8	20.6
363900 2005 SM_{167}	16.7	X	211.83911	211.17864	145.61268	11.11095	0.3390797	0.22283003	2.6945541	21	3 24.6	21.9
363901 2005 SW_{169}	16.8	X	43.76207	207.17581	207.12811	10.06418	0.1113369	0.20126147	2.8837810	21	—	—
363902 2005 ST_{176}	16.7	X	272.51309	283.69494	319.39830	3.18126	0.0546993	0.21292558	2.7774792	21	1 14.6	20.7
363903 2005 SG_{179}	16.9	X	124.10833	186.80629	193.44824	9.21730	0.1599635	0.21057849	2.7980795	21	1 26.9	21.0
363904 2005 SH_{182}	16.8	X	221.55960	340.49387	319.27656	3.03216	0.0773507	0.21366545	2.7710637	21	1 26.4	20.8
363905 2005 SW_{186}	16.9	X	84.06893	348.41106	31.21738	2.26369	0.0784861	0.20266315	2.8704690	21	—	—
363906 2005 SF_{187}	17.2	X	316.88361	177.58850	164.27272	4.40411	0.2742374	0.23944105	2.5684453	21	6 17.2	19.7
363907 2005 ST_{189}	17.3	X	252.83934	86.18372	199.33193	11.42753	0.1145490	0.21693726	2.7431314	21	2 4.3	21.8
363908 2005 SV_{199}	17.2	X	188.23545	175.64549	178.89705	12.21419	0.0564465	0.21944239	2.7222146	21	2 23.3	21.3
363909 2005 SZ_{207}	15.8	X	264.24169	186.02182	234.82932	8.62897	0.0919436	0.17594416	3.1541776	21	8 10.9	20.5
363910 2005 SQ_{209}	16.1	X	177.60650	82.86557	241.47866	7.92927	0.1381688	0.21289339	2.7777593	21	1 12.9	20.6
363911 2005 SX_{213}	15.8	X	164.72069	123.59639	239.60116	12.54245	0.1962067	0.21420167	2.7664372	21	2 15.7	20.5
363912 2005 SM_{217}	16.5	X	127.49750	341.42370	44.53019	5.69311	0.1624047	0.21004850	2.8027842	21	2 11.9	20.6
363913 2005 SA_{219}	16.1	X	277.41411	212.36022	227.54602	15.21959	0.2284086	0.17533030	3.1615355	21	8 29.2	20.8
363914 2005 SB_{220}	16.9	X	270.82616	171.85409	161.53200	11.85604	0.2913878	0.23422939	2.6064043	21	4 8.9	21.2
363915 2005 SE_{221}	17.0	X	89.94902	121.00773	212.66006	8.66654	0.0308127	0.19467360	2.9484788	21	—	—
363916 2005 SF_{231}	16.4	X	166.54195	222.99279	154.89641	8.93213	0.2044516	0.21674969	2.7447138	21	3 13.3	20.9
363917 2005 SN_{233}	16.3	X	224.27931	109.63548	32.37537	6.72718	0.2322503	0.17915281	3.1164031	21	9 26.6	21.3
363918 2005 SY_{233}	16.9	X	221.96936	260.16010	35.23550	2.88223	0.1644205	0.21203923	2.7852140	21	1 21.3	21.5
363919 2005 SQ_{236}	16.7	X	167.19794	124.89331	218.07885	8.35923	0.1885740	0.21142101	2.7906409	21	1 27.8	21.3
363920 2005 SS_{244}	16.7	X	181.41456	148.27098	198.61136	6.40903	0.0734015	0.21475678	2.7616679	21	2 7.8	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
363921 2005 SV_{254}	16.4	X	241.36780	146.60567	179.28419	14.42385	0.1543949	0.22584325	2.6705331	21	3 12.8	20.7
363922 2005 SZ_{265}	16.3	X	316.31228	210.66514	210.19791	7.82043	0.1568870	0.18599060	3.0395460	21	10 22.3	19.8
363923 2005 SO_{268}	16.5	X	140.69836	282.54676	63.51943	5.59448	0.1674279	0.20901517	2.8120142	21	1 7.8	20.6
363924 2005 SP_{269}	16.7	X	150.84873	266.79373	129.05718	9.56956	0.2418873	0.21677500	2.7445001	21	3 26.4	21.4
