Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524001 1999 TG_{307}	16.1	X	75.57883	72.82624	215.08963	11.57738	0.1345201	0.18102469	3.0948825	21	11 2.9	20.4
524002 1999 TX_{313}	17.9	X	24.97356	201.65095	126.73726	2.08665	0.1877625	0.27104522	2.3646937	21	11 12.4	20.3
524003 1999 TX_{318}	17.3	X	92.17121	102.39915	195.24899	1.79248	0.0623171	0.22796825	2.6539118	21	12 1.9	21.1
524004 1999 TZ_{334}	16.8	X	173.89063	9.50102	209.45920	7.98607	0.0411969	0.22774024	2.6556828	21	11 26.7	20.5
524005 1999 TP_{336}	16.6	X	243.18018	311.61872	217.22977	13.03302	0.1168150	0.22938175	2.6429978	21	12 6.5	20.2
524006 1999 UA_{23}	16.8	X	118.30653	93.85147	214.25912	12.67832	0.1933659	0.23426870	2.6061128	21	—	—
524007 1999 UT_{44}	17.9	X	55.46330	38.08458	28.44353	21.42587	0.1095353	0.37417925	1.9072879	21	—	—
524008 1999 UP_{46}	17.1	X	235.65135	15.04768	15.89204	11.21088	0.2513001	0.25687615	2.4508695	21	5 16.7	21.3
524009 1999 UU_{53}	17.5	X	52.89207	260.73449	44.75730	2.61314	0.1919251	0.27006776	2.3703959	21	11 19.2	20.6
524010 1999 UU_{59}	18.2	X	12.22075	25.40439	44.61432	3.70775	0.1009204	0.27932084	2.3177530	21	—	—
524011 1999 VG_{41}	18.0	X	239.82558	29.62123	62.53092	9.86297	0.2631076	0.21468604	2.7622746	21	8 11.5	22.6
524012 1999 VH_{85}	16.4	X	89.71219	241.18300	58.29346	3.63330	0.1349733	0.18172219	3.0869582	21	12 1.2	21.2
524013 1999 VZ_{118}	17.1	X	70.66517	10.59748	238.41797	6.17682	0.0470315	0.26400771	2.4065320	21	8 31.3	20.3
524014 1999 VT_{119}	16.6	X	25.95590	297.16134	18.24500	8.03734	0.0858676	0.17641089	3.1486118	21	9 27.5	20.6
524015 1999 VD_{126}	17.6	X	85.28338	120.41150	201.45995	6.10570	0.1335189	0.27751249	2.3278109	21	—	—
524016 1999 VN_{128}	17.2	X	316.64950	357.30006	41.86583	3.74665	0.1123451	0.22131761	2.7068160	21	10 4.5	20.1
524017 1999 VS_{149}	17.3	X	58.70120	342.37639	32.48344	3.36505	0.1556100	0.23159479	2.6261339	21	—	—
524018 1999 VW_{182}	18.2	X	130.39122	280.32826	56.82099	6.70479	0.2632100	0.28350599	2.2948865	21	—	—
524019 1999 VG_{208}	16.5	X	304.12023	339.01124	65.91833	9.98564	0.0747397	0.17349271	3.1838204	21	9 24.6	20.8
524020 1999 VG_{214}	17.7	X	321.92526	230.68728	182.65002	2.58441	0.0638569	0.22622742	2.6675090	21	11 4.6	20.8
524021 1999 WK_{15}	17.2	X	72.12771	129.98637	61.81287	1.01067	0.0091736	0.20978559	2.8051254	21	6 10.8	21.0
524022 1999 WV_{20}	17.2	X	349.53326	315.30325	52.75206	7.21658	0.0343152	0.22192666	2.7018614	21	10 16.6	20.6
524023 1999 WH_{23}	18.3	X	261.18391	293.69888	62.61605	5.45055	0.1911052	0.25566231	2.4586210	21	5 5.3	22.0
524024 1999 WO_{27}	18.0	X	337.66883	309.01794	66.47809	3.59186	0.1057725	0.26629160	2.3927523	21	10 16.5	20.2
524025 1999 XT_{54}	17.3	X	9.61244	300.63755	75.10670	11.07168	0.2415842	0.27108213	2.3644790	21	—	—
524026 1999 XF_{138}	17.0	X	238.46691	154.20082	235.60642	14.80879	0.2048382	0.21118800	2.7926932	21	5 26.0	21.4
524027 1999 XF_{224}	18.2	X	339.29201	266.46809	99.12088	6.96302	0.1410862	0.30686652	2.1768895	21	10 16.7	19.9
524028 1999 XM_{232}	17.5	X	216.90636	222.62183	227.87563	3.45858	0.0235610	0.21315902	2.7754510	21	8 3.3	21.5
524029 1999 XJ_{253}	18.4	X	252.67276	285.56626	93.42821	3.44540	0.2311656	0.25682352	2.4512044	21	5 21.9	22.2
524030 1999 XS_{253}	17.7	X	1.72119	245.77966	100.20548	3.48601	0.1231932	0.26563156	2.3967143	21	10 18.7	20.0
524031 1999 XJ_{258}	16.1	X	0.22228	138.33975	235.22591	13.20869	0.0689095	0.17804910	3.1292687	21	10 30.4	20.3
524032 1999 YQ_{25}	16.6	X	168.94700	279.67806	265.19045	7.43549	0.0918755	0.21577069	2.7530097	21	10 2.0	21.0
524033 2000 AN_{145}	17.3	X	240.57734	297.17536	124.05238	8.94044	0.2425404	0.25574323	2.4581023	21	7 2.7	21.3
524034 2000 AV_{164}	17.0	X	355.71316	247.02110	93.85490	5.45724	0.0822398	0.21241853	2.7818974	21	9 20.7	20.4
524035 2000 AM_{211}	17.7	X	235.73751	205.28355	306.83632	7.87972	0.1884895	0.26230674	2.4169245	21	10 27.9	21.2
524036 2000 AS_{225}	16.3	X	258.71902	184.97741	288.50941	15.00680	0.1181207	0.21739000	2.7393215	21	10 5.6	20.4
524037 2000 AA_{234}	16.4	X	327.26578	170.02795	252.09959	1.85930	0.0489784	0.22200844	2.7011978	21	11 22.8	19.5
524038 2000 AS_{257}	16.8	X	306.15724	246.14248	107.10213	5.20867	0.1156470	0.21373257	2.7704835	21	7 11.9	20.2
524039 2000 AA_{258}	17.3	X	284.73023	63.34395	310.27825	6.53784	0.2414529	0.21069205	2.7970740	21	6 18.6	21.2
524040 2000 BK_{20}	18.8	X	279.16594	318.66239	133.11071	1.76986	0.1675030	0.26172013	2.4205346	21	10 13.9	21.2
524041 2000 BJ_{43}	18.0	X	240.82345	98.63648	310.70504	1.09264	0.2809100	0.25482605	2.4639969	21	6 14.4	22.2
524042 2000 BX_{44}	16.5	X	181.63122	53.29853	114.83116	5.57877	0.0643248	0.21216086	2.7841495	21	10 1.6	20.7
524043 2000 BE_{47}	18.0	X	174.69744	323.45530	316.74823	3.56397	0.1284345	0.26943874	2.3740837	21	—	—
524044 2000 CP_{69}	17.0	X	116.32042	225.48761	285.63729	0.92878	0.0125621	0.20108085	2.8855077	21	6 16.2	20.8
524045 2000 CF_{74}	17.5	X	207.31118	11.71707	134.00623	5.39800	0.0968949	0.21139532	2.7908669	21	9 28.8	21.7
524046 2000 CR_{78}	17.0	X	145.09501	91.27712	126.47077	4.59188	0.1728445	0.21168256	2.7883418	21	10 24.9	21.6
524047 2000 CF_{96}	16.9	X	216.69414	21.94327	129.41192	7.75910	0.0720051	0.26088475	2.4256991	21	10 26.6	20.2
524048 2000 CC_{98}	16.3	X	251.00375	33.48074	315.43525	0.89372	0.0465418	0.19774641	2.9178545	21	5 3.3	20.5
524049 2000 CQ_{105}	6.3	X	324.68950	104.01434	130.74777	19.73510	0.3916813	0.00231294	56.6274567	21	3 3.1	22.7
524050 2000 CQ_{106}	17.2	X	165.82867	86.18392	135.07911	3.47664	0.0826711	0.21585096	2.7523272	21	11 17.4	21.3
524051 2000 CR_{126}	18.5	X	332.01296	315.85046	140.64014	0.83111	0.0603349	0.31422092	2.1427886	21	—	—
524052 2000 CR_{127}	18.0	X	260.56247	353.36998	107.17288	2.31988	0.1834847	0.26159207	2.4213245	21	9 25.8	20.9
524053 2000 CK_{143}	15.7	X	177.44688	101.94361	134.68181	31.51973	0.1022006	0.17236602	3.1976796	21	12 15.5	21.2
524054 2000 DV_{16}	18.0	X	335.89083	152.39200	334.36665	18.60157	0.0769923	0.36274711	1.9471530	21	—	—
524055 2000 DX_{67}	16.0	X	4.60955	22.10150	172.24301	9.19320	0.0597966	0.18854777	3.0120010	21	3 17.1	19.7
524056 2000 DD_{89}	16.9	X	277.16748	294.54871	148.03762	4.99643	0.0392019	0.21208932	2.7847755	21	10 11.4	20.6
524057 2000 EK_{5}	16.9	X	122.81855	116.29379	161.57379	4.57218	0.0330623	0.21530791	2.7569532	21	12 8.5	20.9
524058 2000 EV_{22}	18.2	X	321.08306	298.66374	147.92098	4.95942	0.1529413	0.26610767	2.3938547	21	12 29.8	20.3
524059 2000 EM_{55}	17.5	X	75.43575	287.22559	306.28001	4.60251	0.1523454	0.29299981	2.2450421	21	9 5.6	20.2
524060 2000 EP_{67}	17.9	X	236.69101	14.20544	181.97779	7.69848	0.2211833	0.26294388	2.4130186	21	12 24.6	21.1
524061 2000 EK_{72}	16.9	X	83.65441	233.89480	217.29218	0.50398	0.1475335	0.18985348	2.9981752	21	3 8.9	20.6
524062 2000 EG_{102}	16.6	X	68.39023	345.95486	180.49720	9.73075	0.0319629	0.19289349	2.9665910	21	5 9.4	20.7
524063 2000 EG_{161}	16.9	X	11.15044	44.89299	177.15042	9.82680	0.1181443	0.23839686	2.5759397	21	4 27.5	19.6
524064 2000 EQ_{163}	16.2	X	15.34825	198.88341	359.02226	9.27235	0.1164485	0.18963880	3.0004375	21	4 3.7	19.8
524065 2000 EM_{205}	17.5	X	324.73774	227.30693	168.86984	1.30640	0.1868717	0.25822303	2.4423397	21	10 17.8	19.3
524066 2000 EO_{208}	16.6	X	196.43752	50.23036	339.78610	5.36113	0.1048754	0.19606709	2.9344919	21	4 19.6	21.2
524067 2000 EQ_{208}	16.7	X	348.21108	32.51379	265.67267	0.95169	0.0383934	0.19980304	2.8977972	21	7 8.4	20.4
524068 2000 FA_{67}	17.5	X	180.28678	50.55742	169.52844	1.83023	0.1497149	0.25886642	2.4382912	21	12 2.4	21.1
524069 2000 FV_{68}	16.4	X	11.88885	191.39637	11.11477	9.89767	0.0483714	0.18796282	3.0182467	21	4 6.4	20.2
524070 2000 FQ_{70}	18.1	X	200.96129	47.39811	196.62808	4.52843	0.1506683	0.26275209	2.4141927	21	—	—
524071 2000 GY_{21}	16.2	X	52.79893	322.08635	20.12729	8.57706	0.0552495	0.21125953	2.7920627	21	12 4.6	20.1
524072 2000 GS_{34}	17.3	X	31.43271	67.36590	199.65240	4.21994	0.1248167	0.28954562	2.2628619	21	8 11.9	19.5
524073 2000 GM_{64}	17.6	X	173.37995	226.41675	16.02129	2.86371	0.1419638	0.25798294	2.4438548	21	12 23.3	21.2
524074 2000 GA_{121}	16.4	X	41.95079	336.26188	22.23187	9.50804	0.0456478	0.21189345	2.7864913	21	12 10.2	20.3
524075 2000 GT_{129}	17.9	X	216.50169	19.99343	187.66919	2.22090	0.1559951	0.26107054	2.4245481	21	12 24.0	21.1
524076 2000 GB_{145}	16.5	X	7.42574	108.79703	27.53068	0.74463	0.1450678	0.17930122	3.1146832	21	1 2.9	20.2
524077 2000 GW_{149}	17.2	X	179.25846	182.16436	5.24977	11.47807	0.1783771	0.25510061	2.4622287	21	10 17.4	21.2
524078 2000 GD_{151}	17.9	X	71.59417	44.23784	188.61314	5.28730	0.1378541	0.29086721	2.2560023	21	8 28.3	20.6
524079 2000 GL_{175}	16.3	X	352.71330	88.83389	182.29846	5.07369	0.0065593	0.19455966	2.9496298	21	6 10.1	20.4
524080 2000 GP_{176}	16.0	X	264.01310	54.61112	202.70459	9.81261	0.1782803	0.17740993	3.1367803	21	1 15.1	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524081 2000 GK_{182}	16.3	X	6.05273	199.59783	2.35251	10.19534	0.0502710	0.18863929	3.0110267	21	3 28.3	20.1
524082 2000 HA_{1}	17.2	X	20.42730	21.82845	219.97158	9.18605	0.1547826	0.23752880	2.5822118	21	6 14.2	19.8
524083 2000 HC_{1}	16.2	X	161.01604	233.15016	219.98452	10.46672	0.0258452	0.19103638	2.9857859	21	5 30.5	20.5
524084 2000 HU_{91}	16.3	X	310.72423	207.05656	90.55120	11.02470	0.0262838	0.18845772	3.0129605	21	5 19.9	20.5
524085 2000 HC_{93}	16.8	X	91.05803	248.59913	329.05950	0.95290	0.0551156	0.24401181	2.5362700	21	8 18.8	20.1
524086 2000 JM_{94}	16.4	X	273.74515	205.53992	115.84851	7.96987	0.0912439	0.18573116	3.0423759	21	4 25.1	20.9
524087 2000 KE_{5}	17.0	X	21.29211	234.89209	64.14526	23.91371	0.1818504	0.28850367	2.2683069	21	10 11.4	19.8
524088 2000 KW_{35}	16.7	X	149.58312	202.99782	79.24389	8.56918	0.1970996	0.25599576	2.4564855	21	—	—
524089 2000 KV_{38}	16.4	X	276.45741	32.37236	235.74578	8.76571	0.0542848	0.17974879	3.1095108	21	2 20.0	21.1
524090 2000 KW_{71}	17.8	X	144.94039	151.00042	91.38297	7.38467	0.0356028	0.29931675	2.2133429	21	12 5.1	20.4
524091 2000 NW_{28}	16.3	X	324.24252	184.33409	118.72143	14.90747	0.1981058	0.23066948	2.6331522	21	5 22.9	19.5
524092 2000 OL_{2}	16.1	X	35.63104	329.22788	309.51561	8.57249	0.0578143	0.18873901	3.0099661	21	8 19.8	20.1
524093 2000 PF_{4}	17.8	X	234.30346	31.71223	313.14871	6.94099	0.4277007	0.22067094	2.7121015	21	3 16.7	23.3
524094 2000 QP_{25}	16.5	X	307.53247	187.18226	139.69110	15.65820	0.2515834	0.22882369	2.6472933	21	5 20.1	20.1
524095 2000 QP_{30}	17.9	X	277.16902	21.97615	316.07030	5.93148	0.4033709	0.27211661	2.3584826	21	4 1.6	22.1
524096 2000 QB_{34}	17.0	X	27.31337	29.27814	325.95842	14.98716	0.1725895	0.24210469	2.5495718	21	12 12.8	20.4
524097 2000 QR_{34}	16.6	X	12.60301	0.76210	345.79440	12.57671	0.2974105	0.23883208	2.5728094	21	11 23.9	19.5
524098 2000 QV_{38}	17.9	X	187.16977	195.17428	155.73562	5.28406	0.2544838	0.30965899	2.1637824	21	2 17.3	21.3
524099 2000 QJ_{56}	18.4	X	331.25838	176.71995	152.91323	4.98949	0.2497553	0.27965026	2.3159325	21	7 3.6	20.0
524100 2000 QA_{108}	17.5	X	353.57999	331.17884	343.05533	5.03632	0.2443081	0.23390147	2.6088398	21	8 11.9	19.3
524101 2000 QL_{147}	17.1	X	17.50243	31.64358	317.23660	23.74704	0.2034631	0.28815503	2.2701362	21	12 4.2	20.1
524102 2000 QA_{148}	17.1	X	262.03820	38.30690	335.94759	13.35781	0.3151402	0.22608092	2.6686612	21	5 12.5	21.8
524103 2000 QG_{166}	16.9	X	217.20150	48.93896	310.83665	8.12611	0.2754431	0.21903645	2.7255770	21	3 26.2	22.0
524104 2000 QO_{172}	16.4	X	283.98768	19.18740	312.07762	13.15225	0.2454987	0.22642615	2.6659479	21	4 15.1	20.8
524105 2000 QX_{179}	16.1	X	219.58608	253.30928	144.93056	10.20396	0.1370362	0.17884189	3.1200140	21	5 26.8	21.2
524106 2000 QN_{221}	16.8	X	337.56495	214.49637	131.31142	10.75506	0.1956484	0.23476579	2.6024327	21	8 23.8	19.1
524107 2000 QF_{225}	17.8	X	336.65455	247.41673	137.56800	5.99673	0.1553825	0.28532387	2.2851286	21	11 5.9	19.6
524108 2000 QQ_{243}	17.1	X	5.56182	21.06929	352.94086	3.23765	0.0593769	0.24170080	2.5524113	21	11 18.9	20.2
524109 2000 QT_{250}	17.9	X	311.67477	0.73089	337.37115	3.79259	0.2665249	0.27763518	2.3271251	21	5 31.1	20.3
524110 2000 RO_{36}	17.5	X	259.12176	211.99585	177.33456	3.69417	0.1628338	0.27489309	2.3425750	21	6 18.5	20.7
524111 2000 RE_{58}	16.2	X	248.79590	190.06384	205.51761	9.65631	0.1006774	0.17747176	3.1360517	21	6 23.4	21.0
524112 2000 RS_{77}	17.0	X	221.39561	349.64038	27.83109	11.17435	0.3599797	0.22062997	2.7124373	21	4 19.9	22.1
524113 2000 RX_{107}	17.5	X	266.72430	164.73409	296.66592	5.37872	0.1173604	0.28685444	2.2769929	21	10 16.2	20.1
524114 2000 SB_{1}	15.1	X	133.43930	145.04554	276.99601	22.18086	0.5407820	0.16148359	3.3397743	21	4 26.1	21.8
524115 2000 SY_{9}	17.8	X	243.44630	213.12727	204.12531	22.54827	0.3269630	0.27279891	2.3545484	21	6 20.8	22.3
524116 2000 SF_{21}	17.1	X	234.05497	189.00571	197.67671	16.28472	0.2430560	0.22316959	2.6918201	21	5 16.6	21.8
524117 2000 SV_{23}	16.9	X	167.40945	233.03622	189.50401	25.24491	0.3041678	0.21646435	2.7471252	21	5 11.1	22.2
524118 2000 SW_{23}	16.6	X	206.06206	123.37083	346.93950	24.28495	0.1976593	0.27460645	2.3442048	21	8 15.8	20.5
524119 2000 SD_{54}	15.8	X	2.17074	141.32945	192.26577	10.13987	0.1122281	0.18714750	3.0270066	21	9 15.0	19.4
524120 2000 SR_{94}	17.9	X	272.62316	47.63752	335.19976	7.17407	0.2904042	0.27483255	2.3429190	21	6 7.5	21.4
524121 2000 SN_{97}	17.8	X	247.66866	67.26053	295.43654	6.34827	0.3582249	0.22322446	2.6913790	21	4 16.6	22.7
524122 2000 SR_{100}	17.3	X	288.81722	61.33585	310.15429	6.75591	0.3663607	0.22786279	2.6547305	21	6 1.3	21.3
524123 2000 SB_{131}	16.9	X	351.09843	48.16606	270.74960	10.52671	0.2018130	0.23272640	2.6176141	21	8 6.7	19.3
524124 2000 SC_{131}	17.4	X	251.29870	109.96705	214.53763	13.32596	0.3440696	0.22073133	2.7116069	21	3 5.7	22.6
524125 2000 SE_{135}	17.6	X	225.78761	156.07641	232.28280	9.13664	0.3750060	0.22141179	2.7060483	21	5 4.7	22.8
524126 2000 SO_{185}	17.3	X	228.75804	306.66620	33.29951	8.55797	0.3425369	0.21830894	2.7316289	21	3 16.3	22.5
524127 2000 SD_{189}	17.1	X	258.43814	193.27259	192.10810	10.59512	0.3656448	0.22468203	2.6797267	21	5 24.9	21.9
524128 2000 SC_{195}	17.2	X	14.68638	205.90987	177.09631	15.62107	0.1656797	0.24145806	2.5541216	21	12 29.6	20.6
524129 2000 SB_{236}	17.2	X	244.69760	333.36814	5.66686	14.47833	0.2187753	0.22004343	2.7172553	21	3 28.4	21.6
524130 2000 SZ_{326}	16.8	X	33.61056	293.23986	20.98801	13.26069	0.1098265	0.23485179	2.6017974	21	10 16.8	19.9
524131 2000 SU_{341}	16.6	X	2.10826	157.91405	187.04839	11.61122	0.0492925	0.23531108	2.5984107	21	10 4.6	19.6
524132 2000 SA_{342}	17.0	X	335.70940	67.83281	3.68506	11.56368	0.1734156	0.24062596	2.5600065	21	12 30.9	19.7
524133 2000 SV_{345}	18.4	X	317.73857	129.87405	261.81306	1.84764	0.2664314	0.28171771	2.3045879	21	9 16.3	19.4
524134 2000 SV_{355}	16.6	X	332.81075	230.10781	170.84600	22.35029	0.1600447	0.23652378	2.5895214	21	11 11.4	19.6
524135 2000 SU_{360}	17.7	X	274.20322	39.34980	339.39589	6.51868	0.2352451	0.27550583	2.3391004	21	6 11.3	21.0
524136 2000 SD_{372}	18.1	X	287.62156	101.07565	276.80495	8.30391	0.2949649	0.27607949	2.3358590	21	6 18.5	20.9
524137 2000 TB_{12}	17.5	X	198.81807	10.40693	23.49303	8.86898	0.2254123	0.21799371	2.7342617	21	4 25.6	22.3
524138 2000 TX_{29}	16.8	X	249.98839	109.93344	297.70295	12.16457	0.2579818	0.22479101	2.6788605	21	6 23.6	21.2
524139 2000 TY_{30}	17.5	X	242.14898	12.05438	88.25917	4.12119	0.0726115	0.23099523	2.6306761	21	9 16.0	21.0
524140 2000 TB_{31}	16.5	X	183.00904	280.23832	168.85628	10.34595	0.0721067	0.17748669	3.1358759	21	6 21.2	21.4
524141 2000 UL_{1}	16.7	X	77.16867	58.09362	217.41942	4.65911	0.0718532	0.23458563	2.6037649	21	10 18.4	20.2
524142 2000 UY_{11}	17.8	X	96.03986	33.65906	286.54862	5.61653	0.1953443	0.24441193	2.5335012	21	—	—
524143 2000 UD_{16}	16.5	X	313.67965	212.39296	214.50971	33.02070	0.2406275	0.23514715	2.5996182	21	10 29.0	18.5
524144 2000 UC_{96}	16.6	X	226.40283	113.93879	244.02041	12.54484	0.2806758	0.21732863	2.7398372	21	3 30.2	21.7