363925 2005 SF_{274}	16.3	X	55.28957	55.64650	213.85200	8.74165	0.0654269	0.18105340	3.0945554	21	9 2.8	20.7
363926 2005 ST_{287}	16.4	X	269.40688	54.46858	88.50009	14.15904	0.1086787	0.18968544	2.9999456	21	12 2.8	20.4
363927 2005 SW_{287}	16.3	X	256.49248	36.17232	88.52465	14.69054	0.1962737	0.18274547	3.0754238	21	10 17.6	21.0
363928 2005 TW_{4}	17.2	X	18.35979	318.66124	91.75284	0.98938	0.0816287	0.19532792	2.9418904	21	—	—
363929 2005 TF_{6}	16.6	X	260.52175	72.47610	251.97470	8.35439	0.3022451	0.22793438	2.6541746	21	3 13.9	21.4
363930 2005 TG_{8}	16.9	X	184.02755	168.89995	173.31733	3.80419	0.1071267	0.21405203	2.7677264	21	2 8.1	21.1
363931 2005 TR_{49}	16.6	X	159.22206	135.05451	244.75898	3.79794	0.1246310	0.21461513	2.7628830	21	2 28.6	20.8
363932 2005 TT_{53}	16.0	X	155.90535	147.31621	182.57385	12.90162	0.0719228	0.20966013	2.8062444	21	—	—
363933 2005 TR_{54}	15.6	X	319.74733	213.63947	212.32426	11.45850	0.1910331	0.18419565	3.0592606	21	11 1.8	18.9
363934 2005 TM_{64}	17.4	X	68.13327	344.07442	30.53642	6.32522	0.0793909	0.19799569	2.9154050	21	—	—
363935 2005 TQ_{81}	16.9	X	198.95783	86.45957	224.18808	5.28336	0.0518653	0.21178138	2.7874743	21	1 14.2	21.1
363936 2005 TE_{83}	15.9	X	189.64781	142.02892	227.53023	12.01401	0.2138419	0.21878071	2.7277006	21	3 17.5	20.7
363937 2005 TR_{87}	17.1	X	198.08815	283.84081	40.16636	4.52191	0.0652250	0.21428826	2.7656919	21	2 1.2	21.2
363938 2005 TV_{97}	16.7	X	181.90077	108.59080	226.89590	5.81525	0.0785578	0.21107889	2.7936555	21	1 26.6	20.9
363939 2005 TD_{106}	16.8	X	271.26192	241.55013	6.23142	7.37244	0.1743865	0.21435742	2.7650970	21	1 8.4	21.2
363940 2005 TA_{112}	17.0	X	184.16022	99.35152	235.52651	3.42454	0.0751576	0.21369687	2.7707921	21	1 28.4	21.1
363941 2005 TC_{112}	17.0	X	200.17661	88.29766	228.47392	4.17923	0.0592947	0.21337030	2.7736185	21	1 22.8	21.2
363942 2005 TG_{119}	16.6	X	229.17136	85.82347	207.60301	7.80226	0.0648914	0.21401763	2.7680229	21	1 24.5	20.9
363943 2005 TC_{123}	17.2	X	190.20050	138.73824	196.69426	3.55070	0.1026782	0.21488634	2.7605578	21	2 5.4	21.4
363944 2005 TZ_{126}	17.1	X	43.01339	356.90016	31.16170	2.23875	0.1042833	0.19583685	2.9367914	21	—	—
363945 2005 TG_{142}	17.1	X	164.67560	278.96171	71.63058	4.16024	0.0855683	0.21177379	2.7875408	21	1 29.9	21.2
363946 2005 TM_{156}	16.8	X	199.68370	68.40817	243.60419	3.81817	0.1428190	0.21387418	2.7692605	21	1 19.3	21.2
363947 2005 TE_{159}	16.8	X	239.43607	308.81036	307.66537	3.84476	0.1158296	0.20920494	2.8103134	21	—	—
363948 2005 TU_{172}	16.0	X	181.49869	352.37163	357.46198	7.90896	0.2257189	0.21488980	2.7605282	21	2 22.4	20.8
363949 2005 TA_{192}	16.0	X	57.09928	24.09556	219.30202	15.41055	0.0775286	0.17196455	3.2026546	21	8 1.6	20.7