524145 2000 VE_{3}	16.8	X	295.23394	49.47866	34.90092	31.59728	0.2863472	0.23302281	2.6153938	21	10 15.7	19.5
524146 2000 VV_{11}	16.8	X	313.56596	21.36357	56.06301	6.41398	0.2137752	0.23515621	2.5995514	21	11 16.9	18.9
524147 2000 VO_{58}	16.0	X	300.61462	282.30105	42.41259	9.95626	0.0798139	0.17508204	3.1645234	21	5 30.9	20.3
524148 2000 WE_{3}	17.8	X	324.43397	188.79315	253.63665	20.55042	0.0884861	0.38015539	1.8872465	21	—	—
524149 2000 WE_{5}	16.9	X	305.18113	23.21525	13.05562	7.53513	0.1877299	0.22944976	2.6424755	21	9 2.8	19.8
524150 2000 WJ_{10}	20.3	X	316.91194	42.48362	59.01712	16.02998	0.4580828	0.33118658	2.0689702	21	—	—
524151 2000 WV_{34}	16.7	X	297.89849	279.80300	105.43959	9.54376	0.2611630	0.22725268	2.6594798	21	7 20.3	19.8
524152 2000 WQ_{51}	16.9	X	59.65643	107.31385	236.92231	7.98577	0.1423244	0.19184821	2.9773568	21	12 24.5	21.2
524153 2000 WR_{63}	18.0	X	269.97037	9.24080	40.58156	7.41044	0.2308646	0.27536168	2.3399166	21	7 23.1	21.2
524154 2000 WW_{63}	17.0	X	359.23716	332.86803	42.74315	14.62064	0.1015595	0.23615578	2.5922109	21	11 14.1	19.8
524155 2000 WA_{64}	16.3	X	224.04287	10.18008	75.00944	10.76401	0.2003865	0.17367933	3.1815393	21	7 21.9	21.6
524156 2000 WB_{64}	17.3	X	156.34654	114.96943	77.95294	7.38243	0.0839850	0.27526166	2.3404834	21	10 12.3	20.7
524157 2000 WE_{64}	16.4	X	48.17394	326.98047	233.04479	9.33978	0.0643889	0.21658314	2.7461207	21	5 26.1	19.7
524158 2000 WV_{65}	18.2	X	219.76524	12.01683	64.23944	5.55620	0.0631877	0.26966701	2.3727438	21	7 18.3	21.3
524159 2000 WM_{105}	17.7	X	195.31684	263.23967	268.60835	18.27323	0.0748386	0.37073818	1.9190716	21	11 6.0	20.1
524160 2000 WM_{149}	17.6	X	131.48358	309.82995	231.39332	7.14643	0.0751532	0.27289924	2.3539713	21	8 20.7	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524161 2000 WK_{166}	16.1	X	290.14044	196.37664	226.51442	12.18788	0.2000222	0.18131906	3.0915319	21	8 30.8	20.4
524162 2000 WB_{185}	16.6	X	322.51759	347.20831	52.32282	12.33218	0.0599530	0.23295712	2.6158854	21	10 21.9	19.8
524163 2000 XH	18.7	X	10.93579	192.23468	218.68684	6.10998	0.0819075	0.28738099	2.2742106	21	—	—
524164 2000 YU_{3}	16.3	X	313.68625	273.61385	80.90994	11.70457	0.0637568	0.22270445	2.6955669	21	8 4.5	19.8
524165 2000 YC_{9}	16.6	X	234.54344	332.78025	128.43888	2.79108	0.0404591	0.22422351	2.6833786	21	9 9.9	20.3
524166 2000 YN_{23}	18.5	X	335.55119	124.56323	270.56683	0.57919	0.1853515	0.27833311	2.3232332	21	11 16.7	20.0
524167 2000 YR_{37}	16.4	X	140.52197	0.76347	105.49183	19.51652	0.3096812	0.16285576	3.3209880	21	6 14.6	22.4
524168 2000 YK_{140}	16.8	X	112.65574	334.46032	273.55078	5.90873	0.0822919	0.27370677	2.3493390	21	10 29.5	20.2
524169 2001 AN_{1}	17.1	X	234.00008	148.79196	314.74847	10.40472	0.1238004	0.22119715	2.7077987	21	8 29.1	21.1
524170 2001 BO_{37}	17.0	X	202.76762	158.92187	296.47981	14.32070	0.2450052	0.21775795	2.7362349	21	7 13.8	21.8
524171 2001 BR_{81}	17.8	X	246.54196	98.11826	276.57830	6.01604	0.1448158	0.26261330	2.4150432	21	5 16.4	21.3
524172 2001 DQ_{42}	16.9	X	120.56306	193.04219	329.62866	7.29702	0.1241258	0.25912037	2.4366978	21	7 22.2	20.4
524173 2001 DG_{64}	17.5	X	235.08727	353.70066	152.37192	24.30861	0.1642850	0.27325424	2.3519321	21	11 3.8	21.2
524174 2001 DJ_{72}	15.5	X	227.18434	130.25964	326.83869	18.44470	0.1162618	0.16906321	3.2391916	21	8 15.1	20.3
524175 2001 DJ_{90}	17.2	X	338.30296	251.97845	140.82450	4.03090	0.2044247	0.22332504	2.6905708	21	11 5.7	19.5
524176 2001 FW_{31}	18.1	X	62.34541	158.60030	118.85545	4.37498	0.1626243	0.30760544	2.1734019	21	10 27.9	20.8
524177 2001 FD_{84}	18.1	X	182.79546	25.32678	162.64727	3.02212	0.1346672	0.26889322	2.3772936	21	10 28.7	21.6
524178 2001 FJ_{85}	17.8	X	183.45661	104.35205	20.12820	6.66109	0.1152930	0.26020657	2.4299120	21	8 9.3	21.5
524179 2001 FQ_{185}	6.9	X	12.32423	69.35043	135.32294	3.23997	0.2280469	0.00299609	47.6540622	21	5 5.9	22.6
524180 2001 FT_{193}	16.4	X	182.72997	141.75139	5.96986	10.60296	0.1230432	0.21448910	2.7639651	21	9 5.3	20.7
524181 2001 FY_{196}	16.5	X	100.09170	326.03217	281.11274	11.49615	0.2207965	0.16833894	3.2484760	21	10 12.7	22.0
524182 2001 HF_{7}	16.5	X	159.75200	53.60184	194.61551	8.03415	0.1382900	0.21943260	2.7222956	21	12 12.1	20.9
524183 2001 HN_{24}	17.0	X	161.62093	337.65031	217.47779	11.49809	0.1039041	0.21439594	2.7647658	21	10 9.0	21.4
524184 2001 HU_{68}	17.6	X	81.57528	135.31110	142.79641	2.01896	0.1666154	0.26301121	2.4126068	21	11 12.6	21.0
524185 2001 KF_{18}	17.4	X	276.29415	91.35379	192.45966	27.47521	0.3800170	0.23582973	2.5945996	21	1 30.6	22.6
524186 2001 KA_{55}	16.1	X	297.06598	5.95402	231.43506	12.14738	0.0150266	0.18648019	3.0342236	21	2 10.5	20.6
524187 2001 OJ_{78}	18.3	X	316.13933	302.37793	36.26169	3.84235	0.2624058	0.29276690	2.2462326	21	6 9.9	20.2
524188 2001 PU_{58}	18.1	X	326.72784	348.68763	344.16843	5.06665	0.2355937	0.29279159	2.2461064	21	7 1.1	19.7
524189 2001 PH_{67}	18.0	X	285.33824	232.62775	127.94527	5.63932	0.2508011	0.28946225	2.2632964	21	5 29.5	20.9
524190 2001 QB_{52}	17.6	X	321.82823	348.81971	352.05221	3.84306	0.3253000	0.24403295	2.5361235	21	6 14.9	20.1
524191 2001 QJ_{72}	17.3	X	292.98912	339.44656	326.11601	11.15063	0.0730799	0.23615451	2.5922202	21	4 17.3	20.9
524192 2001 QW_{130}	16.9	X	247.64580	47.28818	305.12179	12.03429	0.2892508	0.23406342	2.6076363	21	4 4.4	21.8
524193 2001 QQ_{145}	15.3	X	238.73370	303.26192	345.27835	2.18697	0.1636484	0.12530010	3.9551998	21	2 7.6	21.4
524194 2001 QV_{151}	16.9	X	293.73646	105.21489	290.53375	27.79423	0.3187521	0.24163091	2.5529035	21	7 17.2	19.8
524195 2001 QU_{158}	17.3	X	233.07606	222.64791	158.69513	6.16182	0.2958398	0.23439696	2.6051620	21	5 6.2	21.9
524196 2001 QP_{181}	18.6	X	355.34213	229.89085	42.21121	4.51779	0.5303916	0.29410903	2.2393938	21	3 16.9	19.9
524197 2001 QZ_{212}	17.7	X	139.04184	150.61377	165.63458	6.56371	0.1968633	0.26484118	2.4014804	21	—	—
524198 2001 QC_{333}	18.3	X	315.50882	290.57154	27.56244	4.44976	0.2638831	0.29103509	2.2551346	21	5 6.3	20.3
524199 2001 RM_{14}	18.2	X	283.82703	45.65249	296.43355	2.48199	0.2819144	0.23769699	2.5809936	21	4 29.2	22.0
524200 2001 RF_{20}	17.3	X	244.53159	36.95102	317.48348	3.79428	0.2461789	0.23392833	2.6086401	21	4 11.7	21.8
524201 2001 RH_{33}	18.5	X	321.53789	79.72865	274.67500	3.28975	0.2960778	0.29425206	2.2386681	21	7 13.7	19.8
524202 2001 RV_{40}	17.1	X	316.20748	50.96376	253.02247	13.91302	0.1604795	0.23825797	2.5769407	21	5 9.4	20.2
524203 2001 RA_{42}	17.8	X	189.16663	73.55297	351.10519	21.37348	0.5192462	0.17891669	3.1191444	21	5 20.2	24.5
524204 2001 RD_{47}	17.3	X	230.32654	75.72212	350.49081	27.90825	0.3820093	0.23653957	2.5894062	21	6 23.1	22.7
524205 2001 RN_{57}	17.4	X	218.80665	9.70408	12.90220	6.22835	0.2955788	0.23198989	2.6231513	21	4 24.7	22.3
524206 2001 RD_{60}	17.4	X	114.06069	183.53009	128.68929	7.26364	0.2139986	0.26068417	2.4269432	21	—	—
524207 2001 RP_{82}	17.7	X	259.92308	198.35080	198.90661	7.37371	0.3959873	0.23778849	2.5803314	21	6 5.9	22.2
524208 2001 RL_{97}	18.1	X	298.77915	19.91669	343.38663	3.83984	0.1992371	0.29162486	2.2520932	21	6 30.7	20.4
524209 2001 RH_{99}	17.5	X	292.18651	176.80729	166.37151	3.87789	0.2318891	0.23983661	2.5656204	21	5 19.4	20.9
524210 2001 RH_{105}	16.4	X	215.39432	352.12341	347.24859	11.91204	0.2462420	0.17973211	3.1097031	21	3 8.8	21.7
524211 2001 RA_{115}	17.9	X	254.42095	8.35775	4.16910	4.75684	0.2869224	0.23623844	2.5916062	21	5 9.4	22.2
524212 2001 RO_{115}	16.7	X	249.65431	20.84060	0.03673	11.67902	0.2050788	0.23659466	2.5890042	21	5 20.6	21.0
524213 2001 RZ_{123}	16.7	X	208.80642	343.99943	1.67348	7.54294	0.2829974	0.17886489	3.1197466	21	3 11.8	22.3
524214 2001 RP_{124}	18.1	X	338.91585	345.22694	2.54985	5.79860	0.1939543	0.29507915	2.2344829	21	9 8.8	19.2
524215 2001 RQ_{135}	17.5	X	90.69850	217.00664	145.06374	5.96315	0.2451784	0.26166845	2.4208533	21	—	—
524216 2001 RU_{143}	6.4	X	159.32171	20.37500	209.19811	6.50598	0.1468185	0.00396052	39.5640815	21	10 27.9	22.9
524217 2001 RZ_{143}	6.8	X	6.92067	29.99223	8.17121	2.11507	0.0662042	0.00335724	44.1720736	21	11 8.7	23.0
524218 2001 SN_{13}	18.7	X	315.45896	173.63304	175.81833	4.07173	0.2132634	0.29201159	2.2501043	21	7 6.7	20.5
524219 2001 SZ_{86}	18.1	X	43.01032	179.05283	184.32355	7.59466	0.2250431	0.25635860	2.4541670	21	—	—
524220 2001 SL_{87}	17.5	X	239.74678	155.40136	184.39029	6.78736	0.2766430	0.23168778	2.6254311	21	3 21.5	22.1
524221 2001 ST_{97}	17.1	X	235.00979	2.20649	351.60891	13.00472	0.1967272	0.23150201	2.6268355	21	4 4.1	21.6
524222 2001 SJ_{114}	17.5	X	225.44629	44.48295	357.71316	13.07435	0.2783184	0.23334457	2.6129890	21	5 21.0	22.3
524223 2001 SR_{147}	17.3	X	246.37655	41.19137	339.19575	12.85623	0.1901522	0.23514615	2.5996256	21	5 17.5	21.6
524224 2001 SH_{174}	17.9	X	244.40308	221.38603	139.17772	0.99831	0.2207041	0.23303492	2.6153032	21	4 23.0	22.2
524225 2001 SW_{186}	16.3	X	101.07752	270.22743	349.28194	14.34746	0.1273442	0.20304325	2.8668855	21	10 22.8	20.9
524226 2001 SX_{187}	18.3	X	293.09856	222.21660	163.06892	6.34080	0.1180789	0.29369960	2.2414745	21	8 8.0	20.6
524227 2001 SP_{190}	18.6	X	18.26123	324.63097	345.06553	2.45150	0.1901649	0.29722501	2.2237151	21	10 7.3	20.4
524228 2001 ST_{193}	17.3	X	211.42903	178.43188	172.87852	10.96663	0.2149544	0.17929526	3.1147523	21	3 20.6	22.6
524229 2001 SH_{196}	17.4	X	203.99358	14.23930	6.07547	2.71662	0.2225555	0.18051267	3.1007322	21	4 16.3	22.6
524230 2001 SC_{204}	18.7	X	330.47269	227.09810	100.42519	1.72234	0.2373568	0.29232115	2.2485155	21	6 30.0	20.0
524231 2001 SG_{204}	17.2	X	218.35157	26.28577	5.69123	14.55235	0.1188924	0.23343280	2.6123305	21	5 8.5	21.4
524232 2001 SQ_{206}	18.3	X	287.80518	355.72280	1.40227	6.63798	0.2598083	0.28878765	2.2668197	21	5 23.1	21.4
524233 2001 SL_{210}	18.5	X	331.64485	289.85674	58.54636	0.73579	0.1240570	0.29350929	2.2424434	21	8 24.5	20.0
524234 2001 SZ_{211}	16.4	X	234.73060	224.77541	176.45087	10.83962	0.1663870	0.18599220	3.0395285	21	6 10.2	21.4
524235 2001 SU_{212}	16.1	X	162.24409	263.87619	175.83540	15.98859	0.2537615	0.17895452	3.1187048	21	5 27.7	21.8
524236 2001 ST_{216}	17.0	X	65.34063	51.29111	359.63623	3.60838	0.0646071	0.21450158	2.7638580	21	—	—
524237 2001 SE_{217}	17.4	X	276.67467	172.09302	177.87543	12.10867	0.1945974	0.23672490	2.5880545	21	5 16.5	21.2
524238 2001 SQ_{217}	16.7	X	207.66311	81.37459	12.34166	26.82880	0.4450914	0.23332243	2.6131543	21	7 14.4	22.4
524239 2001 SS_{224}	17.6	X	258.97720	248.14051	125.94007	2.50470	0.1673919	0.23599520	2.5933867	21	5 29.7	21.3
524240 2001 SP_{232}	16.5	X	189.84394	320.84980	20.30174	14.63314	0.2622110	0.17387706	3.1791268	21	2 27.6	22.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524241 2001 ST_{242}	17.6	X	232.04144	159.69404	186.49046	14.11840	0.2674757	0.22928307	2.6437561	21	3 23.9	22.3
524242 2001 SJ_{258}	16.2	X	151.58648	256.14099	183.06100	16.27094	0.2333965	0.17916469	3.1162654	21	5 18.1	21.7
524243 2001 SV_{273}	17.2	X	346.70167	257.69454	12.95187	11.65095	0.1882142	0.23612360	2.5924464	21	5 10.2	19.8
524244 2001 SX_{292}	17.6	X	263.48052	186.45599	193.50299	4.01720	0.1763941	0.23691095	2.5866994	21	6 10.2	21.3
524245 2001 SF_{300}	18.1	X	4.16604	293.95509	346.34911	3.27737	0.1578336	0.29096678	2.2554876	21	7 11.6	19.7
524246 2001 SM_{300}	16.5	X	184.28983	46.20571	354.87125	12.06517	0.2551540	0.17897282	3.1184922	21	4 22.3	22.2
524247 2001 SO_{304}	17.7	X	289.61849	290.26278	3.44959	17.23087	0.3580362	0.23401902	2.6079661	21	3 3.6	22.1
524248 2001 SH_{305}	17.2	X	166.57911	167.10906	197.90131	14.94080	0.2695675	0.17333003	3.1858122	21	3 1.8	22.9
524249 2001 SU_{306}	16.0	X	182.53330	149.30817	191.14336	26.80462	0.1565600	0.17221909	3.1994981	21	2 9.0	21.6
524250 2001 SP_{317}	17.4	X	228.58617	16.41326	19.97691	11.10143	0.1314782	0.23380360	2.6095678	21	5 26.6	21.5
524251 2001 SC_{320}	18.1	X	254.77826	323.12834	25.16362	4.27178	0.2445653	0.23300711	2.6155113	21	4 14.8	22.5
524252 2001 SQ_{320}	18.0	X	100.00459	189.83589	149.36158	2.96242	0.2154327	0.26026437	2.4295522	21	—	—
524253 2001 SG_{331}	16.1	X	290.38377	252.38228	354.57512	12.14661	0.1271228	0.17613725	3.1518720	21	2 9.5	20.8
524254 2001 SE_{332}	17.4	X	248.04261	201.70303	170.26204	14.85236	0.2014364	0.23579297	2.5948692	21	5 14.8	21.8
524255 2001 SN_{336}	18.3	X	42.51890	275.64114	177.58892	22.51899	0.0910608	0.36648196	1.9339013	21	—	—
524256 2001 SR_{336}	16.6	X	229.32260	343.77774	349.68730	7.82456	0.0994307	0.17896212	3.1186166	21	3 18.3	21.3
524257 2001 SH_{337}	16.4	X	266.90624	317.15635	353.09868	11.88003	0.1264245	0.18171568	3.0870319	21	3 25.4	21.1
524258 2001 SK_{338}	18.6	X	308.42900	180.15031	189.68467	5.56319	0.1716844	0.29215150	2.2493859	21	8 1.7	20.7
524259 2001 SV_{343}	17.4	X	247.12194	72.74877	3.72638	12.78147	0.1797650	0.24013256	2.5635119	21	8 10.3	21.3
524260 2001 SQ_{348}	17.1	X	228.42961	203.24330	216.24184	7.22116	0.1466631	0.23619334	2.5919360	21	6 26.4	21.1
524261 2001 SX_{352}	17.4	X	178.73304	105.64696	168.34222	6.19151	0.1381036	0.26581201	2.3956295	21	—	—
524262 2001 SL_{354}	16.2	X	116.31135	351.84242	179.94260	11.93781	0.0212029	0.18949007	3.0020073	21	7 12.9	20.7
524263 2001 TZ_{2}	17.5	X	251.74565	187.81772	197.95632	5.21228	0.2935278	0.23555195	2.5966390	21	5 25.2	21.9
524264 2001 TA_{5}	17.3	X	268.89725	345.92810	50.22133	6.17359	0.2819023	0.23936784	2.5689689	21	6 23.8	21.2
524265 2001 TF_{25}	18.0	X	244.25653	18.78900	3.55200	6.62380	0.3250431	0.23426683	2.6061266	21	5 10.1	22.7
524266 2001 TN_{26}	17.6	X	277.73078	135.62850	218.29833	5.50350	0.3243857	0.23676617	2.5877537	21	5 4.5	21.7
524267 2001 TE_{30}	18.6	X	278.94413	101.98159	299.91335	2.87942	0.2420378	0.28964741	2.2623317	21	7 20.2	21.2
524268 2001 TO_{48}	19.7	X	277.56975	151.85947	140.41384	6.83654	0.5412865	0.38455649	1.8728196	21	1 24.8	23.7
524269 2001 TN_{50}	17.2	X	258.93276	325.15382	54.94589	6.45654	0.2904011	0.23621987	2.5917420	21	5 23.5	21.5
524270 2001 TE_{56}	17.1	X	239.62717	357.67748	26.31613	14.94898	0.1534014	0.23374648	2.6099929	21	5 19.2	21.2
524271 2001 TA_{58}	17.2	X	280.81045	137.02111	211.82732	4.70385	0.2834379	0.23666904	2.5884617	21	5 6.1	20.9
524272 2001 TP_{81}	17.1	X	240.95949	195.56085	217.37661	9.25649	0.2873473	0.23630679	2.5911064	21	6 18.6	21.5
524273 2001 TC_{87}	17.7	X	248.88132	58.95563	330.23747	3.33139	0.2203789	0.23555722	2.5966003	21	6 1.1	21.8
524274 2001 TX_{95}	16.5	X	187.16540	108.25879	229.79617	7.50261	0.3173030	0.17318988	3.1875307	21	2 14.8	22.5
524275 2001 TR_{128}	15.7	X	75.87553	249.35294	229.55210	13.48256	0.0780825	0.17720531	3.1391946	21	3 21.2	20.1
524276 2001 TA_{129}	17.1	X	202.69771	5.01002	10.86014	10.14210	0.1740655	0.17900370	3.1181335	21	4 10.2	22.3
524277 2001 TH_{153}	17.5	X	303.40650	221.69368	93.49063	5.44782	0.2463682	0.23761600	2.5815800	21	4 25.5	21.0
524278 2001 TG_{156}	17.2	X	186.77712	256.89376	193.14006	14.35414	0.1511542	0.23403248	2.6078661	21	6 24.2	21.7
524279 2001 TQ_{173}	16.6	X	177.11695	159.26923	194.97002	15.17516	0.2572759	0.17334325	3.1856502	21	2 24.6	22.4
524280 2001 TA_{176}	17.5	X	296.20080	30.39293	300.39521	2.97717	0.2420686	0.23753848	2.5821417	21	5 4.2	21.1
524281 2001 TB_{177}	18.1	X	287.21829	100.25185	328.11677	3.05288	0.1202338	0.29501406	2.2348116	21	10 3.7	20.1
524282 2001 TB_{180}	17.6	X	301.74654	84.55613	261.58093	4.01067	0.3085451	0.23917299	2.5703640	21	5 22.7	20.9
524283 2001 TR_{186}	16.2	X	178.80919	39.01778	9.04626	9.10650	0.1048820	0.17790305	3.1309812	21	4 25.3	21.2
524284 2001 TK_{188}	17.1	X	219.80901	171.49399	232.20438	6.59100	0.1931480	0.23121332	2.6290216	21	5 26.6	21.3
524285 2001 TJ_{205}	16.4	X	181.15367	248.20769	154.91334	11.70657	0.2953509	0.17703403	3.1412190	21	4 30.6	22.2
524286 2001 TQ_{209}	18.3	X	50.19040	215.77765	208.95406	21.01957	0.0883100	0.36199231	1.9498587	21	—	—
524287 2001 TO_{231}	17.7	X	204.61256	91.83593	17.92772	6.86849	0.0377303	0.29015095	2.2597135	21	8 20.6	20.6
524288 2001 TA_{242}	17.4	X	249.44179	266.02527	90.45293	6.35731	0.3126870	0.23281941	2.6169169	21	4 18.3	22.0
524289 2001 TW_{244}	17.3	X	186.34377	42.23158	355.37595	9.19038	0.1392041	0.17969725	3.1101053	21	4 19.7	22.4
524290 2001 TQ_{254}	18.6	X	274.95726	295.35653	109.27183	4.16852	0.1207803	0.29052396	2.2577789	21	8 9.2	21.1
524291 2001 TS_{263}	14.4	X	177.80727	18.15110	70.19691	9.05425	0.0508387	0.08336239	5.1898635	21	6 15.8	21.4
524292 2001 UQ_{19}	18.0	X	228.12580	354.28255	45.84864	5.94895	0.3114685	0.23350581	2.6117860	21	5 22.3	22.7
524293 2001 UR_{25}	17.7	X	247.04252	162.22142	229.36066	13.23908	0.2950843	0.23492263	2.6012743	21	5 27.9	22.1
524294 2001 UZ_{39}	17.0	X	256.56045	341.06694	35.10489	15.49379	0.2084357	0.23478869	2.6022634	21	5 21.7	21.1
524295 2001 UL_{45}	17.1	X	293.07763	143.74831	189.11111	5.00467	0.2327867	0.23527697	2.5986619	21	5 6.8	20.5
524296 2001 UF_{71}	18.2	X	275.15070	165.12579	215.57737	5.01713	0.1263931	0.28654741	2.2786191	21	7 2.1	21.0
524297 2001 UT_{74}	17.1	X	297.73814	316.56077	44.35973	19.80789	0.3092466	0.23921055	2.5700949	21	6 2.9	20.7
524298 2001 UV_{95}	16.9	X	259.15356	312.86713	53.87785	6.42818	0.1586525	0.23407685	2.6075365	21	5 20.6	20.7
524299 2001 UC_{110}	16.5	X	177.86616	185.11356	205.74096	10.46864	0.2278386	0.17625174	3.1505069	21	4 9.1	21.9
524300 2001 UW_{128}	17.8	X	248.35508	303.99523	50.89145	2.27801	0.3168838	0.23347508	2.6120152	21	4 13.1	22.4
524301 2001 US_{135}	18.7	X	336.80995	346.09248	56.96712	5.81893	0.2210752	0.29721773	2.2237514	21	12 13.8	19.9
524302 2001 UW_{136}	17.2	X	237.26957	318.75154	27.93386	14.32292	0.2738870	0.23067658	2.6330981	21	3 31.4	21.8
524303 2001 UG_{138}	16.5	X	164.54888	40.59699	34.18679	21.92306	0.2306538	0.17701491	3.1414452	21	5 16.1	22.0
524304 2001 UG_{163}	18.6	X	270.59556	174.40574	218.05651	5.69599	0.1940061	0.28655078	2.2786012	21	7 1.9	21.6
524305 2001 UG_{184}	16.3	X	310.17277	125.23810	208.01313	9.51842	0.1100818	0.18637081	3.0354107	21	6 21.1	20.4
524306 2001 UV_{188}	17.4	X	251.46828	45.24221	48.02839	16.24883	0.1432153	0.24020822	2.5629736	21	9 16.5	21.2
524307 2001 UH_{220}	16.0	X	120.72773	235.71793	221.31088	12.73564	0.1522212	0.17313863	3.1881597	21	5 2.5	20.8
524308 2001 UK_{229}	17.3	X	318.03151	260.47516	48.80841	9.93837	0.2105747	0.23760270	2.5816763	21	5 12.7	20.2
524309 2001 VF_{4}	17.0	X	246.34750	317.54066	67.42287	35.28593	0.3193625	0.23461556	2.6035435	21	5 21.1	21.6
524310 2001 VN_{8}	17.3	X	240.07213	301.13390	57.25981	18.55662	0.3232246	0.23006036	2.6377979	21	4 17.4	22.2
524311 2001 VZ_{21}	16.4	X	304.01329	290.13876	51.40067	28.60789	0.3168590	0.23758429	2.5818097	21	5 16.7	19.5
524312 2001 VV_{39}	16.1	X	198.08234	167.10384	244.22017	28.41650	0.2216722	0.17714428	3.1399155	21	5 18.8	21.5
524313 2001 VT_{51}	15.8	X	163.44888	194.28095	243.66487	14.51017	0.2566352	0.17643452	3.1483307	21	5 24.5	21.3
524314 2001 VL_{57}	17.5	X	302.95208	96.54022	331.99176	4.10741	0.1634807	0.24504844	2.5291121	21	10 17.4	20.0
524315 2001 VF_{61}	16.4	X	175.54545	155.81075	253.50893	13.99851	0.2786083	0.17510689	3.1642241	21	4 28.2	22.1
524316 2001 VG_{73}	16.3	X	240.97536	187.74884	221.39256	9.26066	0.0255897	0.18477725	3.0528377	21	7 9.3	20.8
524317 2001 VP_{74}	18.3	X	9.61658	32.93653	50.93805	6.38510	0.0241927	0.30673765	2.1774991	21	—	—
524318 2001 VC_{83}	17.2	X	218.17437	165.72549	244.12453	4.89104	0.2113323	0.23215494	2.6219079	21	5 31.8	21.6
524319 2001 VA_{86}	17.3	X	225.36948	53.65232	285.35666	5.47996	0.3233970	0.22696617	2.6617175	21	3 7.4	22.3
524320 2001 VS_{102}	17.5	X	267.71331	90.93048	267.28520	3.19457	0.2810292	0.23390062	2.6088461	21	5 4.4	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524321 2001 VB_{103}	18.2	X	250.48083	45.66270	333.50064	2.36009	0.2647149	0.23318792	2.6141591	21	5 16.9	22.4
524322 2001 VD_{107}	17.7	X	337.06422	115.45088	258.71780	5.46565	0.1234823	0.29343481	2.2428228	21	10 14.9	19.6
524323 2001 WP	15.9	X	28.39342	335.58990	240.04440	12.58618	0.1122286	0.17542166	3.1604377	21	5 22.9	19.8
524324 2001 WY_{4}	18.4	X	81.99697	278.09064	59.17420	22.28498	0.1012341	0.35396141	1.9792414	21	—	—
524325 2001 WD_{9}	17.3	X	27.35636	233.76636	156.27571	3.57715	0.1782991	0.25197250	2.4825649	21	—	—
524326 2001 WD_{31}	16.7	X	196.98817	327.23015	66.50721	16.14318	0.2203432	0.17656786	3.1467455	21	5 1.4	22.2
524327 2001 WP_{36}	17.2	X	229.33898	321.30603	63.17346	7.53706	0.3030600	0.23132693	2.6281607	21	5 6.2	21.8
524328 2001 WC_{37}	16.4	X	166.87358	15.18171	56.72908	29.32948	0.2131593	0.17570574	3.1570303	21	5 18.4	21.7
524329 2001 WF_{45}	16.3	X	75.89608	224.18919	70.82445	15.86714	0.1094257	0.24598915	2.5226602	21	11 19.9	19.9
524330 2001 WE_{52}	16.6	X	214.11878	91.81827	255.39903	1.56402	0.3009916	0.17749671	3.1357578	21	3 15.3	22.4
524331 2001 WF_{62}	17.0	X	157.01827	82.97629	54.48997	14.58162	0.1236459	0.23206791	2.6225633	21	7 30.2	21.3
524332 2001 WF_{71}	16.0	X	298.41406	271.51181	53.87901	11.13123	0.0559547	0.18144498	3.0901015	21	6 1.4	20.3
524333 2001 WV_{73}	16.7	X	133.43003	142.83696	64.66178	7.37507	0.0637769	0.24191080	2.5509340	21	10 1.4	20.4
524334 2001 WN_{80}	17.1	X	217.26087	179.82476	234.62962	15.02875	0.1721020	0.23066591	2.6331794	21	6 7.6	21.4
524335 2001 WQ_{81}	17.1	X	209.15773	197.91784	236.87193	9.33845	0.1429033	0.23124155	2.6288076	21	6 26.7	21.2
524336 2001 WB_{98}	17.7	X	109.69283	333.10325	21.21328	1.73838	0.1862630	0.26030577	2.4292946	21	—	—
524337 2001 WR_{99}	16.3	X	174.08858	11.64614	60.11441	29.28067	0.2527583	0.17538610	3.1608649	21	5 24.0	21.9
524338 2001 WM_{104}	15.8	X	191.52974	231.56887	213.41500	14.41175	0.0397637	0.18258215	3.0772575	21	6 24.4	20.6
524339 2001 XN_{1}	16.9	X	238.70205	78.97840	345.70085	27.48115	0.3881349	0.23262578	2.6183689	21	6 28.9	22.2
524340 2001 XZ_{1}	16.4	X	239.37987	104.98259	282.33062	27.95007	0.3496754	0.23345728	2.6121479	21	5 9.8	21.6
524341 2001 XH_{2}	15.7	X	186.43159	22.96507	18.89620	28.15106	0.2709621	0.17547694	3.1597740	21	4 22.9	21.5
524342 2001 XN_{4}	16.2	X	242.40781	129.80450	256.09146	30.98237	0.3148335	0.23216287	2.6218482	21	5 15.9	21.1
524343 2001 XC_{6}	17.5	X	219.85892	145.91798	252.47677	11.48562	0.2924109	0.22934300	2.6432955	21	5 15.0	22.4
524344 2001 XQ_{8}	16.3	X	244.89273	318.16779	55.51415	18.41538	0.2371825	0.18011541	3.1052898	21	5 11.6	21.4
524345 2001 XR_{32}	18.0	X	275.23419	260.73958	198.67059	3.49666	0.1277419	0.24452714	2.5327053	21	10 21.4	21.0
524346 2001 XO_{38}	16.3	X	155.19496	147.58615	283.92904	21.00937	0.0753968	0.22253306	2.6969508	21	4 18.6	20.7
524347 2001 XZ_{41}	15.7	X	181.19696	135.31979	290.56752	27.70585	0.2639756	0.17471549	3.1689480	21	5 22.1	21.7
524348 2001 XF_{73}	17.6	X	219.68493	302.23611	125.23552	7.29772	0.2773178	0.23182383	2.6244038	21	6 20.9	22.2
524349 2001 XS_{75}	16.0	X	180.71871	316.97383	61.25303	22.00971	0.2445548	0.17364383	3.1819729	21	4 8.5	21.8
524350 2001 XS_{83}	18.0	X	247.84741	314.38981	97.29217	7.78166	0.3465489	0.23432538	2.6056925	21	6 18.3	22.4
524351 2001 XD_{91}	15.9	X	307.40725	105.42188	250.43150	15.95826	0.1292760	0.18647707	3.0342574	21	7 11.5	20.0
524352 2001 XN_{113}	17.1	X	167.65192	48.40404	84.67860	29.28335	0.2561452	0.22943568	2.6425837	21	8 4.5	22.2
524353 2001 XJ_{120}	15.8	X	160.57111	41.59196	47.96312	29.10674	0.3029818	0.17726064	3.1385412	21	5 31.7	21.7
524354 2001 XE_{129}	17.5	X	209.47132	206.48355	231.74752	5.26546	0.2771019	0.23113979	2.6295791	21	6 25.9	22.1
524355 2001 XZ_{130}	17.5	X	299.56037	273.57690	99.46151	6.21826	0.1471294	0.28733132	2.2744727	21	7 27.6	19.6
524356 2001 XB_{137}	15.6	X	200.99052	126.67993	255.95661	26.06497	0.2156225	0.17435720	3.1732878	21	4 11.7	21.4
524357 2001 XL_{138}	17.0	X	70.46355	217.86054	141.02278	3.53615	0.1911537	0.25359510	2.4719640	21	—	—
524358 2001 XX_{138}	16.7	X	236.23680	341.04934	89.85708	9.28182	0.2552163	0.18305928	3.0719081	21	7 10.0	21.8
524359 2001 XL_{160}	16.6	X	137.68192	251.02234	248.45509	12.72463	0.1068037	0.22772136	2.6558296	21	7 5.4	20.6
524360 2001 XT_{162}	17.5	X	330.97469	94.23494	257.49963	5.70596	0.1406518	0.28762232	2.2729383	21	8 22.8	19.6
524361 2001 XJ_{170}	17.4	X	83.24912	243.84955	131.17042	2.36238	0.1983406	0.25689750	2.4507338	21	—	—
524362 2001 XE_{174}	16.7	X	358.52380	198.35022	180.71338	3.22945	0.2381071	0.24461582	2.5320932	21	12 9.6	19.0
524363 2001 XX_{201}	17.1	X	280.07310	311.69037	101.26384	13.77470	0.2306419	0.23598013	2.5934970	21	8 8.9	20.5
524364 2001 XY_{221}	17.9	X	304.19828	317.37213	55.62354	8.25543	0.1674144	0.28880696	2.2667186	21	8 4.5	20.1
524365 2001 XQ_{254}	7.9	X	11.11172	10.08492	107.26360	7.11788	0.4338583	0.00242791	54.8252855	21	2 17.0	23.0
524366 2001 XR_{254}	5.9	X	223.25795	84.19466	179.88690	1.23304	0.0361924	0.00353033	42.7161634	21	1 23.9	22.3
524367 2001 XU_{255}	16.2	X	240.49793	1.70933	94.78257	12.12113	0.0994261	0.18619189	3.0373549	21	9 4.7	20.8
524368 2001 XT_{265}	17.2	X	153.43492	213.45960	279.10201	12.35852	0.1948828	0.22595355	2.6696640	21	7 17.8	21.6
524369 2001 YB_{4}	17.2	X	201.72153	79.50098	84.79596	28.63002	0.3875894	0.23456841	2.6038924	21	10 14.2	22.7
524370 2001 YJ_{12}	16.7	X	195.73057	205.85019	317.68255	7.52437	0.1265739	0.23921220	2.5700831	21	10 3.5	20.7
524371 2001 YM_{12}	17.8	X	330.66798	309.19071	62.65471	22.30910	0.1513077	0.29094971	2.2555758	21	10 15.1	20.2
524372 2001 YP_{16}	16.9	X	0.15506	319.93526	87.17012	10.64937	0.1379574	0.24778608	2.5104493	21	—	—
524373 2001 YM_{18}	16.2	X	184.08231	134.13193	285.58731	28.23237	0.2704536	0.17409219	3.1765073	21	5 16.1	22.2
524374 2001 YG_{19}	17.3	X	189.89596	342.68147	94.93301	15.01566	0.2239424	0.22679003	2.6630955	21	6 12.5	21.9
524375 2001 YS_{19}	17.2	X	263.69314	217.83674	240.20367	12.48891	0.2083896	0.24235224	2.5478353	21	9 13.3	20.8
524376 2001 YL_{35}	15.5	X	57.53766	289.27601	268.36400	17.49717	0.0554076	0.17504784	3.1649356	21	6 6.4	19.7
524377 2001 YN_{36}	17.5	X	341.57175	136.07471	288.48509	4.59600	0.1107382	0.29812093	2.2192577	21	—	—
524378 2001 YX_{39}	16.1	X	229.75573	144.72762	272.94396	8.83995	0.1473351	0.18075255	3.0979882	21	6 26.4	20.8
524379 2001 YM_{55}	18.4	X	260.08072	4.44974	56.32011	0.86080	0.1808919	0.28641542	2.2793191	21	8 1.0	21.3
524380 2001 YS_{56}	15.6	X	44.13395	145.85522	80.39307	18.04553	0.0942257	0.17657363	3.1466769	21	6 28.5	19.7
524381 2001 YU_{76}	16.4	X	143.78080	215.75061	284.34492	13.84556	0.0642188	0.22717887	2.6600559	21	7 11.3	20.2
524382 2001 YO_{82}	17.1	X	207.64751	155.63840	295.33077	12.56409	0.2149290	0.22978884	2.6398754	21	7 13.5	21.6
524383 2001 YS_{92}	15.6	X	145.00665	328.00757	255.75657	15.80034	0.2585348	0.19108026	2.9853288	21	10 26.5	21.1
524384 2001 YR_{100}	17.5	X	179.55278	222.89496	259.44455	6.13920	0.1426695	0.28052470	2.3111173	21	7 28.9	21.0
524385 2001 YJ_{106}	17.1	X	233.58209	6.62056	113.46647	14.70916	0.1945631	0.23590446	2.5940517	21	9 20.3	21.2
524386 2001 YB_{124}	16.8	X	158.32749	180.43498	285.56494	12.99631	0.2127009	0.22613832	2.6682096	21	6 21.2	21.3
524387 2001 YN_{129}	15.5	X	275.25252	109.54759	275.62255	21.01748	0.0911812	0.18341003	3.0679903	21	7 11.8	19.9
524388 2001 YN_{138}	16.2	X	132.33602	26.20888	114.52983	29.15509	0.1774191	0.17222520	3.1994224	21	7 9.4	21.3
524389 2001 YJ_{142}	17.7	X	283.08332	30.51923	74.00127	15.93227	0.1370217	0.24453177	2.5326734	21	11 12.3	20.6
524390 2001 YK_{146}	16.7	X	209.66129	308.56448	69.27071	23.76366	0.3402463	0.17726211	3.1385239	21	4 25.4	22.8
524391 2002 AD_{2}	20.7	X	182.24797	343.16849	116.45263	32.39954	0.2466726	0.58061079	1.4230254	21	7 4.4	22.3
524392 2002 AU_{5}	17.6	X	306.46224	21.59127	354.75080	9.18048	0.7542258	0.34338447	2.0196787	21	4 30.9	21.4
524393 2002 AM_{6}	16.7	X	240.55275	28.66654	78.45240	29.30290	0.1090279	0.23637479	2.5906094	21	10 5.6	21.1
524394 2002 AY_{14}	17.5	X	46.75539	39.94603	24.18618	20.70179	0.0988198	0.35848662	1.9625501	21	—	—
524395 2002 AW_{17}	16.4	X	237.42515	240.91819	145.22292	22.87725	0.3751006	0.28007088	2.3136132	21	5 14.2	21.2
524396 2002 AL_{21}	16.9	X	227.57004	139.91451	293.17552	31.83758	0.2647787	0.23050679	2.6343910	21	7 7.3	21.4
524397 2002 AA_{33}	16.1	X	176.54176	71.05100	116.98692	11.81106	0.1653666	0.18573599	3.0423231	21	10 17.7	21.3
524398 2002 AG_{33}	16.0	X	70.91313	124.04449	116.31664	15.69453	0.0522552	0.17866187	3.1221095	21	8 20.5	20.4
524399 2002 AN_{44}	15.8	X	84.85079	262.74289	289.45012	28.58070	0.1811115	0.17187739	3.2037371	21	7 20.7	20.5
524400 2002 AY_{44}	16.9	X	172.06231	1.48850	119.25455	11.92630	0.2534405	0.17566070	3.1575700	21	7 20.3	22.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524401 2002 AQ_{48}	16.4	X	194.80707	196.65887	292.20951	10.78258	0.2140442	0.17846433	3.1244129	21	8 14.0	21.7
524402 2002 AP_{56}	17.3	X	234.22548	135.55510	267.46579	5.67512	0.0758445	0.27772314	2.3266336	21	6 17.4	20.2
524403 2002 AD_{74}	16.1	X	69.96850	341.34123	293.96088	12.72414	0.0328076	0.23572150	2.5953937	21	9 25.9	19.8
524404 2002 AH_{74}	17.6	X	202.69057	342.75272	96.89991	5.83110	0.2185363	0.22837881	2.6507301	21	6 24.7	22.2
524405 2002 AM_{126}	16.6	X	287.14902	273.49435	150.66117	4.56585	0.0435875	0.23629169	2.5912168	21	10 2.9	19.9
524406 2002 AK_{127}	16.6	X	207.70333	318.09384	118.79240	22.88348	0.0429779	0.22630538	2.6668963	21	7 5.1	20.4
524407 2002 AZ_{167}	15.5	X	283.58710	79.82648	285.97490	17.83742	0.1029222	0.17796022	3.1303105	21	6 28.9	19.8
524408 2002 AU_{171}	16.7	X	228.63993	142.16174	309.10187	14.23455	0.0888817	0.23121555	2.6290047	21	8 12.2	20.5
524409 2002 AQ_{182}	15.6	X	163.63096	0.31253	107.40064	29.05892	0.1454032	0.17467886	3.1693910	21	6 27.4	20.8
524410 2002 AY_{183}	17.3	X	176.87101	327.55340	118.64464	8.79392	0.2139820	0.22519916	2.6756227	21	6 12.5	21.9
524411 2002 AW_{189}	18.1	X	51.72208	290.63284	102.89968	4.67614	0.1455537	0.30236285	2.1984525	21	—	—
524412 2002 AF_{190}	17.2	X	266.69611	358.20184	106.04239	18.64290	0.1189567	0.23948123	2.5681579	21	10 25.8	20.9
524413 2002 AO_{191}	16.5	X	255.00122	251.11316	117.28391	10.77526	0.0989986	0.17495344	3.1660740	21	5 30.4	21.3
524414 2002 AH_{193}	16.3	X	322.72334	299.92052	117.79386	17.05307	0.1800986	0.19099065	2.9862625	21	11 6.4	19.9
524415 2002 AT_{195}	15.5	X	35.76597	320.69679	309.81215	16.30437	0.1645622	0.17664909	3.1457807	21	8 19.9	19.4
524416 2002 AG_{196}	18.0	X	282.57803	331.02312	118.60942	5.96607	0.1597934	0.29007096	2.2601289	21	10 25.8	20.1
524417 2002 AN_{198}	16.4	X	216.56138	58.83088	292.50836	11.58343	0.0705454	0.21664804	2.7455722	21	3 18.2	20.7
524418 2002 AD_{200}	16.8	X	193.69343	309.68526	109.43746	15.44759	0.2912042	0.17522681	3.1627802	21	5 27.5	22.6
524419 2002 AD_{201}	17.1	X	247.32365	242.10150	142.10507	2.88491	0.1839972	0.22795892	2.6539842	21	5 29.1	21.1
524420 2002 BW_{30}	18.2	X	202.75643	84.19317	68.15219	8.91544	0.2732323	0.28420286	2.2911336	21	9 28.1	22.1
524421 2002 CN_{12}	17.0	X	242.48680	99.54302	12.96659	29.77906	0.4251592	0.23480869	2.6021157	21	9 5.6	21.9
524422 2002 CJ_{25}	16.9	X	178.46856	62.75685	141.17329	14.18682	0.1100870	0.23522116	2.5990729	21	11 14.2	21.1
524423 2002 CR_{89}	17.1	X	152.94439	165.71846	335.84339	11.58162	0.2042448	0.22417630	2.6837553	21	8 1.8	21.7
524424 2002 CF_{90}	16.3	X	233.89850	313.40737	143.24874	17.39454	0.2562360	0.17942938	3.1131999	21	8 7.4	21.4
524425 2002 CP_{118}	15.5	X	1.15458	207.05548	125.11929	12.22162	0.1092897	0.18212952	3.0823538	21	9 16.3	19.4
524426 2002 CH_{135}	16.1	X	247.61401	298.40697	145.66009	23.69994	0.1859329	0.18083295	3.0970699	21	8 12.1	20.9
524427 2002 CV_{148}	17.1	X	266.88170	240.29593	176.08663	3.79697	0.1575650	0.23083037	2.6319285	21	8 3.9	20.8
524428 2002 CV_{150}	17.4	X	195.37964	139.52190	66.00144	6.71308	0.1129605	0.28919454	2.2646929	21	12 7.4	20.4
524429 2002 CM_{158}	16.8	X	290.82267	103.94433	323.88135	12.18163	0.1614895	0.23589518	2.5941196	21	9 19.8	20.0
524430 2002 CD_{163}	17.0	X	256.80538	93.86106	347.19318	11.82338	0.1650903	0.23323152	2.6138333	21	8 26.4	20.5
524431 2002 CB_{184}	16.8	X	112.31097	120.42327	136.50932	15.15477	0.1069942	0.23430172	2.6058679	21	11 13.4	21.0
524432 2002 CN_{188}	18.0	X	273.19663	90.71867	20.18628	2.00427	0.1305086	0.28944503	2.2633861	21	11 11.0	20.3