363950 2005 TP_{196}	16.6	X	268.93738	203.21348	134.48908	14.80541	0.2593731	0.22972408	2.6403715	21	4 19.1	21.1
363951 2005 UB_{3}	15.8	X	98.18407	155.99222	232.22791	14.61726	0.1393875	0.20388641	2.8589761	21	1 2.6	19.7
363952 2005 UE_{8}	15.8	X	347.00905	203.90772	209.53412	8.51171	0.2552620	0.18671137	3.0317184	21	12 15.6	18.7
363953 2005 UY_{21}	16.8	X	183.03067	106.00293	235.07252	5.77943	0.1271766	0.21265616	2.7798247	21	2 5.5	21.2
363954 2005 UX_{22}	16.6	X	156.34645	121.94052	234.94957	5.16630	0.0997825	0.20992568	2.8038773	21	1 27.5	20.8
363955 2005 UG_{24}	16.8	X	197.43925	292.76157	21.91639	4.70959	0.1530195	0.21116674	2.7928807	21	1 23.3	21.4
363956 2005 UR_{25}	17.4	X	274.17615	98.10544	218.25737	12.50580	0.2766638	0.22721228	2.6597951	21	3 18.2	21.8
363957 2005 UU_{32}	16.6	X	270.07864	65.89304	62.18314	1.80999	0.0882108	0.18674105	3.0313972	21	11 16.2	20.6
363958 2005 UP_{48}	16.4	X	105.11922	132.72312	246.94580	7.49427	0.0773077	0.20285917	2.8686196	21	—	—
363959 2005 UJ_{56}	15.9	X	297.43905	176.51338	213.98815	10.27494	0.1043780	0.17685194	3.1433747	21	8 14.4	20.2
363960 2005 UT_{58}	16.5	X	328.64072	86.79445	237.57096	10.58240	0.3211810	0.23726564	2.5841208	21	6 5.4	18.6
363961 2005 UW_{86}	17.0	X	221.89476	102.79248	204.96369	8.14983	0.1488926	0.21462359	2.7628104	21	2 1.3	21.6
363962 2005 UL_{89}	16.5	X	333.64106	51.41485	13.71076	11.58551	0.1165562	0.18727443	3.0256386	21	11 25.9	20.3
363963 2005 UP_{91}	15.8	X	229.17530	198.28996	18.66796	10.93586	0.0363643	0.19584673	2.9366927	21	—	—
363964 2005 UJ_{98}	16.0	X	280.47549	45.18822	67.72668	8.25828	0.1548366	0.18427887	3.0583395	21	11 3.4	19.9
363965 2005 UN_{111}	16.5	X	194.43296	64.62622	268.75350	3.67395	0.1583716	0.21114093	2.7931082	21	2 9.1	21.1
363966 2005 UB_{118}	16.7	X	186.83652	291.68183	25.47608	5.00273	0.1502607	0.20967355	2.8061246	21	1 16.7	21.2
363967 2005 US_{120}	16.0	X	294.15932	211.95617	239.20086	10.88845	0.2295116	0.18305031	3.0720084	21	10 10.8	19.9
363968 2005 UY_{126}	16.0	X	286.11859	280.52510	227.77784	12.27318	0.1199876	0.19123933	2.9836731	21	12 28.9	19.9
363969 2005 US_{127}	16.7	X	237.94354	317.84962	37.11019	5.29349	0.1245899	0.22328072	2.6909269	21	4 17.6	20.6
363970 2005 UD_{128}	15.9	X	236.25702	278.42679	226.64806	17.02942	0.1755573	0.18131919	3.0915305	21	10 12.9	20.8
363971 2005 US_{131}	17.2	X	262.38689	238.51153	154.36964	10.37760	0.2193356	0.23297186	2.6157751	21	6 20.9	21.3
363972 2005 UA_{141}	16.5	X	159.44434	149.34778	206.62790	8.29718	0.2141917	0.21056272	2.7982192	21	2 7.2	21.2
363973 2005 UV_{147}	16.6	X	37.40960	153.98037	235.01319	9.37489	0.0769432	0.19281097	2.9674373	21	—	—
363974 2005 UV_{152}	16.1	X	225.83628	84.49490	45.80227	10.39421	0.1840232	0.17601827	3.1532922	21	9 20.9	21.2