524433 2002 CB_{195}	18.1	X	208.75209	169.53844	335.16800	4.37538	0.1877289	0.23309044	2.6148879	21	9 20.4	22.3
524434 2002 CU_{205}	15.8	X	220.71087	258.16223	150.10517	26.40391	0.2465111	0.17334040	3.1856852	21	6 5.9	21.7
524435 2002 CY_{248}	5.4	X	234.21610	339.41686	300.78920	7.06492	0.1503079	0.00316496	45.9434974	21	2 9.4	22.4
524436 2002 CL_{255}	17.6	X	109.37908	118.43371	120.87127	2.29049	0.0701461	0.23137702	2.6277814	21	10 11.4	21.4
524437 2002 CN_{265}	17.3	X	20.45046	244.85084	137.39949	17.26430	0.1551530	0.24230709	2.5481518	21	—	—
524438 2002 CU_{265}	16.7	X	205.77266	206.64080	315.28309	12.68371	0.0351107	0.23634931	2.5907956	21	10 17.6	20.6
524439 2002 CN_{275}	15.9	X	357.38564	229.65269	135.97632	13.49409	0.1229170	0.18577412	3.0419068	21	10 27.3	19.8
524440 2002 CS_{278}	18.2	X	253.39037	347.28103	145.06199	6.56872	0.0879990	0.28896046	2.2659158	21	11 19.9	20.9
524441 2002 CW_{279}	17.5	X	245.76937	148.96453	319.29171	11.29950	0.1517251	0.23429406	2.6059247	21	9 13.6	21.2
524442 2002 CY_{285}	17.0	X	272.91848	277.98946	142.76087	7.79787	0.1841355	0.23342314	2.6124026	21	8 14.9	20.2
524443 2002 DA_{4}	17.4	X	237.13683	76.45563	27.23131	26.86626	0.4338360	0.23334804	2.6129631	21	8 21.1	22.7
524444 2002 DC_{14}	17.5	X	210.02389	182.43113	332.96495	14.63329	0.2018683	0.23379455	2.6096351	21	9 28.9	21.9
524445 2002 EG_{10}	15.8	X	116.34024	57.65583	171.24479	28.31223	0.2958684	0.17537631	3.1609826	21	10 18.5	21.5
524446 2002 EC_{13}	16.3	X	167.65239	40.97303	152.61941	18.39719	0.2731882	0.18139498	3.0906694	21	10 14.4	22.0
524447 2002 EX_{14}	17.4	X	307.56945	255.80528	160.77569	12.83417	0.1731417	0.23595478	2.5936828	21	10 11.2	20.1
524448 2002 EP_{18}	18.3	X	138.33500	81.29064	182.77301	1.93956	0.1283873	0.28675549	2.2775166	21	12 21.4	21.8
524449 2002 EZ_{38}	17.2	X	296.77668	71.37335	342.81216	9.91978	0.1587978	0.23405607	2.6076909	21	9 14.7	20.0
524450 2002 EH_{50}	17.9	X	254.61976	145.48676	349.16415	4.91291	0.1261321	0.28761611	2.2729711	21	11 14.5	20.4
524451 2002 EW_{79}	16.4	X	110.71225	217.61642	17.63931	4.03424	0.1921616	0.17579223	3.1559948	21	10 11.6	21.5
524452 2002 EV_{81}	17.4	X	187.96658	287.62461	289.36650	3.47111	0.2749750	0.23436052	2.6054320	21	11 23.8	21.9
524453 2002 ET_{116}	18.0	X	298.38122	37.23240	45.65261	2.67997	0.1268812	0.23622490	2.5917052	21	11 3.5	20.6
524454 2002 EB_{119}	17.0	X	185.71840	14.67235	180.81885	11.85941	0.1276324	0.23329120	2.6133875	21	11 7.4	21.1
524455 2002 EY_{130}	17.6	X	238.63518	119.09737	354.37476	11.53560	0.2164012	0.23265419	2.6181556	21	9 9.6	21.6
524456 2002 EP_{132}	17.7	X	284.81348	309.38914	173.65457	23.79279	0.1826092	0.29019516	2.2594840	21	12 16.8	20.4
524457 2002 FW_{6}	7.5	X	239.06627	188.66078	153.79109	3.53996	0.1244019	0.00450331	36.3173933	21	4 21.2	23.4
524458 2002 FT_{18}	18.0	X	245.79807	354.66610	154.71186	1.66008	0.1406661	0.23788720	2.5796176	21	11 13.2	21.2
524459 2002 GA	20.3	X	292.21776	112.76896	47.44126	12.65735	0.5179644	0.34776501	2.0026826	21	—	—
524460 2002 GF_{32}	6.5	X	134.85035	52.83325	44.36911	2.78847	0.1715811	0.00399455	39.3390743	21	5 25.0	23.0
524461 2002 GR_{46}	17.8	X	110.17379	32.08680	186.09367	4.99357	0.1879919	0.27400231	2.3476494	21	9 28.2	21.3
524462 2002 GC_{82}	18.1	X	177.65749	58.13974	149.97655	4.12910	0.1800810	0.28234152	2.3011922	21	11 17.3	21.7
524463 2002 GR_{89}	17.2	X	129.32226	184.73263	13.76642	5.22910	0.1265785	0.22264252	2.6960667	21	9 14.9	21.2
524464 2002 GK_{97}	16.3	X	254.78070	73.24808	10.81238	21.93781	0.0593212	0.22608996	2.6685901	21	9 16.6	20.0
524465 2002 GR_{124}	16.4	X	186.44917	47.58457	194.99316	15.03920	0.1103626	0.23789758	2.5795426	21	—	—
524466 2002 GL_{173}	16.5	X	171.34705	139.50373	105.08666	7.51724	0.0938095	0.23406948	2.6075913	21	12 22.9	20.2
524467 2002 GJ_{181}	17.4	X	141.75660	230.24082	43.37921	5.92966	0.2231067	0.23106086	2.6301779	21	12 26.9	22.0
524468 2002 GQ_{185}	16.3	X	81.90093	241.96052	43.07240	5.75677	0.1238525	0.17486218	3.1671755	21	11 4.1	20.8
524469 2002 GA_{192}	16.1	X	118.88125	51.05983	211.22318	13.86419	0.2536968	0.17520031	3.1630992	21	11 22.5	21.6
524470 2002 HQ_{13}	15.8	X	149.87190	69.16283	154.72293	26.58580	0.3227459	0.17586203	3.1551595	21	11 7.3	22.0
524471 2002 JW_{15}	20.4	X	25.20241	175.25825	218.40274	11.76887	0.2661364	1.15656852	0.8988526	21	—	—
524472 2002 JE_{96}	18.0	X	156.46934	310.02348	291.60890	1.29072	0.1769400	0.28094098	2.3088337	21	12 8.3	21.6
524473 2002 JW_{100}	18.1	X	202.94245	154.44981	63.81488	4.53130	0.2626217	0.28666672	2.2779868	21	12 15.4	21.5
524474 2002 KJ_{3}	19.2	X	187.62362	253.06863	47.49513	6.40229	0.4879909	0.28800524	2.2709233	21	1 3.0	23.8
524475 2002 KJ_{4}	19.4	X	221.09651	155.19650	75.64945	27.86463	0.5593616	0.28901919	2.2656088	21	12 16.1	23.4
524476 2002 KZ_{11}	17.6	X	121.89499	57.76981	218.97892	5.93945	0.1510696	0.27962307	2.3160826	21	12 20.4	21.3
524477 2002 LV_{6}	18.1	X	342.67395	40.07493	241.68391	9.09767	0.3738909	0.30881835	2.1677073	21	3 31.9	19.9
524478 2002 LF_{61}	17.6	X	167.41939	85.72157	146.62662	5.65626	0.1722096	0.22931191	2.6435344	21	12 1.1	22.0
524479 2002 NV_{71}	17.7	X	285.04318	267.07528	85.96497	2.37853	0.2012455	0.25445737	2.4663764	21	5 26.7	20.7
524480 2002 OH_{33}	18.1	X	338.26042	310.08972	32.32516	1.23918	0.2120460	0.26040547	2.4286745	21	8 21.1	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524481 2002 PZ_{10}	16.6	X	169.89293	88.38354	303.47764	16.43078	0.4719438	0.18684178	3.0303076	21	4 2.9	23.0
524482 2002 PT_{76}	17.4	X	113.64075	293.78797	3.60288	4.99029	0.2917651	0.22412652	2.6841527	21	—	—
524483 2002 PT_{80}	18.1	X	282.53907	250.72352	96.19871	2.68417	0.2412785	0.25201633	2.4822771	21	5 10.3	21.5
524484 2002 PP_{114}	18.2	X	137.19267	141.19616	146.43132	2.03755	0.1737298	0.27743805	2.3282272	21	—	—
524485 2002 PL_{178}	17.8	X	339.13569	341.77465	355.21064	4.57496	0.2602676	0.25933241	2.4353695	21	8 10.9	19.1
524486 2002 PP_{202}	16.4	X	5.43137	203.79446	152.43166	6.55537	0.0748668	0.21301611	2.7766922	21	10 25.6	19.8
524487 2002 QH_{5}	18.3	X	110.56741	147.33241	181.69191	5.46722	0.2423389	0.27690489	2.3312148	21	—	—
524488 2002 QR_{81}	17.8	X	126.49283	178.78787	134.32031	8.97613	0.1566795	0.27704171	2.3304472	21	—	—
524489 2002 QU_{97}	16.4	X	119.88398	34.76565	341.42524	1.30181	0.3436267	0.12524795	3.9562976	21	2 21.2	22.7
524490 2002 QA_{112}	16.2	X	122.66808	185.22395	178.98852	8.98254	0.3262538	0.12457399	3.9705543	21	2 7.1	22.6
524491 2002 QJ_{131}	15.9	X	131.01168	286.52589	71.23608	4.07954	0.2277048	0.12610859	3.9382771	21	1 31.7	22.0
524492 2002 QQ_{150}	17.4	X	179.98826	213.19243	346.28552	2.21530	0.1318762	0.27002203	2.3706635	21	11 7.9	20.9
524493 2002 RM	15.6	X	132.17740	206.46217	162.69517	3.38194	0.2802569	0.12515514	3.9582534	21	2 17.2	21.9
524494 2002 RX_{30}	17.7	X	169.70770	67.54667	324.64156	8.56753	0.4272234	0.18564212	3.0433486	21	4 6.8	23.7
524495 2002 RV_{48}	17.0	X	110.54298	173.30983	155.11734	5.61998	0.3006386	0.22377851	2.6869348	21	—	—
524496 2002 RG_{53}	17.3	X	194.82227	260.86973	132.56870	2.90018	0.3930503	0.18965421	3.0002750	21	4 25.4	23.2
524497 2002 RO_{77}	17.0	X	173.74295	33.94785	337.79525	8.56502	0.3218177	0.18513703	3.0488814	21	3 16.3	22.7
524498 2002 RT_{112}	18.1	X	159.04886	334.66760	310.21303	4.13294	0.5110257	0.22964854	2.6409505	21	—	—
524499 2002 RH_{160}	15.7	X	119.72846	83.15582	301.46187	1.40959	0.2890748	0.12441637	3.9739070	21	2 25.0	21.8
524500 2002 RD_{179}	17.3	X	333.04599	117.44839	226.37950	1.26276	0.0779282	0.20342055	2.8633394	21	8 14.4	20.6
524501 2002 RH_{181}	17.7	X	44.89831	19.60710	347.48643	13.08642	0.2273923	0.26963687	2.3729206	21	—	—
524502 2002 RE_{254}	15.8	X	122.63253	37.62428	338.31135	7.92834	0.1644790	0.12509401	3.9595428	21	2 7.2	21.6
524503 2002 RJ_{274}	17.2	X	217.53564	305.19205	50.74647	2.08998	0.1574516	0.19114894	2.9846137	21	3 31.6	22.0
524504 2002 SD_{28}	18.1	X	314.75733	340.20558	14.88391	5.35727	0.2031784	0.30730754	2.1748062	21	7 19.8	19.7
524505 2002 SY_{58}	16.4	X	178.69970	24.15440	5.33408	16.90946	0.2084774	0.18649471	3.0340661	21	4 5.1	21.7
524506 2002 SU_{73}	16.4	X	231.05747	300.42544	0.73459	15.15778	0.2650868	0.18702853	3.0282901	21	2 9.0	21.9
524507 2002 TU_{87}	17.6	X	297.03160	209.93502	170.56965	2.58265	0.2038459	0.25417658	2.4681925	21	7 21.9	20.4
524508 2002 TR_{96}	16.1	X	73.97007	314.67377	9.42820	19.56831	0.4733275	0.16708848	3.2646632	21	—	—
524509 2002 TG_{122}	18.0	X	143.93216	321.22690	358.64741	20.32213	0.0755358	0.38218828	1.8805482	21	—	—
524510 2002 TY_{229}	18.0	X	37.91737	173.38999	198.38396	5.76703	0.1066188	0.26730339	2.3867104	21	—	—
524511 2002 TJ_{247}	18.3	X	42.89767	66.44608	26.17080	21.42989	0.0593410	0.38371816	1.8755464	21	—	—
524512 2002 TV_{317}	17.1	X	343.73124	72.19799	236.94179	4.97495	0.0469848	0.20171228	2.8794828	21	7 15.3	20.8
524513 2002 TA_{374}	17.2	X	311.18489	307.84188	58.76108	7.37460	0.1946504	0.25384297	2.4703545	21	7 31.6	19.7
524514 2002 TS_{379}	17.3	X	213.60665	197.91387	189.94266	5.73285	0.2136472	0.19131562	2.9828798	21	5 3.7	22.4
524515 2002 TP_{387}	16.5	X	69.45411	148.18866	104.78802	3.24882	0.0100060	0.20276231	2.8695330	21	8 29.1	20.4
524516 2002 UN	17.1	X	201.27054	39.84294	33.55458	26.18717	0.6100899	0.18941200	3.0028322	21	6 3.2	23.9
524517 2002 UN_{24}	16.0	X	153.99096	330.30693	37.55001	10.85487	0.1048636	0.17790601	3.1309465	21	2 19.1	20.9
524518 2002 UE_{43}	16.2	X	151.15342	213.34677	220.35077	9.70455	0.0800767	0.18499926	3.0503948	21	4 28.2	20.6
524519 2002 UT_{43}	17.3	X	106.65626	281.86338	218.77698	9.31735	0.0614641	0.24029973	2.5623229	21	5 26.5	20.6
524520 2002 UZ_{49}	16.9	X	108.73953	178.17506	8.71723	1.54738	0.0410494	0.19601509	2.9350109	21	7 27.8	20.9
524521 2002 UC_{74}	17.5	X	45.76653	74.17569	224.26286	0.64972	0.1764725	0.25911131	2.4367546	21	10 27.7	20.4
524522 2002 VE_{68}	20.5	X	286.63758	355.41511	231.48621	9.03465	0.4100652	1.60105437	0.7236557	21	—	—
524523 2002 VU_{95}	17.3	X	327.22745	24.56310	8.65795	8.63286	0.2395173	0.25785496	2.4446633	21	10 14.7	18.7
524524 2002 VV_{97}	16.1	X	161.66455	167.68491	242.66897	19.70733	0.2312526	0.18210381	3.0826439	21	4 16.4	21.5
524525 2002 VY_{145}	17.1	X	192.58324	245.81400	211.47978	12.07968	0.2478186	0.19086088	2.9876159	21	7 5.8	22.5
524526 2002 XC_{57}	15.6	X	106.72498	235.81859	262.91502	15.25794	0.2323091	0.17972023	3.1098402	21	6 16.9	20.3
524527 2002 XU_{59}	17.1	X	327.48641	351.25543	46.16855	9.81005	0.2400543	0.25713379	2.4492321	21	10 26.4	18.5
524528 2002 XF_{66}	16.1	X	107.50967	197.99931	257.11539	10.33637	0.1538495	0.17767569	3.1336516	21	4 12.0	20.8
524529 2002 XP_{85}	16.3	X	257.83085	92.44046	268.86951	26.41875	0.1783738	0.24152444	2.5536537	21	5 7.0	20.5
524530 2002 XC_{91}	19.5	X	191.15934	225.64897	102.40399	10.78844	0.5900152	0.54890138	1.4773152	21	1 20.3	21.4
524531 2002 XH_{91}	5.7	X	216.75900	188.60168	80.49465	4.99415	0.0927975	0.00341201	43.6980925	21	1 20.3	22.4
524532 2002 XW_{105}	17.4	X	351.90150	13.25313	53.53289	5.58767	0.1742245	0.26379799	2.4078073	21	—	—
524533 2002 YZ_{33}	16.5	X	121.80863	217.08937	294.64255	14.15404	0.0751597	0.23696718	2.5862902	21	7 2.7	20.2
524534 2003 AO	16.2	X	160.53633	355.40915	102.10643	22.04394	0.2270268	0.18274190	3.0754639	21	6 15.3	21.5
524535 2003 AC_{3}	16.0	X	201.11389	152.17865	260.34982	27.22991	0.1237930	0.18651394	3.0338575	21	5 24.6	21.0
524536 2003 AO_{4}	18.8	X	310.02465	112.11114	306.40456	21.08481	0.4518148	0.30918319	2.1660017	21	8 24.6	19.9
524537 2003 AL_{10}	15.8	X	271.52112	181.48678	241.19146	13.12074	0.1649690	0.19619605	2.9332059	21	8 10.7	20.2
524538 2003 AN_{16}	17.1	X	191.47889	8.06415	109.18275	11.35594	0.1560662	0.24258900	2.5461774	21	8 4.6	21.1
524539 2003 AQ_{27}	16.1	X	164.46268	165.88201	295.29598	14.02140	0.0595662	0.23635928	2.5907228	21	6 14.6	20.0
524540 2003 AA_{47}	17.1	X	238.55278	0.32542	61.13877	3.04253	0.1981010	0.24389548	2.5370764	21	7 5.5	20.9
524541 2003 AS_{61}	17.0	X	171.22221	143.10039	2.02686	4.53021	0.1386891	0.24255630	2.5464062	21	8 21.4	21.0
524542 2003 AN_{79}	17.4	X	189.36256	90.65790	46.16203	14.33562	0.3858412	0.18754591	3.0227181	21	8 25.1	23.4
524543 2003 AK_{82}	16.4	X	199.61632	35.56377	71.89375	22.33878	0.1335805	0.23976003	2.5661667	21	8 4.2	20.8
524544 2003 BA_{9}	16.0	X	190.16744	337.85198	148.79446	14.37262	0.1627877	0.18721361	3.0262939	21	8 11.5	21.0
524545 2003 BW_{21}	17.2	X	318.72899	345.07658	117.38259	11.82593	0.2068504	0.25937180	2.4351228	21	—	—
524546 2003 BZ_{90}	15.6	X	67.21181	48.78240	117.62370	28.38714	0.1555932	0.17415079	3.1757947	21	6 2.3	20.3
524547 2003 BQ_{93}	16.6	X	181.00405	87.93658	75.62937	13.30390	0.1580469	0.24384960	2.5373946	21	9 29.1	20.9
524548 2003 DL_{15}	16.9	X	92.32453	145.87840	43.96015	15.81229	0.2403998	0.23111171	2.6297921	21	8 14.7	21.2
524549 2003 EL_{13}	18.0	X	312.13796	172.44405	331.92506	18.48658	0.0646798	0.36761845	1.9299135	21	—	—
524550 2003 EM_{16}	16.7	X	109.61383	147.82818	37.30421	37.54413	0.2839434	0.23159914	2.6261010	21	9 18.1	21.9
524551 2003 EP_{32}	18.0	X	275.67162	276.83297	170.78712	21.60452	0.1222855	0.35393885	1.9793255	21	10 31.1	19.9
524552 2003 EH_{43}	17.5	X	316.74095	333.32561	66.98938	6.13588	0.0366735	0.29508746	2.2344409	21	10 24.1	19.8
524553 2003 EM_{43}	18.0	X	255.57116	189.04205	2.37712	19.09399	0.0460879	0.36340036	1.9448188	21	—	—
524554 2003 EE_{56}	17.1	X	239.76454	346.84830	148.77610	13.90642	0.0719579	0.24421223	2.5348821	21	11 2.9	20.7
524555 2003 FH_{13}	15.8	X	152.17596	80.92283	351.30074	12.81609	0.1040835	0.17047514	3.2212815	21	4 25.5	21.0
524556 2003 FL_{37}	16.3	X	155.44685	167.60069	1.60187	16.10265	0.0966895	0.18245403	3.0786979	21	9 4.2	21.1
524557 2003 FG_{40}	17.0	X	123.22866	276.69599	296.47504	1.97925	0.1946269	0.18364559	3.0653663	21	9 26.5	22.0
524558 2003 FY_{83}	16.0	X	65.86263	239.74585	9.39284	28.05393	0.1718894	0.23183446	2.6243236	21	9 21.0	19.6
524559 2003 FA_{94}	16.2	X	154.01224	156.69463	44.34055	15.97319	0.2173963	0.18616215	3.0376784	21	10 13.7	21.5
524560 2003 FQ_{96}	16.8	X	73.17915	78.34676	202.17517	13.93407	0.1661390	0.23761120	2.5816148	21	11 3.6	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524561 2003 FT_{96}	17.0	X	179.03440	279.56466	184.53247	10.98922	0.1311247	0.17873946	3.1212059	21	7 4.5	22.2
524562 2003 FN_{97}	16.9	X	340.66221	102.13014	183.46304	12.64592	0.1692061	0.22492716	2.6777793	21	5 29.9	19.9
524563 2003 FV_{99}	17.1	X	105.54045	199.00523	0.74905	2.89288	0.1563799	0.23453816	2.6041162	21	8 25.7	20.8
524564 2003 FW_{99}	17.0	X	346.73015	259.32050	352.46390	15.58524	0.1640709	0.22346518	2.6894458	21	4 13.6	20.2
524565 2003 GX_{15}	16.9	X	72.39505	266.90179	354.79974	9.35444	0.0830776	0.23720460	2.5845641	21	9 25.6	20.2
524566 2003 GU_{17}	17.4	X	157.81493	112.58186	7.56227	7.15437	0.1314252	0.23101060	2.6305594	21	7 5.9	21.6
524567 2003 GF_{18}	16.7	X	177.12292	117.29013	8.81236	13.03483	0.1108501	0.17976189	3.1093597	21	8 4.7	21.8
524568 2003 GB_{20}	16.9	X	54.18271	154.23964	162.90579	0.63030	0.1591362	0.24239069	2.5475659	21	11 26.9	20.3
524569 2003 GH_{20}	16.5	X	83.23537	262.81242	5.99133	14.79273	0.1104920	0.23945140	2.5683712	21	10 19.5	20.2
524570 2003 GT_{27}	16.5	X	172.62462	122.63236	19.91196	10.62146	0.0392892	0.18011686	3.1052731	21	8 20.2	21.2
524571 2003 GO_{36}	16.7	X	350.54957	311.02493	16.84655	14.64363	0.1176447	0.23199280	2.6231294	21	8 31.3	19.7
524572 2003 GO_{38}	16.3	X	203.58003	350.40593	95.83803	8.14757	0.1288221	0.17759137	3.1346434	21	7 7.2	21.2
524573 2003 GD_{53}	17.9	X	347.99812	46.66464	30.07044	21.64821	0.0973925	0.35920052	1.9599489	21	—	—
524574 2003 HN_{5}	15.8	X	42.32926	249.32236	48.27129	16.15925	0.2153202	0.17800536	3.1297814	21	10 20.1	19.9
524575 2003 HP_{19}	16.2	X	230.29518	18.18782	50.57812	10.78723	0.0826214	0.17557400	3.1586093	21	7 18.5	21.0
524576 2003 HT_{19}	17.1	X	170.88129	66.30726	44.21347	6.28047	0.1073946	0.22846223	2.6500848	21	7 5.8	21.2
524577 2003 HS_{23}	16.7	X	191.53142	267.79870	196.61297	13.96245	0.2517573	0.18147065	3.0898101	21	7 12.9	22.4
524578 2003 HD_{26}	17.4	X	127.44467	312.55527	220.09779	11.27656	0.1943459	0.23187409	2.6240246	21	8 11.1	21.9
524579 2003 HX_{43}	17.0	X	153.27510	65.35693	55.01981	10.69459	0.1600600	0.22789318	2.6544945	21	7 2.2	21.4
524580 2003 HQ_{56}	16.6	X	347.33517	244.34884	73.38855	14.13047	0.2298009	0.22454400	2.6808247	21	8 2.0	19.0
524581 2003 JY	18.4	X	127.08369	65.59394	199.51407	2.80156	0.1287842	0.29547036	2.2325101	21	12 13.2	21.5
524582 2003 JF_{3}	16.9	X	112.60497	152.95060	36.50767	3.44269	0.1721232	0.17585557	3.1552368	21	8 19.5	21.8
524583 2003 JN_{4}	18.2	X	179.98628	133.54065	33.73801	5.19677	0.1972419	0.24052603	2.5607155	21	9 25.4	22.4
524584 2003 JM_{9}	16.6	X	88.10419	227.71183	66.64645	9.81652	0.1573589	0.23828799	2.5767242	21	12 4.0	20.4
524585 2003 KR	17.1	X	165.30758	143.38010	66.17194	7.46606	0.1426295	0.18521905	3.0479812	21	10 29.9	22.1
524586 2003 KL_{12}	16.9	X	125.82689	82.18610	83.05285	12.10810	0.2253188	0.22875303	2.6478384	21	8 9.6	21.4
524587 2003 KJ_{13}	16.6	X	49.13436	242.80821	77.69626	15.31337	0.0934071	0.23696987	2.5862706	21	11 17.3	20.0
524588 2003 KM_{13}	16.7	X	120.25636	116.35095	118.77069	3.46308	0.2026479	0.18246974	3.0785211	21	10 22.5	21.9
524589 2003 KB_{14}	16.4	X	85.55554	125.98256	132.49714	26.17861	0.4411071	0.17740474	3.1368414	21	11 15.5	22.5
524590 2003 KZ_{30}	17.5	X	141.16687	206.68670	94.35386	5.72880	0.1727503	0.24707043	2.5152947	21	—	—
524591 2003 KT_{31}	15.9	X	107.97979	45.76193	176.08242	10.18558	0.0293354	0.17664312	3.1458516	21	9 5.7	20.3
524592 2003 KK_{34}	16.3	X	61.18498	112.56751	155.21580	10.43208	0.2028026	0.17624877	3.1505423	21	10 3.6	20.7
524593 2003 NZ	18.4	X	315.14772	221.62467	87.34097	7.44446	0.3829580	0.26784384	2.3834988	21	4 9.4	21.5
524594 2003 NW_{1}	18.7	X	254.39009	118.80018	265.07344	6.15534	0.6433080	0.26136011	2.4227570	21	4 30.1	24.0
524595 2003 NT_{2}	16.5	X	107.37033	144.64076	129.18997	13.52197	0.4015547	0.18074250	3.0981031	21	12 6.6	22.4
524596 2003 NV_{11}	16.6	X	359.15549	53.52752	233.84136	3.77820	0.0925906	0.21682151	2.7441077	21	7 9.3	19.7
524597 2003 OQ_{13}	20.3	X	48.99250	152.87102	123.74483	16.15220	0.1606409	0.66318473	1.3023060	21	12 12.7	20.9
524598 2003 PJ	18.0	X	303.18672	88.07572	227.56345	4.76629	0.3244905	0.26631935	2.3925861	21	4 7.7	21.2
524599 2003 PC_{11}	17.1	X	243.83433	10.22676	342.14004	22.96584	0.5840163	0.20414490	2.8565622	21	3 21.3	23.3
524600 2003 PY_{12}	18.0	X	293.99089	106.08854	210.89827	3.11455	0.2768032	0.26486506	2.4013360	21	4 6.6	21.2
524601 2003 PC_{13}	17.1	X	292.37040	208.69999	156.80412	6.71330	0.0896740	0.21485092	2.7608612	21	7 11.3	20.8
524602 2003 QP_{9}	18.2	X	276.09291	149.95246	197.35941	5.51318	0.2218525	0.26444169	2.4038983	21	5 5.4	21.7
524603 2003 QA_{31}	19.4	X	319.26057	90.60518	169.30093	8.34442	0.5472698	0.43071238	1.7365121	21	1 2.2	22.8
524604 2003 QZ_{46}	17.9	X	338.41831	54.40450	296.46885	4.04864	0.2970824	0.27408370	2.3471846	21	9 1.5	18.7
524605 2003 QW_{48}	18.0	X	0.71990	41.42326	334.46500	4.37901	0.2382494	0.28003756	2.3137967	21	12 20.1	20.1
524606 2003 QT_{79}	18.0	X	269.50613	293.70089	79.46917	6.33801	0.4197919	0.26501003	2.4004602	21	5 12.1	22.2
524607 2003 QB_{89}	18.8	X	174.85769	148.18115	156.67646	3.56115	0.2766740	0.30020246	2.2089873	21	—	—
524608 2003 QG_{108}	18.5	X	301.61958	127.99721	205.06511	1.88750	0.2084349	0.26672669	2.3901495	21	5 19.7	21.2
524609 2003 QY_{108}	18.4	X	198.32471	347.07321	229.00159	1.30080	0.1525108	0.29059210	2.2574260	21	12 20.5	21.6
524610 2003 QA_{109}	16.6	X	327.74717	197.27138	165.30077	6.31887	0.0425700	0.21931198	2.7232937	21	9 4.7	19.9
524611 2003 QF_{110}	17.8	X	108.96858	128.97456	149.04400	2.87231	0.1807029	0.23130526	2.6283249	21	12 5.1	22.0
524612 2003 QA_{112}	6.3	X	171.60428	186.44394	0.68760	15.95875	0.1123439	0.00350552	42.9175368	21	9 23.7	23.1
524613 2003 QW_{113}	7.3	X	343.32698	253.47371	160.25378	6.91252	0.4886434	0.00266207	51.5611746	21	9 27.6	22.0
524614 2003 QA_{115}	17.7	X	284.51679	194.43735	136.25123	9.86683	0.2484133	0.26383362	2.4075906	21	4 22.7	21.3
524615 2003 RJ_{4}	17.1	X	129.64376	134.55569	168.85844	23.37363	0.0534213	0.34593150	2.0097528	21	—	—
524616 2003 RD_{21}	17.3	X	322.11227	151.43823	163.47566	4.66172	0.1660580	0.26695077	2.3888118	21	6 4.3	19.8
524617 2003 RK_{24}	16.9	X	69.41759	150.90616	176.41079	8.18278	0.1248430	0.22880321	2.6474512	21	12 20.2	20.9
524618 2003 RU_{27}	17.5	X	99.15241	224.96102	134.75932	3.43164	0.2376112	0.23718593	2.5846998	21	—	—
524619 2003 SS	18.3	X	78.88398	306.77958	342.29832	4.95984	0.1821530	0.28205443	2.3027534	21	11 26.1	21.7
524620 2003 SK_{1}	17.2	X	292.73234	44.95102	345.35678	5.54408	0.0394394	0.21627882	2.7486961	21	8 23.8	20.9
524621 2003 SF_{7}	18.4	X	335.19746	48.36978	275.04660	2.45271	0.1425413	0.27048725	2.3679445	21	7 17.3	20.3
524622 2003 SO_{8}	18.4	X	293.80688	350.33694	351.46632	3.24390	0.2687005	0.26520888	2.3992602	21	5 10.1	21.5
524623 2003 SF_{9}	17.5	X	246.11281	97.07866	244.88773	1.12135	0.0754094	0.20291789	2.8680661	21	4 15.3	21.8
524624 2003 SN_{12}	17.0	X	297.10698	340.52114	351.89020	7.82484	0.2258804	0.21056283	2.7982182	21	5 10.4	20.9
524625 2003 SJ_{62}	17.8	X	345.93187	23.58564	325.76964	9.87638	0.2476454	0.27423490	2.3463218	21	9 22.8	19.3
524626 2003 SS_{63}	18.4	X	60.03336	176.77477	201.34328	7.38532	0.1303442	0.28918592	2.2647379	21	—	—
524627 2003 SL_{69}	17.1	X	202.61330	91.90145	303.54058	0.92932	0.0693793	0.20162367	2.8803264	21	5 4.7	21.5
524628 2003 SU_{72}	17.5	X	288.94009	233.92755	203.21177	4.15358	0.0922207	0.22023139	2.7157090	21	10 12.8	21.0
524629 2003 SQ_{74}	17.8	X	80.23042	6.56449	352.43470	8.54290	0.1478555	0.28897548	2.2658373	21	—	—
524630 2003 SL_{82}	17.6	X	53.82123	240.96244	64.83253	2.39974	0.2241371	0.27973271	2.3154774	21	11 26.8	20.7
524631 2003 SC_{100}	17.6	X	324.78598	273.27023	156.06768	1.69229	0.1608845	0.28226950	2.3015836	21	12 17.5	19.3
524632 2003 SH_{105}	18.5	X	242.03593	46.80538	356.92480	1.15445	0.1818187	0.26311009	2.4120023	21	6 16.8	22.0
524633 2003 SP_{105}	18.0	X	247.66698	32.17538	359.93732	0.96780	0.1914548	0.26267997	2.4146346	21	6 6.1	21.4
524634 2003 SS_{106}	17.1	X	317.05353	294.86816	62.90280	2.28869	0.0985825	0.21256025	2.7806608	21	8 8.0	20.4
524635 2003 SS_{130}	17.5	X	336.69200	348.87791	355.84048	8.22831	0.3137486	0.27184568	2.3600494	21	8 15.8	18.2
524636 2003 SJ_{133}	18.8	X	304.49085	120.16203	305.86403	1.70690	0.1588418	0.27706853	2.3302969	21	10 25.4	20.6
524637 2003 SY_{151}	17.9	X	280.93649	201.82732	185.17369	1.88300	0.2190479	0.26670289	2.3902917	21	7 4.6	21.0
524638 2003 SC_{158}	17.4	X	182.90391	37.76198	333.63934	11.63462	0.2738697	0.19649631	2.9302170	21	3 18.4	22.7
524639 2003 SA_{169}	17.7	X	241.76981	284.75274	116.51747	6.36836	0.3418221	0.26239341	2.4163922	21	6 1.5	22.0
524640 2003 SF_{173}	16.8	X	8.06204	217.43179	169.21680	12.41106	0.2626747	0.22487897	2.6781619	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524641 2003 SP_{181}	17.2	X	88.74029	307.72976	10.64646	6.45260	0.2266077	0.23156564	2.6263542	21	—	—
524642 2003 SG_{183}	16.7	X	40.74499	205.13406	141.16768	5.75643	0.0525996	0.22664795	2.6642084	21	11 29.7	20.3
524643 2003 SF_{187}	17.2	X	71.57267	167.54320	176.31861	14.03081	0.1956583	0.23062661	2.6334785	21	—	—
524644 2003 SC_{220}	19.9	X	194.39280	139.16383	199.22194	33.22419	0.1241457	0.52552307	1.5208097	21	—	—
524645 2003 SE_{220}	17.8	X	245.96059	15.33497	357.71777	7.49574	0.1847672	0.26101904	2.4248670	21	5 8.5	21.6
524646 2003 SO_{224}	17.1	X	46.93476	32.17911	316.08531	5.23852	0.1507518	0.22759086	2.6568447	21	12 23.5	20.7
524647 2003 SH_{228}	16.4	X	48.10192	66.94506	185.15375	3.93691	0.0521886	0.20873947	2.8144897	21	8 2.8	20.2
524648 2003 SJ_{241}	17.6	X	67.06668	327.84492	7.16535	8.30171	0.1739325	0.22890111	2.6466963	21	—	—
524649 2003 SA_{254}	18.2	X	271.31476	2.05251	358.79486	5.19534	0.2509729	0.26321760	2.4113454	21	5 12.2	21.9
524650 2003 SN_{254}	17.5	X	166.48069	244.95843	319.51356	7.72575	0.1329041	0.27509787	2.3414123	21	10 29.6	21.2
524651 2003 SP_{254}	18.3	X	267.52848	33.30753	353.57486	2.60053	0.2197799	0.26522669	2.3991527	21	6 17.5	21.6
524652 2003 SE_{255}	15.7	X	273.28717	51.58927	11.78087	17.67050	0.1286633	0.15887902	3.3761755	21	8 30.3	20.6
524653 2003 SD_{257}	17.5	X	7.93926	349.82618	357.55049	23.64437	0.1530221	0.27768762	2.3268320	21	10 24.1	20.2
524654 2003 SP_{262}	18.0	X	207.37444	273.89885	90.83504	1.92933	0.3630246	0.19918370	2.9038010	21	3 30.4	23.5
524655 2003 SR_{267}	16.7	X	112.66148	273.28111	206.07663	1.36505	0.0241051	0.20094903	2.8867695	21	5 2.6	20.7
524656 2003 SD_{289}	17.8	X	310.47483	204.51472	178.09520	11.27569	0.2384431	0.27104698	2.3646834	21	8 13.1	20.1
524657 2003 SQ_{311}	17.8	X	252.70421	28.03899	2.27660	23.31882	0.1634584	0.26384592	2.4075157	21	6 7.8	21.9
524658 2003 SD_{314}	17.4	X	223.73164	287.29936	80.87782	7.52735	0.3983106	0.20136648	2.8827784	21	4 13.9	23.1
524659 2003 SL_{316}	17.4	X	87.80711	312.14676	5.98768	1.88942	0.0819801	0.22899294	2.6459887	21	12 24.4	21.1
524660 2003 SV_{323}	18.5	X	293.16344	24.51206	339.94422	6.50500	0.1174297	0.26788898	2.3832310	21	7 8.8	21.3
524661 2003 SB_{327}	19.0	X	277.81052	327.06839	36.10555	1.68920	0.1990859	0.26469332	2.4023746	21	5 30.9	22.2
524662 2003 SC_{332}	18.2	X	256.94077	15.99248	17.43893	6.07677	0.2139381	0.26309491	2.4120951	21	6 14.9	21.9
524663 2003 SD_{334}	18.5	X	266.00900	46.89072	340.97987	0.94636	0.1768194	0.26372824	2.4082318	21	6 23.1	21.8
524664 2003 SA_{336}	18.3	X	148.74884	229.74759	85.38771	8.68499	0.1758392	0.29271380	2.2465043	21	—	—
524665 2003 SD_{343}	16.6	X	331.68373	102.74553	358.15237	11.04815	0.1541096	0.23089894	2.6314074	21	—	—
524666 2003 SN_{344}	17.9	X	29.79311	158.12719	185.46169	12.36478	0.1461924	0.22515041	2.6760089	21	11 25.4	21.4
524667 2003 SX_{357}	17.6	X	356.21254	35.04730	352.31112	3.80141	0.1006060	0.22383420	2.6864891	21	11 22.7	20.7
524668 2003 SD_{359}	18.0	X	339.61905	81.92737	219.09212	2.15920	0.1796497	0.26655213	2.3911929	21	6 15.7	19.8
524669 2003 SA_{360}	16.4	X	158.26116	334.88977	265.53412	13.59257	0.1078988	0.22856350	2.6493020	21	12 2.9	20.4
524670 2003 SL_{361}	17.0	X	204.76685	288.08242	194.76994	4.12248	0.0593111	0.21671129	2.7450380	21	8 27.9	20.9
524671 2003 SS_{402}	17.0	X	120.24853	19.84561	208.81300	4.45522	0.0517837	0.22108279	2.7087323	21	10 5.9	20.8
524672 2003 SA_{429}	18.7	X	278.71276	37.76314	349.28099	0.79884	0.1819188	0.26589005	2.3951607	21	7 7.9	21.5
524673 2003 SH_{429}	17.1	X	244.56414	129.80115	210.17833	7.30975	0.1526899	0.19947151	2.9010071	21	4 4.3	21.8
524674 2003 SV_{429}	17.1	X	214.73623	359.74998	44.58716	13.08076	0.1546522	0.20300043	2.8672886	21	5 23.8	21.8
524675 2003 ST_{431}	18.7	X	283.13824	175.38818	187.22676	2.92461	0.2070257	0.26443594	2.4039332	21	6 5.4	21.7
524676 2003 SK_{432}	17.3	X	228.33586	185.35184	3.48396	25.19546	0.1472988	0.28485281	2.2876472	21	12 18.4	20.9
524677 2003 SL_{434}	17.3	X	345.89915	263.71913	43.94353	6.57189	0.0886736	0.21146192	2.7902809	21	7 17.7	20.6
524678 2003 TA	17.6	X	132.75566	94.49622	205.78697	27.38621	0.3755861	0.23353815	2.6115449	21	—	—
524679 2003 TW_{5}	16.2	X	12.07693	90.55270	237.32098	13.41731	0.0342365	0.21432989	2.7653337	21	9 16.1	20.1
524680 2003 TM_{22}	16.4	X	254.88767	80.66853	237.92916	11.13097	0.0388920	0.19809867	2.9143945	21	3 28.1	20.7
524681 2003 TL_{23}	16.5	X	11.06073	16.71555	272.45784	6.76021	0.1893885	0.21404396	2.7677959	21	8 6.9	19.2
524682 2003 TT_{27}	16.8	X	138.24912	272.83290	357.20471	7.87781	0.1261842	0.22959667	2.6413482	21	12 19.3	21.1
524683 2003 TY_{28}	17.1	X	43.26855	142.72308	205.72145	5.87654	0.0384646	0.22469636	2.6796127	21	12 2.6	20.6
524684 2003 TB_{29}	16.2	X	100.56607	7.66263	15.20427	3.32446	0.3077645	0.12682005	3.9235340	21	2 9.4	21.9
524685 2003 TG_{29}	17.1	X	271.01155	64.86864	14.38560	9.13086	0.1479112	0.21545525	2.7556962	21	9 13.4	20.7
524686 2003 TE_{31}	17.2	X	294.00733	19.05547	29.26033	3.82111	0.1059824	0.21567579	2.7538173	21	9 10.6	20.6
524687 2003 TR_{32}	18.0	X	241.11429	277.90805	135.48114	1.92841	0.1818771	0.26343327	2.4100292	21	6 28.7	21.5
524688 2003 TD_{34}	17.8	X	144.55529	12.05977	288.68098	6.20729	0.1208589	0.28966110	2.2622604	21	—	—
524689 2003 TL_{35}	17.2	X	31.95573	115.39343	258.52780	4.18144	0.0847207	0.22607139	2.6687362	21	12 26.6	20.6
524690 2003 TA_{36}	17.6	X	197.82668	22.07500	346.42032	7.89481	0.1580478	0.19598737	2.9352876	21	3 26.5	22.5
524691 2003 TK_{40}	16.6	X	79.04660	14.82458	311.82090	4.06972	0.1289464	0.22829082	2.6514112	21	12 30.2	20.6
524692 2003 TS_{46}	17.8	X	337.10910	10.42788	308.29337	2.35884	0.2210376	0.26811674	2.3818812	21	7 4.9	19.6
524693 2003 TD_{47}	18.2	X	284.38812	148.02074	243.77972	3.61441	0.1539334	0.26744263	2.3858820	21	7 26.9	20.9
524694 2003 TS_{52}	17.2	X	93.31711	175.32273	149.30362	3.66390	0.1515443	0.23011629	2.6373705	21	—	—
524695 2003 TD_{53}	16.5	X	308.09863	348.04539	37.26202	13.90132	0.0579543	0.21472480	2.7619422	21	9 12.6	20.2
524696 2003 TC_{55}	17.5	X	334.48068	31.11365	291.82293	6.45374	0.1170877	0.26592430	2.3949551	21	7 17.5	19.6
524697 2003 TO_{59}	17.1	X	332.60021	148.29620	198.43224	3.89453	0.0885425	0.21510288	2.7587048	21	8 16.9	20.3
524698 2003 TS_{59}	18.4	X	219.97153	248.64964	198.13590	2.56561	0.1663678	0.26521741	2.3992087	21	7 22.1	22.1
524699 2003 TV_{59}	17.4	X	9.23222	56.61874	335.98787	5.65684	0.0612576	0.22348414	2.6892938	21	12 15.6	20.8
524700 2003 UB_{15}	18.3	X	110.69773	337.23825	7.83208	3.33337	0.2033605	0.29089823	2.2558419	21	—	—
524701 2003 US_{19}	18.1	X	247.96536	228.26616	164.30448	6.59895	0.1429855	0.26200814	2.4187605	21	6 13.0	21.7
524702 2003 UT_{19}	17.4	X	255.65635	312.53313	99.53043	24.42249	0.3347757	0.26359520	2.4090421	21	6 26.3	21.2
524703 2003 UG_{20}	18.6	X	28.65121	44.36378	19.98548	20.70192	0.0820554	0.39883758	1.8278421	21	—	—
524704 2003 UY_{26}	17.5	X	350.16846	323.67581	34.64025	10.00693	0.2614438	0.27474603	2.3434108	21	10 29.9	18.7
524705 2003 UL_{33}	17.2	X	245.39040	268.96765	189.46974	11.07771	0.1490533	0.21409340	2.7673698	21	9 1.2	21.4
524706 2003 UH_{34}	16.6	X	319.14225	36.92700	333.03008	4.40912	0.0076500	0.21350402	2.7724603	21	9 4.0	20.1
524707 2003 UM_{34}	18.0	X	282.54119	53.96537	290.22297	1.49815	0.2588855	0.26293604	2.4130666	21	5 2.2	21.5
524708 2003 UO_{34}	17.9	X	115.67754	79.23395	211.16808	12.42175	0.2687496	0.23125686	2.6286916	21	12 26.9	22.8
524709 2003 UH_{42}	18.0	X	262.91853	4.84088	177.57979	2.28011	0.0591267	0.28847223	2.2684717	21	—	—
524710 2003 UV_{44}	16.5	X	313.43489	183.15021	169.23044	4.25459	0.1139869	0.21201944	2.7853873	21	7 21.7	19.9
524711 2003 UJ_{46}	17.2	X	340.31029	270.05662	71.93262	1.44032	0.0842390	0.21354851	2.7720753	21	8 25.5	20.3
524712 2003 UC_{48}	16.7	X	6.28419	312.09826	359.55993	11.16665	0.1197907	0.21493681	2.7601256	21	8 30.9	19.8
524713 2003 UT_{71}	17.5	X	347.24095	8.45015	7.25480	6.63122	0.1243989	0.27590557	2.3368405	21	11 3.4	19.6
524714 2003 UT_{72}	17.2	X	277.08825	207.09805	222.71435	3.90373	0.0428194	0.21403798	2.7678475	21	9 20.9	21.0
524715 2003 UV_{94}	17.3	X	63.18811	323.33936	25.10028	13.03276	0.3032887	0.22939085	2.6429279	21	—	—
524716 2003 UR_{105}	18.1	X	310.03215	331.01320	44.26648	4.05187	0.2117485	0.26948942	2.3737860	21	8 9.6	20.2
524717 2003 US_{108}	18.0	X	313.21565	312.47062	29.34607	2.60441	0.2319708	0.26571428	2.3962169	21	6 16.7	20.2
524718 2003 UT_{108}	17.6	X	258.06303	4.89900	34.63527	13.55592	0.1915528	0.26296686	2.4128781	21	6 27.4	21.3
524719 2003 UY_{110}	18.1	X	334.79233	136.76017	187.54335	3.70590	0.1858326	0.26602905	2.3943263	21	7 12.4	20.1
524720 2003 UP_{127}	18.1	X	320.73773	346.01427	2.41045	2.65775	0.2336986	0.26835843	2.3804508	21	7 14.1	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524721 2003 UB_{136}	16.3	X	283.71053	4.94527	318.55020	10.34885	0.1391435	0.20255103	2.8715282	21	4 23.0	20.6
524722 2003 US_{156}	17.6	X	101.90451	252.62822	121.69803	5.28730	0.1339984	0.29197673	2.2502835	21	—	—
524723 2003 UW_{159}	16.9	X	31.90654	175.03962	151.93316	5.34903	0.0976245	0.22044031	2.7139929	21	10 29.8	20.3