363975 2005 UU_{154}	15.7	X	200.79011	115.03959	52.61570	26.77287	0.2574380	0.17627675	3.1502089	21	10 15.6	21.4
363976 2005 UN_{158}	15.8	X	306.63757	223.59324	212.32165	16.18366	0.1388051	0.18349737	3.0670168	21	10 27.2	19.4
363977 2005 UN_{165}	18.6	X	112.15743	247.74163	215.34729	3.31881	0.2567354	0.27835384	2.3231178	21	5 6.9	21.6
363978 2005 UJ_{176}	17.7	X	288.14209	134.77746	239.45142	4.18553	0.2665328	0.23550002	2.5970207	21	6 19.3	21.1
363979 2005 UA_{185}	16.2	X	237.08101	107.71115	62.33820	10.13511	0.2324132	0.18381528	3.0634795	21	11 9.8	21.0
363980 2005 UN_{198}	16.3	X	39.34779	44.08787	234.92889	10.61276	0.1764760	0.17788650	3.1311753	21	9 6.4	20.4
363981 2005 UE_{200}	16.9	X	265.59607	322.96564	142.14248	1.46387	0.1450298	0.18021125	3.1041887	21	10 4.3	21.0
363982 2005 UO_{207}	16.9	X	198.93260	220.44498	69.94884	3.05442	0.0405143	0.20516345	2.8471000	21	—	—
363983 2005 UW_{210}	16.2	X	198.10825	323.76358	226.89571	16.08767	0.1341632	0.18421060	3.0590950	21	11 4.8	20.9
363984 2005 UJ_{216}	16.0	X	178.89053	297.74165	58.50944	16.19626	0.2522179	0.21403070	2.7679102	21	3 7.7	21.2
363985 2005 UN_{230}	16.6	X	309.64123	309.13681	205.64602	4.36518	0.0389410	0.19801133	2.9152514	21	—	—
363986 2005 UC_{231}	17.1	X	216.51878	112.84886	215.91860	2.54105	0.1968900	0.21673133	2.7448688	21	2 21.9	21.8
363987 2005 UX_{252}	16.5	X	338.26267	201.96042	241.55988	8.57437	0.1546536	0.18986017	2.9981048	21	12 31.6	20.0
363988 2005 UD_{266}	16.6	X	263.55224	84.78480	65.10456	8.94453	0.1706431	0.18629963	3.0361838	21	11 22.9	20.5
363989 2005 UX_{275}	17.0	X	205.35955	281.97614	48.95215	6.30728	0.1326372	0.21640973	2.7475875	21	2 18.9	21.4
363990 2005 UR_{278}	16.5	X	211.37934	82.03431	215.62605	7.61198	0.1247927	0.20935328	2.8089858	21	1 12.8	21.1
363991 2005 UX_{293}	16.7	X	39.43421	140.39327	243.05891	9.29101	0.1028504	0.19207048	2.9750594	21	—	—
363992 2005 UR_{308}	16.3	X	81.66398	335.33470	50.94715	10.81366	0.0732446	0.19875326	2.9079920	21	—	—
363993 2005 UW_{313}	15.8	X	113.08406	334.92780	73.78893	18.34810	0.1875699	0.20947433	2.8079035	21	3 5.9	20.2
363994 2005 UQ_{315}	16.4	X	2.33074	207.75090	207.40111	7.96869	0.0785266	0.19039565	2.9924807	21	12 28.0	20.4
363995 2005 UT_{315}	17.0	X	78.44298	276.18415	139.83848	2.75114	0.0576294	0.20372187	2.8605153	21	1 1.9	20.7
363996 2005 UL_{330}	17.2	X	280.89033	241.13901	209.67949	3.99450	0.1324530	0.18012759	3.1051497	21	10 7.2	21.3
363997 2005 UN_{346}	17.1	X	115.15261	294.21429	40.15948	6.82143	0.0673196	0.19675602	2.9276379	21	—	—
363998 2005 UZ_{363}	16.6	X	170.91004	78.40694	208.09496	11.49439	0.0211452	0.19804599	2.9149114	21	—	—
363999 2005 UB_{371}	17.2	X	58.74857	263.49160	165.03638	2.12229	0.0528739	0.20214020	2.8754175	21	—	—
364000 2005 UB_{382}	16.5	X	250.34968	280.22953	56.84109	11.47096	0.2483358	0.22789638	2.6544696	21	4 2.6	21.1