524724 2003 UV_{161}	17.0	X	277.80768	356.93438	38.48734	9.63743	0.1997710	0.21074972	2.7965637	21	7 16.9	21.0
524725 2003 UP_{163}	17.1	X	94.43361	286.66297	55.42693	12.21321	0.2984646	0.23282523	2.6168732	21	—	—
524726 2003 UY_{167}	16.4	X	332.75308	27.32958	26.69911	26.18085	0.1355677	0.22009170	2.7168580	21	11 12.3	19.6
524727 2003 UH_{179}	18.2	X	302.34317	194.73286	176.85580	1.36399	0.1949135	0.26747710	2.3856770	21	7 19.9	20.6
524728 2003 UE_{193}	18.3	X	262.98844	160.95986	241.94842	1.39644	0.1971690	0.26593189	2.3949095	21	7 7.2	21.4
524729 2003 UQ_{194}	17.6	X	108.61002	246.05379	20.51340	6.67785	0.2614825	0.28134386	2.3066291	21	11 29.5	21.6
524730 2003 UC_{196}	17.7	X	247.91533	30.98171	6.38464	3.42673	0.1303330	0.26160093	2.4212699	21	6 20.4	21.1
524731 2003 UE_{196}	17.0	X	300.43604	170.35043	235.84970	4.09050	0.1261754	0.21469484	2.7621991	21	9 11.1	20.4
524732 2003 UL_{203}	16.7	X	201.20157	276.14121	220.22743	22.43457	0.1265283	0.26673521	2.3900986	21	9 2.8	20.8
524733 2003 UC_{205}	18.4	X	312.99160	241.56123	166.02601	2.11463	0.2192188	0.27315070	2.3525264	21	10 8.6	19.9
524734 2003 UN_{208}	17.5	X	299.82637	259.75381	169.12323	1.87209	0.1946047	0.27228106	2.3575329	21	10 15.8	19.2
524735 2003 UP_{217}	18.2	X	271.84144	179.70236	186.30261	5.88791	0.2597669	0.26277172	2.4140725	21	5 21.3	21.8
524736 2003 UK_{224}	16.0	X	103.17286	144.24710	236.70942	10.44084	0.3554109	0.12608212	3.9388283	21	2 10.1	22.1
524737 2003 UB_{231}	17.0	X	103.01329	107.96961	214.84302	12.40595	0.1962166	0.23206488	2.6225862	21	—	—
524738 2003 UJ_{233}	16.6	X	313.21341	320.18478	18.55265	4.40728	0.1158658	0.20907359	2.8114904	21	7 3.2	20.1
524739 2003 UK_{233}	16.9	X	20.29831	114.37025	217.62161	6.07446	0.0532669	0.21733084	2.7398186	21	10 10.3	20.4
524740 2003 US_{244}	18.0	X	96.41418	246.37525	111.25800	3.30139	0.1729228	0.28900467	2.2656847	21	—	—
524741 2003 UL_{251}	18.7	X	297.77302	224.84242	204.98247	0.67464	0.1487887	0.27295032	2.3536776	21	10 19.0	20.8
524742 2003 UJ_{266}	18.0	X	309.15857	7.31535	39.98968	6.28658	0.2108426	0.27154971	2.3617640	21	10 1.3	19.8
524743 2003 UR_{267}	16.9	X	137.87497	43.84143	31.99969	6.14010	0.5266882	0.13336076	3.7941749	21	5 17.7	24.0
524744 2003 UW_{271}	17.8	X	235.70526	211.12151	208.05543	2.12525	0.1562976	0.26160664	2.4212346	21	7 3.1	21.4
524745 2003 UB_{278}	17.8	X	265.02078	14.60235	354.29763	4.75071	0.2339815	0.26205501	2.4184720	21	5 18.5	21.4
524746 2003 UE_{289}	17.5	X	178.27349	226.97756	35.47651	8.00392	0.1893572	0.28878029	2.2668582	21	—	—
524747 2003 UJ_{292}	6.9	X	355.99205	221.10573	194.55486	11.04984	0.3197167	0.00235691	55.9208463	21	11 11.8	22.7
524748 2003 US_{297}	18.0	X	147.02861	97.72223	231.02383	4.08388	0.1985557	0.29447244	2.2375510	21	—	—
524749 2003 UC_{299}	16.6	X	301.45570	263.84226	22.27975	1.93658	0.0267273	0.19830974	2.9123262	21	4 19.5	20.5
524750 2003 UR_{300}	16.8	X	42.75673	254.68907	41.64543	9.13824	0.1260009	0.21723586	2.7406172	21	10 9.2	20.3
524751 2003 UY_{300}	16.2	X	158.68788	56.93270	3.92785	11.86775	0.0338951	0.19767449	2.9185622	21	4 13.4	20.5
524752 2003 UB_{302}	17.4	X	352.86051	42.02694	341.76282	5.81539	0.0556935	0.22162628	2.7043021	21	11 7.7	20.9
524753 2003 UD_{302}	17.2	X	99.82192	349.53165	324.01789	4.94822	0.2110500	0.23059498	2.6337193	21	—	—
524754 2003 UV_{302}	17.3	X	237.76197	142.03023	284.16283	2.58882	0.0812834	0.20942619	2.8083337	21	7 22.6	21.4
524755 2003 UU_{305}	17.0	X	11.49678	11.68193	305.69042	5.40659	0.0403450	0.21429636	2.7656222	21	9 5.4	20.5
524756 2003 UV_{305}	17.1	X	1.66185	338.38800	320.75827	5.83686	0.0102946	0.20952309	2.8074678	21	7 29.8	20.8
524757 2003 UT_{306}	17.5	X	127.99587	254.47362	15.70344	22.59446	0.2142440	0.28392757	2.2926143	21	12 16.2	21.8
524758 2003 UD_{307}	17.5	X	222.03465	100.57327	356.66798	7.11481	0.1878528	0.20888854	2.8131505	21	8 6.4	22.0
524759 2003 UA_{313}	17.1	X	271.99735	223.55858	257.63396	9.74043	0.1453380	0.27626865	2.3347926	21	11 18.4	19.6
524760 2003 UE_{313}	17.6	X	234.40475	18.62728	54.19441	4.53293	0.2156999	0.26315855	2.4117062	21	7 15.2	21.3
524761 2003 UJ_{313}	17.1	X	315.40386	31.82021	297.90546	0.78274	0.0616850	0.20585893	2.8406839	21	6 30.9	20.7
524762 2003 UK_{316}	18.3	X	267.54967	99.96297	263.72590	1.54109	0.2857922	0.26111612	2.4242659	21	5 9.8	22.0
524763 2003 UC_{321}	16.3	X	300.08457	144.84960	243.45703	8.48780	0.0797229	0.15800487	3.3886164	21	8 17.4	21.0
524764 2003 UG_{321}	17.4	X	20.84012	79.82584	297.68480	4.47777	0.1196779	0.22564276	2.6721148	21	12 21.2	20.8
524765 2003 UN_{322}	17.2	X	290.43498	187.28554	199.10845	6.08092	0.0864674	0.21203563	2.7852455	21	8 5.2	20.8
524766 2003 UH_{326}	19.0	X	81.32337	169.15733	198.43018	19.12360	0.0867364	0.40281230	1.8157982	21	—	—
524767 2003 UM_{334}	19.0	X	259.39793	210.05351	201.72558	4.39633	0.2192178	0.26681280	2.3896352	21	7 11.5	22.5
524768 2003 UP_{334}	17.8	X	245.45337	132.10929	198.45683	4.80583	0.2428120	0.20137693	2.8826787	21	3 18.7	22.6
524769 2003 UP_{337}	17.1	X	118.34552	46.98497	188.12099	14.34497	0.1441465	0.22202389	2.7010725	21	10 20.9	21.4
524770 2003 UG_{345}	17.4	X	133.24496	109.58191	196.06637	8.17316	0.1413065	0.23571055	2.5954741	21	—	—
524771 2003 UD_{350}	18.2	X	166.81050	160.77882	171.58167	4.32055	0.2368617	0.29943020	2.2127838	21	1 7.4	21.4
524772 2003 UO_{355}	16.9	X	59.98538	103.96074	240.04183	5.48116	0.0637705	0.22548260	2.6733800	21	12 21.1	20.6
524773 2003 UJ_{356}	17.9	X	70.11510	331.05130	328.00722	1.94122	0.2669285	0.27967349	2.3158043	21	12 8.9	21.5
524774 2003 UC_{358}	18.8	X	291.31500	274.93048	169.21186	1.19132	0.1468697	0.27385862	2.3484705	21	10 29.4	21.0
524775 2003 UF_{359}	17.7	X	324.61461	286.45514	49.05668	4.03014	0.1448527	0.26630406	2.3926776	21	7 15.6	19.9
524776 2003 UC_{361}	17.1	X	296.25431	203.92594	177.94953	6.01634	0.0434456	0.21382398	2.7696939	21	8 14.4	20.7
524777 2003 UF_{361}	17.6	X	343.11878	245.93044	40.66529	3.50785	0.1784582	0.26518223	2.3994209	21	5 30.1	19.5
524778 2003 UV_{361}	17.8	X	21.29386	303.41305	65.87837	7.19708	0.1317751	0.27979082	2.3151568	21	12 25.9	20.4
524779 2003 UN_{366}	18.5	X	303.93658	303.11212	40.15939	16.15082	0.2500859	0.26400326	2.4065591	21	5 27.4	21.4
524780 2003 UR_{366}	17.4	X	235.42148	196.79649	222.01402	14.47256	0.0885239	0.26088462	2.4256999	21	7 6.8	21.0
524781 2003 UH_{367}	16.6	X	289.65767	52.04681	31.95470	6.92856	0.0041093	0.21961166	2.7208156	21	11 1.8	20.4
524782 2003 UZ_{367}	17.4	X	357.63587	85.55802	244.68988	2.46021	0.1008448	0.21448827	2.7639723	21	9 5.4	20.5
524783 2003 UV_{368}	17.1	X	286.91613	195.47438	148.40373	7.21305	0.1526461	0.26188940	2.4194915	21	5 25.4	20.3
524784 2003 UG_{400}	18.5	X	249.99655	227.89155	166.06079	1.26957	0.1844718	0.26128022	2.4232508	21	6 12.1	22.1
524785 2003 UB_{402}	18.8	X	274.79486	139.35721	227.61165	2.09350	0.1523282	0.26510866	2.3998648	21	6 8.7	21.8
524786 2003 UD_{408}	18.3	X	283.45882	247.73559	115.47419	5.32480	0.0950888	0.26358405	2.4091100	21	6 24.7	21.4
524787 2003 UU_{418}	17.0	X	18.26645	2.52205	298.96677	1.44076	0.1839323	0.21589135	2.7519839	21	9 10.7	19.9
524788 2003 VV_{6}	16.6	X	106.65778	28.17245	244.04843	5.27994	0.0197359	0.21855904	2.7295447	21	11 10.7	20.4
524789 2003 WM_{2}	18.0	X	93.60987	299.77895	45.01320	6.82743	0.2176520	0.28684065	2.2770658	21	—	—
524790 2003 WK_{4}	16.3	X	183.52462	189.62799	288.07136	9.17677	0.0163241	0.20583552	2.8408992	21	7 27.9	20.2
524791 2003 WO_{15}	17.6	X	171.24638	254.80195	221.36990	5.72401	0.0679655	0.25950262	2.4343044	21	7 11.5	21.1
524792 2003 WO_{38}	15.7	X	162.36587	234.70171	271.58957	13.74253	0.0903560	0.20436001	2.8545573	21	8 5.7	20.2
524793 2003 WB_{43}	17.8	X	285.06466	344.59474	72.33160	13.89009	0.2055552	0.26827307	2.3809558	21	9 3.9	20.7
524794 2003 WT_{51}	16.1	X	23.26418	9.87343	246.23122	13.57014	0.1150407	0.20443453	2.8538637	21	7 6.1	19.6
524795 2003 WR_{65}	17.8	X	346.64519	288.46946	77.60093	3.56969	0.2388612	0.27217583	2.3581405	21	10 31.5	19.2
524796 2003 WW_{106}	16.8	X	220.38325	218.85166	286.65406	7.29952	0.1485457	0.21632298	2.7483220	21	10 1.9	21.2
524797 2003 WK_{112}	17.0	X	12.90828	138.25700	254.16655	18.09869	0.0327373	0.27763787	2.3271100	21	12 28.1	19.9
524798 2003 WJ_{123}	16.3	X	220.55833	33.77052	52.35630	13.54869	0.1090468	0.20354348	2.8621865	21	7 29.7	20.9
524799 2003 WA_{129}	17.5	X	293.26661	41.10771	52.52402	10.64474	0.1821719	0.27251466	2.3561855	21	11 11.6	19.6
524800 2003 WP_{133}	18.1	X	314.45617	0.66947	71.46776	7.50530	0.2437836	0.27339955	2.3510987	21	11 23.2	19.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524801 2003 WN_{156}	17.8	X	179.72416	332.96563	156.00083	9.93003	0.4789115	0.19684043	2.9268009	21	8 2.7	23.9
524802 2003 WS_{156}	18.0	X	297.50278	343.32906	87.87837	3.82152	0.2086766	0.27169139	2.3609428	21	10 13.9	19.9
524803 2003 WA_{157}	16.7	X	64.04700	169.79095	156.32713	6.64969	0.0328144	0.22143933	2.7058240	21	11 30.1	20.5
524804 2003 WF_{165}	17.2	X	238.09410	197.12693	217.33610	1.25165	0.0616844	0.20305645	2.8667612	21	7 9.9	21.3
524805 2003 WL_{173}	16.8	X	69.64530	292.82209	42.14396	3.99962	0.0981373	0.22362639	2.6881532	21	12 25.5	20.6
524806 2003 WS_{174}	17.7	X	264.29716	164.15036	211.01674	5.36370	0.0857421	0.26110530	2.4243329	21	6 16.5	20.8
524807 2003 WZ_{174}	18.5	X	246.47807	230.61241	235.40401	1.47303	0.1395041	0.26925968	2.3751361	21	9 20.1	21.6
524808 2003 WA_{179}	17.3	X	217.64105	298.81743	169.89795	0.52069	0.1211683	0.20846787	2.8169338	21	8 19.7	21.6
524809 2003 WC_{194}	17.8	X	70.87000	109.47614	261.51109	6.55936	0.1043971	0.28339706	2.2954746	21	—	—
524810 2003 WU_{194}	18.4	X	144.27708	308.94240	5.77111	5.81013	0.2571732	0.29530360	2.2333505	21	—	—
524811 2003 WY_{194}	18.2	X	301.29400	7.41603	73.44521	6.53142	0.1342641	0.27281876	2.3544342	21	11 14.6	20.2
524812 2003 WW_{195}	17.0	X	60.70586	243.66893	81.51976	7.12383	0.2109585	0.27802444	2.3249524	21	12 26.9	20.3
524813 2003 XG_{20}	16.1	X	252.98439	345.13173	81.05766	16.37035	0.1162287	0.20330345	2.8644388	21	8 9.3	20.4
524814 2003 XD_{29}	16.7	X	35.22463	212.26531	60.24828	10.05147	0.0867748	0.20601747	2.8392264	21	8 22.1	20.4
524815 2003 XX_{30}	17.3	X	35.46282	103.39002	237.38857	2.75515	0.0330872	0.21700029	2.7426002	21	11 9.8	21.0
524816 2003 XM_{32}	18.0	X	202.84116	329.11311	179.38018	2.34569	0.1437819	0.26611482	2.3938118	21	9 26.5	21.4
524817 2003 YU_{2}	17.7	X	329.81396	165.44002	278.98130	19.34436	0.0913489	0.38767059	1.8627768	21	—	—
524818 2003 YK_{3}	17.1	X	317.45469	86.55619	312.37505	20.75623	0.3035586	0.26897081	2.3768364	21	9 7.1	19.0
524819 2003 YM_{8}	17.1	X	198.32903	59.09155	89.96836	25.23258	0.3182313	0.26061187	2.4273920	21	9 25.1	22.0
524820 2003 YG_{12}	16.2	X	256.01574	327.68700	59.13096	12.29861	0.1447387	0.20084910	2.8877269	21	6 14.3	20.6
524821 2003 YX_{23}	16.3	X	224.47248	348.38181	50.74769	11.39642	0.2690807	0.19942204	2.9014869	21	5 21.3	21.4
524822 2003 YN_{31}	16.2	X	139.06457	166.56653	274.63833	10.53124	0.1067838	0.19005370	2.9960691	21	4 22.9	20.9
524823 2003 YT_{41}	17.3	X	191.19043	159.89376	290.59134	13.99605	0.0743738	0.25224260	2.4807924	21	7 1.9	20.9
524824 2003 YH_{44}	16.3	X	30.77788	44.72249	295.81869	16.82945	0.0358282	0.20964716	2.8063601	21	10 26.4	20.5
524825 2003 YU_{69}	17.6	X	8.30999	298.37976	155.92439	5.82142	0.0939838	0.28565925	2.2833397	21	—	—
524826 2003 YJ_{85}	16.3	X	6.08737	310.17199	101.94857	13.77848	0.1474997	0.22197677	2.7014547	21	—	—
524827 2003 YC_{87}	18.2	X	308.34544	349.96959	88.92584	4.50137	0.2632283	0.27081888	2.3660110	21	11 14.7	19.3
524828 2003 YL_{98}	15.3	X	134.09644	297.58337	91.90768	22.29062	0.0781973	0.18194654	3.0844201	21	2 21.3	20.1
524829 2003 YT_{121}	17.7	X	217.69720	21.49256	77.50655	7.66083	0.0958732	0.26067057	2.4270276	21	8 14.7	21.2
524830 2003 YE_{145}	16.5	X	98.16155	67.23084	67.47154	13.63063	0.1449373	0.18614947	3.0378163	21	5 22.9	20.8
524831 2003 YA_{157}	17.4	X	175.33864	359.28333	175.27387	5.65605	0.1894349	0.26414136	2.4057202	21	10 1.3	21.3
524832 2003 YE_{162}	15.8	X	226.71713	328.95628	66.53359	21.21579	0.1462585	0.19694758	2.9257392	21	5 26.8	20.2
524833 2003 YA_{170}	16.2	X	274.75259	229.58304	66.40720	12.68629	0.0876416	0.18572744	3.0424165	21	3 29.4	20.8
524834 2003 YL_{179}	7.3	X	115.30359	78.14875	262.16606	2.53298	0.0032699	0.00409697	38.6806934	21	12 28.5	23.2
524835 2004 AB_{14}	17.0	X	142.56907	353.02232	120.05722	6.32724	0.2014938	0.19145805	2.9814003	21	6 16.2	21.9
524836 2004 AS_{17}	16.7	X	68.34456	27.19321	279.48449	4.79839	0.0403734	0.20997596	2.8034297	21	11 7.3	20.6
524837 2004 AE_{20}	15.6	X	168.13721	53.12665	313.62490	13.53945	0.0507662	0.17887574	3.1196204	21	2 20.5	20.3
524838 2004 AB_{22}	17.4	X	302.84078	141.16580	305.64585	5.88405	0.0734754	0.26899666	2.3766841	21	11 27.5	20.0
524839 2004 AD_{22}	18.0	X	331.96884	280.89753	309.75284	2.59103	0.1161295	0.29320460	2.2439966	21	2 17.9	20.3
524840 2004 AY_{22}	16.2	X	239.42083	238.67182	124.00020	11.41028	0.1190007	0.19075517	2.9887196	21	5 5.7	21.0
524841 2004 AY_{23}	16.2	X	218.70739	250.25066	128.29788	10.66856	0.0689154	0.18903878	3.0067831	21	5 6.6	20.9
524842 2004 AH_{24}	15.7	X	349.43985	346.91954	287.94009	7.67145	0.0632217	0.19186915	2.9771402	21	6 7.6	19.5
524843 2004 BR_{24}	16.6	X	135.24898	350.80717	121.55808	5.71013	0.1844747	0.18937675	3.0032047	21	6 7.8	21.4
524844 2004 BW_{24}	15.9	X	132.66809	325.60260	131.88183	10.62495	0.0901511	0.18675552	3.0312406	21	5 12.1	20.6
524845 2004 BC_{61}	16.1	X	154.00995	133.05789	291.01072	11.39452	0.0904947	0.18666581	3.0322118	21	4 14.9	21.0
524846 2004 BA_{68}	17.7	X	243.07205	214.71587	302.16914	18.71984	0.0717178	0.38083585	1.8849977	21	—	—
524847 2004 BB_{100}	16.8	X	118.30371	134.20430	320.10529	10.54911	0.0668558	0.18349601	3.0670319	21	4 9.8	21.4
524848 2004 BT_{100}	17.9	X	204.76727	70.92736	124.23486	5.41922	0.1319031	0.26688399	2.3892103	21	11 30.0	21.3
524849 2004 BG_{127}	17.1	X	320.87921	316.44911	92.83687	3.24116	0.0553052	0.20927922	2.8096484	21	10 26.7	20.6
524850 2004 BQ_{130}	15.2	X	342.73386	287.91279	292.64012	8.19232	0.0878715	0.12403487	3.9820513	21	3 21.8	20.6
524851 2004 BY_{131}	16.0	X	2.46732	146.31588	129.42870	14.06158	0.0172554	0.19371206	2.9582278	21	6 29.3	20.1
524852 2004 BY_{135}	16.6	X	165.48538	76.81137	324.68975	8.43976	0.1908411	0.18608127	3.0385585	21	4 6.4	21.7
524853 2004 BP_{136}	17.9	X	10.77663	298.82055	112.31484	6.99372	0.1141326	0.27469600	2.3436953	21	—	—
524854 2004 BX_{136}	17.0	X	1.43929	62.06265	319.77831	3.75307	0.1175894	0.21222723	2.7835689	21	11 22.8	20.2
524855 2004 BC_{144}	16.7	X	220.95124	54.14446	329.89577	3.12200	0.1022125	0.18989431	2.9977454	21	5 8.6	21.3
524856 2004 BS_{153}	16.7	X	145.72562	316.86403	119.12135	12.20578	0.1366821	0.18714639	3.0270186	21	5 4.8	21.6
524857 2004 BO_{163}	16.5	X	77.07094	204.10181	100.48755	4.16951	0.1785886	0.21129107	2.7917849	21	12 4.1	20.6
524858 2004 BU_{163}	16.8	X	190.91396	281.34388	149.39552	14.83941	0.0839094	0.19131337	2.9829033	21	6 8.4	21.6
524859 2004 CE_{16}	17.0	X	154.31044	66.15492	143.81613	12.57137	0.1021334	0.20287432	2.8684767	21	10 24.7	21.6
524860 2004 CH_{16}	16.9	X	145.82660	312.20153	142.79963	11.21985	0.1019587	0.18622396	3.0370061	21	5 23.7	21.7
524861 2004 CS_{16}	15.6	X	65.72978	190.56358	336.23799	7.33606	0.2128237	0.12562942	3.9482849	21	6 1.8	20.9
524862 2004 CX_{25}	17.3	X	172.07993	15.88622	218.70763	1.53628	0.1678275	0.26644403	2.3918396	21	12 12.3	20.8
524863 2004 CZ_{30}	16.0	X	245.50181	18.33662	297.45492	8.41429	0.0091619	0.18110204	3.0940013	21	3 17.9	20.5
524864 2004 CS_{32}	16.6	X	7.43564	272.74120	122.20265	6.18579	0.0696952	0.21423147	2.7661807	21	12 15.6	20.1
524865 2004 CB_{34}	18.1	X	251.52079	248.51423	273.72810	1.36559	0.1666395	0.26792659	2.3830080	21	12 9.3	20.9
524866 2004 CX_{46}	16.1	X	286.94647	157.09691	125.00659	12.25374	0.1135052	0.17838495	3.1253397	21	3 21.7	20.7
524867 2004 CC_{47}	18.0	X	272.35211	29.47195	48.98926	3.28808	0.2076765	0.26198035	2.4189315	21	9 8.0	20.8
524868 2004 CN_{52}	18.3	X	264.83847	46.86056	143.58680	23.32879	0.0964892	0.38789048	1.8620727	21	—	—
524869 2004 CW_{87}	17.2	X	241.59029	59.15571	64.46455	7.61156	0.0279229	0.20627339	2.8368775	21	10 19.7	21.1
524870 2004 CV_{89}	17.8	X	316.08982	60.76482	359.35252	4.40070	0.1638863	0.26698728	2.3885940	21	11 6.6	19.8
524871 2004 CH_{116}	18.8	X	244.53313	70.08848	78.86633	2.16825	0.1353243	0.26684628	2.3894353	21	11 16.6	21.7
524872 2004 CN_{121}	16.3	X	43.99708	288.70045	335.61385	8.17180	0.0380632	0.19441643	2.9510783	21	8 13.2	20.3
524873 2004 DA_{1}	18.3	X	308.16817	226.35005	332.40759	23.35250	0.0275211	0.39591901	1.8368139	21	—	—
524874 2004 DZ_{5}	17.9	X	215.78954	155.15426	345.93967	4.84550	0.1622144	0.25940098	2.4349403	21	9 27.1	21.5
524875 2004 DP_{17}	16.4	X	206.13808	199.67482	273.65005	7.71701	0.1271086	0.19739403	2.9213261	21	8 10.2	21.1
524876 2004 DE_{19}	17.1	X	2.34062	115.41552	140.56802	17.19153	0.2316314	0.23299842	2.6155763	21	5 31.3	19.7
524877 2004 DP_{30}	16.3	X	64.63989	166.81479	0.17084	6.63370	0.1479032	0.18133594	3.0913401	21	5 17.8	20.3
524878 2004 DG_{74}	16.6	X	219.83566	106.53238	331.98038	11.86093	0.1090061	0.19449249	2.9503089	21	7 17.9	21.2
524879 2004 DH_{74}	16.8	X	116.07029	275.15846	332.91289	10.25190	0.0337837	0.20282766	2.8689166	21	10 17.6	21.1
524880 2004 DM_{77}	18.4	X	239.12431	154.98190	343.07354	1.17299	0.1652720	0.26213445	2.4179834	21	10 19.9	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524881 2004 ES_{22}	16.4	X	232.65085	251.36879	174.20130	7.76091	0.0548186	0.19135071	2.9825151	21	7 17.3	20.8
524882 2004 EQ_{23}	18.6	X	251.29862	209.02315	353.72620	28.06140	0.1380099	0.32812472	2.0818212	21	—	—
524883 2004 ED_{29}	15.9	X	339.19038	341.08783	228.55891	7.27600	0.0121262	0.17434427	3.1734446	21	3 4.7	20.5
524884 2004 EP_{42}	17.9	X	295.72273	179.42646	26.63549	19.56232	0.0476130	0.39125566	1.8513803	21	—	—
524885 2004 ED_{67}	17.5	X	163.56185	242.42992	8.94528	2.45062	0.1494862	0.26366525	2.4086154	21	12 25.4	21.1
524886 2004 EX_{97}	17.5	X	162.31529	346.41957	156.56506	7.08358	0.1403492	0.19220379	2.9736836	21	8 6.1	22.2
524887 2004 EC_{99}	17.3	X	337.78559	292.90067	356.21700	3.30457	0.1019834	0.24086012	2.5583470	21	6 2.8	20.2
524888 2004 EN_{102}	16.5	X	333.94884	280.72963	36.34949	3.41762	0.0784351	0.18860057	3.0114389	21	7 10.7	20.3
524889 2004 EQ_{102}	16.2	X	146.12234	264.48293	163.61680	10.91707	0.0678850	0.17842507	3.1248713	21	4 18.2	20.9
524890 2004 ER_{103}	16.2	X	65.18897	131.41884	11.24807	9.84504	0.0862550	0.17675869	3.1444802	21	4 9.9	20.3
524891 2004 EA_{107}	18.1	X	144.52844	291.46623	343.61691	0.89342	0.1699813	0.26332338	2.4106996	21	—	—
524892 2004 EZ_{107}	16.7	X	357.57128	288.71974	16.06991	1.47957	0.0379241	0.19011787	2.9953949	21	7 31.2	20.6
524893 2004 EN_{108}	17.1	X	336.08973	87.63258	304.29974	1.63365	0.0476984	0.20194538	2.8772666	21	10 22.9	20.9
524894 2004 EM_{109}	17.2	X	201.72639	266.60005	180.54732	8.96689	0.1159991	0.19058013	2.9905493	21	7 6.1	22.0
524895 2004 FT_{10}	15.8	X	312.31338	103.06109	132.34389	19.51688	0.1367146	0.17688271	3.1430102	21	2 17.7	20.1
524896 2004 FF_{21}	17.9	X	202.64294	25.62240	188.79919	4.78690	0.2586980	0.26347422	2.4097795	21	12 8.1	21.8
524897 2004 FX_{21}	17.3	X	101.00703	253.31893	261.67370	4.48847	0.1933578	0.24142778	2.5543352	21	6 26.1	20.8
524898 2004 FE_{28}	16.4	X	343.97070	339.68126	277.86081	12.93191	0.2281188	0.23233167	2.6205781	21	4 5.4	19.5
524899 2004 FF_{28}	16.6	X	140.96808	134.10365	1.27227	11.31848	0.0954348	0.18870058	3.0103747	21	7 6.4	21.3
524900 2004 FB_{32}	17.2	X	172.74779	137.74473	86.39065	14.46564	0.4930951	0.20295869	2.8676817	21	11 17.4	23.2
524901 2004 FG_{40}	15.7	X	64.82576	171.12726	358.69476	27.24947	0.0909412	0.17926224	3.1151348	21	5 1.9	20.4
524902 2004 FQ_{41}	17.9	X	91.92306	194.97649	38.74857	5.36274	0.1235007	0.30513322	2.1851255	21	9 27.8	20.7
524903 2004 FN_{47}	16.3	X	191.26721	38.01189	160.43667	15.60160	0.0805903	0.20416953	2.8563325	21	11 17.6	20.8
524904 2004 FQ_{53}	16.0	X	110.24231	95.50505	6.22219	11.37474	0.0640907	0.17854729	3.1234451	21	4 12.6	20.5
524905 2004 FX_{53}	16.5	X	59.09310	187.28900	59.18579	2.93259	0.0350294	0.19121187	2.9839588	21	8 9.7	20.5
524906 2004 FM_{59}	17.1	X	146.87358	245.57307	26.61978	5.69161	0.1906657	0.26159549	2.4213034	21	—	—
524907 2004 FW_{70}	15.9	X	171.35973	245.72279	99.66635	2.50242	0.1087928	0.16713870	3.2640092	21	2 7.6	20.9
524908 2004 FC_{72}	18.0	X	168.86105	180.41187	83.82750	0.56447	0.1738448	0.26517084	2.3994896	21	—	—
524909 2004 FN_{72}	16.7	X	272.06840	261.32696	173.76041	12.10652	0.0560293	0.19847075	2.9107509	21	9 19.2	20.6
524910 2004 FV_{74}	17.8	X	175.06749	20.52741	258.52643	1.75361	0.2240635	0.26722826	2.3871578	21	—	—
524911 2004 FL_{78}	16.8	X	186.04021	57.50945	4.71146	16.85190	0.2366053	0.18524178	3.0477318	21	5 16.5	22.3
524912 2004 FM_{78}	17.1	X	179.61317	272.54124	182.53176	3.34228	0.1078228	0.18719380	3.0265074	21	6 24.7	21.9
524913 2004 FO_{79}	17.3	X	161.27052	68.02241	180.67126	13.22095	0.1560067	0.26238983	2.4164142	21	12 19.6	21.4
524914 2004 FT_{82}	17.5	X	153.02078	100.08462	120.11604	6.06052	0.1493101	0.25798049	2.4438702	21	11 8.8	21.4
524915 2004 FR_{94}	15.9	X	93.55286	66.62845	61.80853	10.90788	0.2223978	0.18135499	3.0911236	21	5 20.1	20.3
524916 2004 FU_{114}	16.1	X	111.19242	294.45508	161.32596	9.56634	0.0713051	0.17495161	3.1660960	21	4 12.4	20.7
524917 2004 FH_{118}	16.9	X	207.64121	334.14895	172.68348	10.62722	0.1610145	0.19917317	2.9039034	21	9 22.9	21.6
524918 2004 FC_{123}	17.9	X	263.63989	92.43111	73.39301	0.46283	0.0582988	0.26760967	2.3848891	21	—	—
524919 2004 FA_{133}	16.8	X	33.80593	203.00440	63.54240	6.03261	0.2291703	0.24294688	2.5436762	21	9 3.8	19.5
524920 2004 FX_{151}	16.3	X	181.15503	124.34180	346.90119	17.08623	0.1017988	0.19324157	2.9630275	21	7 21.8	21.1
524921 2004 FJ_{156}	16.2	X	128.33174	265.50476	176.71229	10.58543	0.0624125	0.17668373	3.1453695	21	4 13.8	20.8
524922 2004 FL_{158}	18.2	X	234.08659	287.87216	211.31200	1.64826	0.1469619	0.26003103	2.4310055	21	10 17.9	21.4
524923 2004 GN_{7}	17.7	X	208.12032	190.70603	32.35092	6.89041	0.0670032	0.26766651	2.3845514	21	—	—
524924 2004 GV_{7}	17.6	X	225.78925	152.36071	19.19037	22.31387	0.0412515	0.37455523	1.9060113	21	—	—
524925 2004 GP_{34}	17.9	X	214.17467	352.26959	221.27966	1.66506	0.1578241	0.26439217	2.4041985	21	12 29.2	21.2
524926 2004 GS_{51}	18.0	X	261.77996	20.94055	120.19029	2.07888	0.1303564	0.26291299	2.4132076	21	11 30.8	20.8
524927 2004 GD_{54}	18.3	X	199.44960	358.80136	203.32502	6.14999	0.0862084	0.26055170	2.4277657	21	12 6.4	21.6
524928 2004 GX_{54}	18.0	X	336.61203	314.69196	7.52620	4.11547	0.1208339	0.29927594	2.2135441	21	7 23.1	19.8
524929 2004 GH_{56}	16.3	X	69.00563	53.37714	210.23900	14.35881	0.2197607	0.18984516	2.9982628	21	10 7.6	20.7
524930 2004 GN_{61}	16.2	X	249.38491	350.36159	27.20402	15.89803	0.0709162	0.18263581	3.0766547	21	6 1.8	20.9
524931 2004 GO_{62}	18.4	X	262.36791	300.11891	214.84491	1.17302	0.1390734	0.26524342	2.3990519	21	12 19.8	21.1
524932 2004 GK_{66}	18.1	X	180.04220	25.26359	205.02158	5.01692	0.1839201	0.26061423	2.4273774	21	12 12.6	21.9
524933 2004 GC_{67}	17.0	X	159.39919	276.43391	206.13503	21.73708	0.0132828	0.24182903	2.5515090	21	6 30.9	20.9
524934 2004 GR_{70}	16.6	X	124.71957	337.78951	194.23332	11.58235	0.1541250	0.18614375	3.0378785	21	8 4.3	21.5
524935 2004 GA_{77}	16.0	X	116.29072	77.08377	67.93905	26.33133	0.2747344	0.18497257	3.0506883	21	7 6.1	21.3
524936 2004 GW_{79}	17.6	X	275.95126	248.02736	197.79506	21.18797	0.2922110	0.26095212	2.4252816	21	9 3.2	20.8
524937 2004 HN_{8}	16.7	X	349.23429	199.64308	56.01824	15.08565	0.2173802	0.23155174	2.6264594	21	4 27.4	19.1
524938 2004 HO_{19}	17.4	X	184.85438	197.79229	12.94886	1.98464	0.1676565	0.25981946	2.4323250	21	11 23.5	21.0
524939 2004 HA_{21}	16.0	X	50.73443	189.27031	68.13596	11.41499	0.0701134	0.18553435	3.0445270	21	8 21.1	20.3
524940 2004 HP_{22}	17.7	X	119.17271	40.32157	251.10449	0.83135	0.1703926	0.25808758	2.4431941	21	—	—
524941 2004 HB_{24}	16.2	X	248.22578	173.93257	226.54810	9.89453	0.0803580	0.18460480	3.0547386	21	6 30.7	20.8
524942 2004 HR_{26}	17.0	X	334.53173	184.90215	82.19823	6.38851	0.2458097	0.23056388	2.6339561	21	4 9.4	19.8
524943 2004 HY_{26}	18.5	X	175.85329	238.73477	45.16215	11.70923	0.4532093	0.26159519	2.4213052	21	—	—
524944 2004 HB_{32}	17.8	X	63.02944	111.39366	168.97277	3.63458	0.1551403	0.30511002	2.1852363	21	10 30.4	20.5
524945 2004 HE_{35}	16.3	X	328.28609	207.54574	84.82459	20.84561	0.2825241	0.23011166	2.6374059	21	5 4.6	19.5
524946 2004 HL_{46}	16.9	X	49.64087	40.37310	207.23522	10.75962	0.0288947	0.18543768	3.0455850	21	7 24.2	21.3
524947 2004 HR_{47}	15.7	X	33.30608	241.50976	90.44769	23.07475	0.2560815	0.18842703	3.0132876	21	11 28.0	19.7
524948 2004 HG_{57}	17.1	X	153.82420	145.07997	59.47532	7.27174	0.1690957	0.19456897	2.9495358	21	10 15.6	22.0
524949 2004 HR_{74}	16.3	X	155.71461	273.90321	234.64427	20.95749	0.0325262	0.24168907	2.5524939	21	7 27.9	20.3
524950 2004 JZ	16.7	X	350.68735	201.79435	80.17222	13.30983	0.1699059	0.23389931	2.6088559	21	6 12.1	19.1
524951 2004 JT_{25}	17.3	X	161.80962	68.50129	232.04648	8.10780	0.2633153	0.26227997	2.4170890	21	—	—
524952 2004 JQ_{31}	16.6	X	19.90558	190.72114	58.44453	32.68260	0.0762644	0.23541953	2.5976127	21	6 12.4	20.0
524953 2004 JF_{38}	15.9	X	133.82406	60.52181	83.58520	21.75772	0.0690666	0.18158154	3.0885520	21	7 4.7	20.6
524954 2004 JO_{39}	15.9	X	139.47862	31.77078	86.50048	16.74168	0.0523864	0.17798213	3.1300537	21	6 8.6	20.4
524955 2004 JG_{48}	16.4	X	171.56485	264.21264	207.87561	5.51092	0.0480208	0.18158497	3.0885131	21	7 6.1	21.0
524956 2004 JS_{54}	17.1	X	201.56226	7.65861	224.01029	14.03592	0.0477348	0.26135068	2.4228152	21	—	—
524957 2004 JY_{55}	17.4	X	195.49699	303.01095	289.72566	3.55278	0.1897519	0.26171890	2.4205422	21	12 29.6	21.1
524958 2004 KF_{7}	18.0	X	169.96400	62.12424	175.09432	1.37972	0.1539777	0.25772917	2.4454587	21	12 13.0	21.6
524959 2004 KJ_{12}	16.8	X	271.04009	237.27198	70.54175	13.78028	0.2604771	0.22281821	2.6946493	21	3 17.9	21.4
524960 2004 KN_{16}	16.0	X	289.11943	277.13515	92.17883	24.43230	0.1549022	0.17959286	3.1113104	21	7 1.6	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
524961 2004 LP_{11}	17.7	X	189.05777	186.66253	57.44812	3.12695	0.1551550	0.26069064	2.4269030	21	—	—
524962 2004 LS_{14}	17.1	X	333.79300	180.27568	159.41961	10.11395	0.1535524	0.23731264	2.5837796	21	8 5.8	19.6
524963 2004 LH_{23}	17.6	X	174.85550	31.56411	286.00415	17.76315	0.0976625	0.38043782	1.8863123	21	—	—
524964 2004 LK_{23}	17.4	X	263.27786	197.63788	88.95848	10.12452	0.3919781	0.21555194	2.7548720	21	2 1.9	22.6
524965 2004 MN_{6}	15.7	X	48.65967	119.02176	109.73217	27.63858	0.0905747	0.17836562	3.1255656	21	7 9.1	19.7
524966 2004 NS_{13}	16.8	X	19.60462	196.54429	129.72795	10.97138	0.2132706	0.23878778	2.5731276	21	11 2.4	19.8
524967 2004 NW_{13}	16.4	X	75.37214	352.15651	267.16325	3.66078	0.1284194	0.23978919	2.5659587	21	10 2.0	20.0
524968 2004 NZ_{19}	18.3	X	292.16810	165.72310	167.23413	4.32331	0.2998641	0.28255373	2.3000398	21	4 22.9	21.5
524969 2004 NB_{24}	16.8	X	257.95615	213.97236	134.42913	14.07012	0.2007734	0.22162930	2.7042775	21	4 28.1	21.3
524970 2004 NX_{25}	16.6	X	12.71084	354.07040	284.57348	11.89643	0.1556868	0.23209300	2.6223743	21	7 23.9	19.3
524971 2004 NE_{30}	16.6	X	36.27502	300.88409	64.73935	11.82278	0.2221031	0.24587211	2.5234606	21	—	—
524972 2004 PV_{18}	17.9	X	243.96644	287.10307	320.76840	18.01355	0.0594237	0.37800641	1.8943924	21	—	—
524973 2004 PY_{22}	17.1	X	334.61049	202.48541	131.24054	12.84856	0.2011052	0.23106138	2.6301740	21	7 25.2	19.3
524974 2004 PX_{27}	18.4	X	302.66788	45.68709	330.69477	22.16167	0.4939180	0.28642120	2.2792884	21	5 31.0	22.1
524975 2004 PY_{30}	18.1	X	325.79293	41.95369	315.18756	5.87789	0.1998837	0.28989545	2.2610411	21	8 17.1	19.4
524976 2004 PD_{41}	16.9	X	258.74737	278.20294	41.62513	8.55906	0.2452713	0.21761590	2.7374254	21	3 19.5	21.5
524977 2004 PJ_{41}	18.0	X	354.35534	192.19423	144.53719	20.91457	0.2170001	0.34960482	1.9956503	21	10 28.1	19.7
524978 2004 PF_{42}	16.6	X	247.95389	348.38433	309.62865	13.41708	0.1665394	0.21231200	2.7828280	21	2 12.9	21.2
524979 2004 PU_{48}	16.4	X	276.37434	229.00413	110.30512	9.89016	0.2645045	0.22224100	2.6993131	21	4 26.8	20.7
524980 2004 PA_{55}	17.0	X	345.60883	143.16258	139.52031	13.74649	0.2259128	0.22604896	2.6689128	21	5 31.4	19.7
524981 2004 PM_{57}	17.0	X	266.68409	56.33828	258.78174	2.55137	0.2582909	0.21748467	2.7385265	21	3 14.8	21.6
524982 2004 PH_{65}	16.4	X	69.31942	246.21282	49.04190	5.27693	0.1601615	0.18307259	3.0717592	21	11 8.2	20.8
524983 2004 PF_{70}	17.3	X	281.34733	7.06120	321.14793	10.76189	0.2787683	0.28051602	2.3111649	21	4 1.4	21.0
524984 2004 PP_{72}	17.4	X	16.09374	317.14237	302.55256	9.70423	0.0957434	0.28697000	2.2763815	21	6 29.8	19.5
524985 2004 PA_{76}	16.0	X	356.62205	172.55675	151.94103	16.20145	0.2720412	0.17542524	3.1603948	21	8 29.9	18.7
524986 2004 PH_{78}	17.0	X	259.45496	63.16723	311.23079	12.85091	0.3344545	0.22141270	2.7060409	21	5 9.7	21.9
524987 2004 PH_{84}	17.2	X	266.42016	75.96505	332.67050	14.08014	0.3071536	0.22468579	2.6796967	21	7 7.2	21.5
524988 2004 PV_{102}	16.6	X	236.12432	203.35148	179.57166	13.70168	0.2866973	0.21716849	2.7411839	21	5 12.2	21.5
524989 2004 PF_{110}	16.6	X	325.14670	246.77290	123.26304	14.42534	0.1153694	0.23568110	2.5956903	21	9 13.1	19.6
524990 2004 PP_{111}	18.2	X	302.30463	342.63971	358.22057	5.81378	0.3014155	0.28342252	2.2953371	21	5 12.6	21.1
524991 2004 PL_{113}	15.6	X	336.31478	43.95960	311.22871	12.16201	0.1468656	0.17520373	3.1630580	21	8 26.5	19.3
524992 2004 QH_{2}	16.9	X	203.77342	337.50315	27.35107	10.05429	0.2986737	0.21126197	2.7920413	21	3 29.2	22.0
524993 2004 QW_{5}	18.1	X	293.69848	109.39075	282.62726	6.21626	0.2317809	0.28828777	2.2694393	21	7 29.3	20.3
524994 2004 QL_{29}	16.7	X	338.06135	265.52825	90.20166	13.11116	0.1838091	0.23197079	2.6232953	21	9 16.9	19.4
524995 2004 RS_{15}	17.0	X	259.60018	21.64583	0.15966	7.80254	0.3043833	0.22183021	2.7026445	21	5 23.7	21.6
524996 2004 RE_{17}	18.4	X	308.33833	157.34017	175.85266	4.02857	0.2571530	0.28349635	2.2949386	21	5 21.2	20.8
524997 2004 RG_{20}	17.5	X	289.56758	48.44268	336.87557	10.47980	0.2112096	0.22706765	2.6609244	21	7 18.3	20.9
524998 2004 RN_{24}	18.7	X	155.48045	205.48519	175.67385	23.01576	0.0823952	0.38086134	1.8849136	21	1 21.6	21.1
524999 2004 RO_{45}	17.1	X	218.43252	1.09227	351.80031	9.30317	0.2270157	0.21213487	2.7843768	21	3 23.3	22.0
525000 2004 RJ_{55}	17.1	X	220.82931	185.64539	160.23325	10.96217	0.2687859	0.21106685	2.7937618	21	3 18.4	22.0
525001 2004 RH_{57}	18.6	X	294.61170	146.10344	214.50068	3.59123	0.2324050	0.28379078	2.2933510	21	6 13.5	21.3
525002 2004 RA_{65}	17.3	X	224.94968	343.86756	358.27176	6.57853	0.2798082	0.21140906	2.7907461	21	3 15.6	22.4
525003 2004 RY_{65}	18.3	X	287.98314	352.17406	344.58176	5.72753	0.2621245	0.27984486	2.3148587	21	4 24.9	21.7
525004 2004 RL_{70}	17.5	X	74.63831	327.00494	7.94519	5.56360	0.1359903	0.24456388	2.5324517	21	—	—
525005 2004 RW_{70}	16.9	X	217.69077	209.81785	159.74659	8.13708	0.2056549	0.21322379	2.7748890	21	4 15.4	21.7
525006 2004 RJ_{88}	17.1	X	7.02388	2.43023	351.66473	13.96149	0.2663947	0.23481519	2.6020677	21	11 15.7	19.9
525007 2004 RD_{96}	17.1	X	272.21026	11.57503	316.50606	8.92126	0.2000035	0.21872129	2.7281946	21	4 7.2	21.4
525008 2004 RU_{97}	17.2	X	17.68249	192.35025	173.71653	15.07119	0.1834486	0.23977345	2.5660709	21	12 15.5	20.5
525009 2004 RK_{112}	17.0	X	231.37840	102.31129	329.95346	20.71971	0.3422739	0.27722224	2.3294354	21	7 5.9	21.4
525010 2004 RS_{118}	17.7	X	220.70102	265.47967	159.97891	11.91236	0.2336622	0.22094545	2.7098547	21	6 21.9	22.5
525011 2004 RD_{119}	16.4	X	289.11723	91.39674	344.33381	21.94968	0.0663505	0.23654023	2.5894014	21	10 6.8	20.0
525012 2004 RS_{120}	17.3	X	273.32410	306.39058	355.26146	4.46695	0.0587986	0.21419837	2.7664656	21	3 27.8	21.0
525013 2004 RZ_{124}	17.5	X	255.01859	30.30877	304.63366	3.30677	0.1051712	0.21578333	2.7529023	21	4 10.9	21.6
525014 2004 RH_{126}	16.7	X	347.02768	176.65059	180.50761	7.74202	0.1069459	0.17429806	3.1740055	21	9 20.8	20.6
525015 2004 RX_{126}	17.7	X	237.66033	124.77453	273.89642	1.44446	0.0740852	0.22199035	2.7013446	21	6 17.1	21.4
525016 2004 RT_{129}	18.4	X	91.48136	297.41280	352.14063	1.20747	0.1349128	0.30077791	2.2061689	21	12 9.4	21.5
525017 2004 RZ_{129}	17.4	X	258.97063	315.38055	164.80367	5.13361	0.0727728	0.23886224	2.5725928	21	11 3.9	20.6
525018 2004 RW_{133}	16.8	X	209.94541	275.86631	163.90441	22.03353	0.0330900	0.22436890	2.6822193	21	7 11.0	21.0
525019 2004 RH_{134}	17.3	X	103.09307	207.61158	82.95032	1.60560	0.1196503	0.24415196	2.5352993	21	12 12.4	20.9
525020 2004 RA_{142}	16.6	X	335.20828	338.72534	5.20385	12.56729	0.1172776	0.22891511	2.6465884	21	8 23.7	19.6
525021 2004 RK_{142}	17.2	X	208.73394	57.72556	343.04951	7.28171	0.2182942	0.21543902	2.7558345	21	5 10.5	22.0
525022 2004 RG_{146}	17.5	X	126.88884	167.24718	162.09434	15.91212	0.2064957	0.25309031	2.4752498	21	—	—
525023 2004 RQ_{149}	17.0	X	233.77806	353.99574	354.82239	13.89509	0.1994460	0.21343959	2.7730182	21	3 30.3	21.6
525024 2004 RK_{151}	17.1	X	25.28895	124.77034	175.05566	10.64954	0.1302546	0.23226675	2.6210664	21	9 16.3	19.9
525025 2004 RC_{162}	18.6	X	291.24074	61.88387	277.57956	7.32411	0.2756743	0.28147111	2.3059338	21	4 30.2	21.8
525026 2004 RL_{164}	17.8	X	234.51285	232.17768	118.58133	10.14935	0.3362490	0.21376898	2.7701690	21	4 2.9	23.0
525027 2004 RH_{165}	17.2	X	305.78958	191.44599	189.15583	23.70669	0.2577922	0.28712979	2.2755369	21	7 25.1	19.9
525028 2004 RT_{166}	17.8	X	316.21180	124.82645	282.15795	2.42830	0.1379577	0.23512708	2.5997662	21	10 12.5	20.6
525029 2004 RU_{166}	16.1	X	28.31868	3.33407	329.02383	8.63771	0.1011505	0.17865704	3.1221658	21	10 19.2	20.3
525030 2004 RE_{167}	16.8	X	66.73647	176.41209	130.58310	6.91204	0.1860790	0.24054230	2.5606000	21	12 2.7	20.6
525031 2004 RP_{178}	17.1	X	306.79143	191.47577	227.80896	7.13905	0.1504300	0.23382820	2.6093848	21	10 10.8	20.0
525032 2004 RT_{186}	16.7	X	224.65634	348.63855	346.88970	22.36993	0.2331567	0.21002678	2.8029775	21	3 8.6	21.4
525033 2004 RN_{193}	18.0	X	194.14215	98.94667	207.86095	13.89312	0.4510308	0.26272058	2.4143857	21	1 11.1	23.1
525034 2004 RZ_{197}	17.5	X	233.02740	133.63782	212.61633	11.35169	0.3914285	0.21257263	2.7805529	21	3 19.4	22.9
525035 2004 RF_{204}	16.3	X	279.07629	104.46041	330.07960	9.16842	0.0662851	0.17559238	3.1583889	21	9 20.8	20.8
525036 2004 RU_{220}	16.2	X	272.50554	95.29630	268.87427	8.18771	0.3720351	0.22005677	2.7171455	21	5 6.8	20.7
525037 2004 RF_{223}	16.7	X	13.78827	305.47235	91.16505	13.62790	0.2656673	0.23984321	2.5655733	21	—	—
525038 2004 RV_{224}	17.1	X	297.52820	70.55699	336.17595	16.72513	0.1881840	0.23229834	2.6208288	21	8 31.9	20.1
525039 2004 RM_{229}	17.4	X	214.98110	43.34586	7.47286	9.93358	0.1838008	0.21531082	2.7569284	21	5 29.7	22.1
525040 2004 RE_{230}	16.9	X	85.76539	53.16814	245.49899	1.53708	0.2921448	0.18244913	3.0787530	21	12 11.1	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525041 2004 RR_{234}	17.3	X	337.52040	244.93553	165.44220	5.38316	0.2705506	0.23802827	2.5785983	21	12 9.9	19.1
525042 2004 RD_{239}	17.6	X	256.95567	104.45197	338.25046	2.76878	0.1955619	0.22823046	2.6518786	21	8 22.4	21.4
525043 2004 RR_{240}	16.6	X	60.91416	130.61565	174.60941	11.67764	0.0916565	0.17928129	3.1149141	21	11 2.9	21.1
525044 2004 RQ_{244}	18.0	X	131.88759	103.90093	149.91062	3.80183	0.0464850	0.29966213	2.2116419	21	12 4.3	20.7
525045 2004 RB_{248}	17.5	X	265.42699	193.14927	204.81449	25.29214	0.2493352	0.28255878	2.3000124	21	6 23.1	21.4
525046 2004 RE_{251}	17.7	X	237.67316	48.73489	321.37626	7.03148	0.2516501	0.21606543	2.7505056	21	4 24.5	22.6
525047 2004 RJ_{253}	17.8	X	156.21903	234.17672	16.74374	19.78347	0.0815729	0.36340635	1.9447974	21	—	—
525048 2004 RQ_{256}	17.1	X	3.03647	354.33353	323.77132	1.82563	0.1438191	0.23091641	2.6312747	21	9 3.2	19.5
525049 2004 RO_{272}	17.8	X	211.18088	38.08887	356.68402	7.60027	0.2385649	0.21515363	2.7582710	21	5 4.7	22.8
525050 2004 RP_{275}	18.2	X	340.22712	41.25826	337.66419	19.40914	0.0769608	0.35365987	1.9803663	21	10 29.9	20.5
525051 2004 RU_{279}	18.0	X	67.98064	53.30455	196.50913	3.00842	0.1466791	0.28977038	2.2616916	21	9 18.9	20.7
525052 2004 RN_{280}	18.3	X	309.04236	111.77205	342.04040	6.07863	0.0932813	0.29954109	2.2122376	21	12 28.3	20.4
525053 2004 RP_{294}	17.5	X	284.74283	229.51406	209.11057	2.39240	0.0432712	0.23477605	2.6023569	21	10 17.2	20.7
525054 2004 RM_{297}	18.6	X	260.88105	267.78574	164.67467	3.12817	0.1394117	0.28692805	2.2766034	21	8 25.1	21.1
525055 2004 RR_{297}	17.7	X	82.99392	138.85930	176.25272	4.00115	0.1996924	0.24389000	2.5371144	21	12 28.8	21.7
525056 2004 RD_{304}	17.3	X	118.87672	81.35179	183.80344	16.10040	0.2313158	0.18610042	3.0383500	21	11 26.9	22.7
525057 2004 RV_{307}	18.1	X	305.55511	131.49302	190.39474	22.34514	0.2439578	0.28031686	2.3122595	21	5 4.2	21.1
525058 2004 RZ_{311}	18.4	X	350.82946	19.64583	352.85636	4.78536	0.1738575	0.29382960	2.2408134	21	11 16.3	20.1
525059 2004 RP_{317}	16.9	X	254.29872	107.77214	214.68100	8.94203	0.1504844	0.21391216	2.7689327	21	3 20.9	21.3
525060 2004 RR_{318}	16.1	X	77.93262	120.62593	198.47213	12.24239	0.1471105	0.18447876	3.0561298	21	12 14.2	20.9
525061 2004 RE_{319}	17.6	X	334.27411	3.16530	286.38171	5.47075	0.1643246	0.28256207	2.2999945	21	5 15.2	19.9
525062 2004 RF_{320}	18.0	X	310.88483	88.33558	252.68386	4.23227	0.1835597	0.28362889	2.2942236	21	6 19.7	20.1
525063 2004 RQ_{320}	17.5	X	27.84128	12.35153	349.45319	14.46882	0.2189503	0.23951948	2.5678846	21	12 31.0	21.1
525064 2004 RX_{320}	16.5	X	54.89690	74.58288	209.13145	11.08994	0.1746152	0.23429550	2.6059141	21	10 15.9	19.8
525065 2004 RN_{321}	18.2	X	336.08987	338.84198	341.88123	5.64443	0.2402373	0.28544638	2.2844747	21	7 3.7	19.7
525066 2004 RP_{330}	16.8	X	329.95421	292.20213	2.00731	4.81915	0.0185240	0.21954067	2.7214022	21	6 7.0	20.4
525067 2004 RS_{333}	15.9	X	338.97500	337.99908	32.95657	12.57697	0.2401391	0.17329444	3.1862484	21	9 26.8	19.0
525068 2004 RW_{334}	15.9	X	60.93124	137.83300	152.85304	23.54088	0.2093808	0.17936373	3.1139596	21	11 5.2	20.8
525069 2004 RP_{335}	19.0	X	257.51938	181.79957	234.98775	3.63526	0.2138112	0.28149417	2.3058079	21	7 17.1	22.1
525070 2004 RJ_{340}	17.1	X	10.92339	306.71596	353.90567	10.95726	0.1865968	0.23060453	2.6336466	21	8 30.7	19.6
525071 2004 RJ_{351}	18.0	X	125.38613	310.64569	348.69373	7.46088	0.1378923	0.30704695	2.1760366	21	—	—
525072 2004 RX_{352}	17.2	X	303.87000	237.12938	172.36432	12.92986	0.1502747	0.23258327	2.6186879	21	9 23.6	19.8
525073 2004 SM	17.1	X	277.18493	123.44713	265.90914	23.13969	0.2257355	0.28139092	2.3063719	21	6 29.9	20.1
525074 2004 SO_{6}	17.6	X	320.81282	21.84298	352.42612	4.13537	0.1122654	0.23010637	2.6374463	21	9 6.6	20.4
525075 2004 SQ_{7}	17.9	X	350.35266	148.07101	150.58125	2.10256	0.1565703	0.28465562	2.2887035	21	7 8.9	19.5
525076 2004 SS_{13}	15.8	X	79.93738	154.48760	168.73364	27.86856	0.1280636	0.18478436	3.0527593	21	12 20.5	20.9
525077 2004 SY_{13}	18.1	X	306.89721	329.70666	357.53868	7.54850	0.2226413	0.28138550	2.3064015	21	5 12.4	20.9
525078 2004 SK_{14}	17.0	X	247.85079	243.93900	112.82925	8.44981	0.2556052	0.21623463	2.7490705	21	4 23.3	21.7
525079 2004 SL_{15}	17.0	X	28.53462	297.90696	82.84584	6.67361	0.1475738	0.24182947	2.5515058	21	—	—
525080 2004 SS_{16}	16.6	X	321.86657	204.52166	138.34376	12.77765	0.1965754	0.22697221	2.6616703	21	7 12.0	19.5
525081 2004 SQ_{18}	17.6	X	104.96905	42.71923	192.46223	19.22784	0.0194261	0.34957287	1.9957719	21	10 8.6	19.5
525082 2004 SJ_{22}	17.3	X	177.42405	226.80064	238.19002	5.99784	0.1916801	0.22055524	2.7130500	21	7 4.7	22.0
525083 2004 SU_{24}	18.1	X	315.96813	24.52719	46.06842	5.60339	0.1105623	0.29513089	2.2342217	21	12 3.1	19.9
525084 2004 SJ_{26}	16.4	X	205.20215	87.70500	265.63417	18.67858	0.2425045	0.21009710	2.8023520	21	3 5.5	21.8
525085 2004 SA_{27}	18.4	X	208.26663	276.35912	333.06781	3.65217	0.1631278	0.31360062	2.1456133	21	—	—
525086 2004 SX_{28}	17.1	X	346.88346	358.24720	332.05594	2.49060	0.1978642	0.22912215	2.6449939	21	8 19.3	19.3
525087 2004 SQ_{31}	17.4	X	257.88949	11.44912	2.35103	13.78314	0.2589887	0.21957744	2.7210984	21	5 13.9	22.1
525088 2004 SA_{38}	17.4	X	122.41632	296.57025	323.02997	5.36578	0.0655420	0.24147177	2.5540250	21	11 19.2	21.2
525089 2004 SC_{38}	16.4	X	230.38837	139.94599	330.87302	9.40519	0.0070344	0.17435274	3.1733419	21	9 13.9	20.8
525090 2004 SL_{45}	18.2	X	77.12387	185.06280	190.00809	22.06304	0.0843833	0.36625797	1.9346897	21	—	—
525091 2004 SZ_{58}	17.7	X	335.18025	290.60773	55.58904	7.15633	0.2637771	0.28840950	2.2688006	21	8 23.5	18.8
525092 2004 SK_{60}	17.5	X	312.76769	142.66994	205.92323	2.84674	0.1224721	0.22663990	2.6642714	21	7 14.5	20.7
525093 2004 TX	17.6	X	258.96886	12.18840	13.04887	2.44240	0.3242926	0.22007401	2.7170036	21	5 27.1	22.0
525094 2004 TO_{3}	18.9	X	314.78203	146.43622	194.86136	10.69559	0.2249813	0.28328027	2.2961055	21	6 19.7	21.3
525095 2004 TX_{10}	17.9	X	279.18053	193.33671	218.75894	27.99263	0.2853375	0.28526970	2.2854179	21	7 18.6	21.6
525096 2004 TO_{16}	16.5	X	248.98407	110.21229	225.54870	18.69893	0.3071975	0.21299806	2.7768492	21	3 18.7	21.7
525097 2004 TX_{16}	18.1	X	359.54541	135.28110	219.43657	20.27403	0.1150026	0.34971813	1.9952192	21	11 13.5	19.5
525098 2004 TJ_{19}	17.2	X	263.96431	184.04296	132.43207	13.96594	0.4769922	0.21485141	2.7608570	21	3 3.6	22.6
525099 2004 TW_{23}	17.0	X	285.95876	120.41084	322.14063	1.56822	0.1022575	0.23324008	2.6137693	21	10 15.6	20.0
525100 2004 TM_{24}	17.4	X	321.87523	357.55097	2.28347	10.22735	0.0306076	0.22711167	2.6605806	21	8 28.2	20.8
525101 2004 TH_{40}	16.5	X	217.78198	144.44975	13.63991	7.93496	0.1045584	0.23418223	2.6067543	21	10 24.2	20.1
525102 2004 TS_{48}	18.1	X	348.74154	344.04486	30.55960	7.25019	0.1398031	0.29123850	2.2540845	21	11 10.9	20.1
525103 2004 TD_{50}	17.4	X	351.26546	78.10088	221.32000	22.45485	0.2716015	0.28261029	2.2997329	21	6 29.6	19.2
525104 2004 TU_{52}	17.3	X	240.07809	137.26116	220.51003	7.20868	0.2406088	0.21254793	2.7807683	21	4 14.8	22.1
525105 2004 TJ_{57}	17.5	X	315.44063	171.68522	197.03819	12.44923	0.1496317	0.22754233	2.6572224	21	8 10.7	20.7
525106 2004 TE_{59}	16.3	X	41.18632	321.15293	15.70852	15.63501	0.2105286	0.17907617	3.1172923	21	11 27.0	20.7
525107 2004 TM_{59}	17.7	X	218.49024	69.51873	42.62269	2.51473	0.1636045	0.22485826	2.6783263	21	8 23.4	21.9
525108 2004 TE_{61}	17.0	X	7.47010	282.07215	36.02019	11.52580	0.1981136	0.23064587	2.6333319	21	9 23.7	19.6
525109 2004 TS_{63}	16.6	X	217.70175	354.10654	20.14593	14.57634	0.1628854	0.21149456	2.7899938	21	4 18.8	21.1
525110 2004 TY_{65}	18.0	X	322.09315	348.79003	36.43117	6.75602	0.2419923	0.28898592	2.2657827	21	9 27.8	19.0
525111 2004 TW_{70}	18.2	X	357.17896	24.17815	24.03848	5.68492	0.1446863	0.29818759	2.2189269	21	—	—
525112 2004 TN_{74}	17.9	X	29.51637	246.70853	33.51799	8.63469	0.2458610	0.28595650	2.2817571	21	9 25.4	20.0
525113 2004 TN_{76}	17.1	X	266.66393	34.59636	6.38510	11.71899	0.1678110	0.22351574	2.6890403	21	7 16.2	21.1
525114 2004 TQ_{76}	18.1	X	281.40402	205.52057	175.19991	2.84931	0.1934428	0.28235636	2.3011115	21	6 30.3	20.9
525115 2004 TZ_{79}	16.8	X	256.45005	23.95603	354.64270	6.53023	0.0404764	0.21921850	2.7240678	21	6 18.2	20.6
525116 2004 TD_{82}	18.5	X	337.11888	145.08292	234.09101	1.37304	0.2048562	0.29108330	2.2548857	21	10 29.6	19.7
525117 2004 TM_{83}	16.2	X	152.87981	165.59407	7.70215	12.97234	0.0293928	0.16800633	3.2527620	21	9 3.1	21.0
525118 2004 TA_{91}	16.9	X	145.14635	66.46407	218.98514	9.13416	0.0467711	0.24377461	2.5379150	21	—	—
525119 2004 TH_{91}	17.5	X	203.13013	206.16317	236.28124	2.50380	0.1745118	0.21676657	2.7445713	21	6 29.9	22.0
525120 2004 TD_{92}	16.7	X	296.43695	288.95966	17.50913	11.80105	0.1627242	0.21522991	2.7576192	21	4 16.1	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525121 2004 TF_{94}	17.3	X	342.80130	160.84455	224.84426	0.99631	0.0607930	0.23302122	2.6154057	21	10 30.7	20.5
525122 2004 TS_{95}	18.5	X	329.20877	40.88487	24.95476	6.43554	0.1570564	0.29458191	2.2369966	21	12 25.9	20.3
525123 2004 TZ_{95}	18.9	X	284.37783	30.77140	24.27110	2.32876	0.1643152	0.28560351	2.2836367	21	9 1.7	21.3
525124 2004 TM_{96}	17.4	X	197.42356	26.41498	24.45651	17.88483	0.1829943	0.21239188	2.7821302	21	5 12.2	22.2
525125 2004 TH_{100}	16.9	X	0.78498	315.47608	74.31861	6.10871	0.2660313	0.23644134	2.5901233	21	12 31.2	19.4
525126 2004 TA_{104}	16.7	X	27.59926	280.83650	64.80785	2.31744	0.1859513	0.17847694	3.1242657	21	11 19.5	20.6
525127 2004 TX_{104}	17.1	X	238.50476	120.03877	213.25995	7.46819	0.1275529	0.21012818	2.8020756	21	3 21.2	21.5
525128 2004 TK_{105}	17.4	X	237.87073	98.75660	310.38144	13.31948	0.3130811	0.21837249	2.7310989	21	6 10.0	22.4
525129 2004 TT_{109}	16.3	X	295.16502	186.29579	207.30802	7.91745	0.2021750	0.22505953	2.6767292	21	8 3.7	19.8
525130 2004 TL_{111}	17.2	X	305.81943	87.56308	11.05654	3.67203	0.0938317	0.23710399	2.5852952	21	12 10.3	20.2
525131 2004 TX_{123}	18.6	X	297.30920	256.19821	106.39911	2.94394	0.2227492	0.28301810	2.2975232	21	6 22.4	21.1
525132 2004 TD_{128}	18.2	X	63.78372	298.31021	86.83281	4.71550	0.1839315	0.30578531	2.1820179	21	—	—
525133 2004 TL_{128}	17.2	X	245.48391	300.27832	36.59476	9.11140	0.2955648	0.21336985	2.7736225	21	3 25.8	22.2
525134 2004 TZ_{134}	18.0	X	328.78782	19.93669	22.32450	4.93331	0.1443055	0.29316917	2.2441774	21	11 14.1	19.6
525135 2004 TT_{142}	17.5	X	75.34576	316.08883	20.54871	6.95935	0.0523735	0.24138265	2.5546535	21	—	—
525136 2004 TY_{143}	18.0	X	167.33820	114.85982	203.84370	22.29084	0.1040206	0.37149692	1.9164577	21	—	—
525137 2004 TY_{146}	16.9	X	27.20540	45.27491	258.84457	3.17069	0.1629871	0.23029608	2.6359977	21	9 28.6	19.9
525138 2004 TL_{148}	17.8	X	249.36111	347.91160	1.75194	6.28288	0.1295298	0.21384810	2.7694857	21	4 21.0	22.0
525139 2004 TM_{150}	17.1	X	203.36515	107.72694	14.13674	12.21088	0.1184276	0.22408674	2.6844703	21	8 27.6	21.3
525140 2004 TV_{151}	17.0	X	208.03417	187.09774	207.56213	5.79883	0.0521093	0.21300044	2.7768285	21	5 10.6	21.0
525141 2004 TD_{154}	15.9	X	4.76668	148.67449	184.32275	0.93226	0.1889720	0.17172926	3.2055793	21	9 23.5	19.2
525142 2004 TT_{154}	17.1	X	316.57727	248.07935	193.80276	14.53984	0.0394171	0.23835761	2.5762225	21	12 7.9	20.6
525143 2004 TE_{155}	16.8	X	226.48583	343.15174	24.68315	5.89091	0.0032580	0.21209775	2.7847017	21	4 29.9	20.5
525144 2004 TB_{159}	18.6	X	277.34266	352.70648	16.01404	4.88806	0.2577198	0.27912147	2.3188566	21	5 28.4	21.8
525145 2004 TR_{159}	17.3	X	11.02381	160.16358	217.40091	16.13231	0.1783983	0.23562745	2.5960843	21	12 16.7	20.5
525146 2004 TY_{159}	18.5	X	260.18527	35.36297	354.07214	1.60808	0.1838568	0.27801121	2.3250262	21	6 16.9	21.6
525147 2004 TS_{162}	19.2	X	269.37953	207.86448	199.17411	2.52807	0.2115694	0.28134556	2.3066198	21	7 18.6	22.1
525148 2004 TH_{165}	17.6	X	315.00086	209.44488	215.25230	3.74502	0.1422598	0.23517152	2.5994386	21	11 6.2	20.1
525149 2004 TM_{165}	16.8	X	334.07302	319.18732	352.57134	5.24543	0.0605224	0.22283170	2.6945406	21	7 5.3	20.1
525150 2004 TX_{165}	16.5	X	93.60701	300.61037	5.69564	17.33744	0.2643587	0.18545238	3.0454241	21	12 24.1	21.9
525151 2004 TA_{167}	17.4	X	351.66616	45.77393	1.84634	6.02771	0.1177379	0.23925275	2.5697927	21	12 19.2	20.3
525152 2004 TC_{180}	16.9	X	357.79596	287.94570	20.82240	5.99954	0.0496851	0.22615252	2.6680979	21	8 9.8	20.2
525153 2004 TX_{182}	18.0	X	299.36112	68.77637	358.60541	7.07532	0.0680370	0.29164147	2.2520077	21	10 28.3	20.4
525154 2004 TX_{186}	17.3	X	160.48837	248.25569	225.13622	2.37207	0.0371594	0.21802039	2.7340386	21	6 24.7	21.2
525155 2004 TG_{187}	18.0	X	247.03732	216.86079	201.28374	6.29118	0.0808913	0.28162149	2.3051128	21	7 23.5	21.1
525156 2004 TR_{187}	17.3	X	193.96623	26.87163	11.13055	8.00681	0.2307327	0.21081013	2.7960294	21	4 26.4	22.1
525157 2004 TV_{188}	17.8	X	269.80629	50.72106	20.24848	2.25047	0.1661229	0.22697819	2.6616235	21	8 27.9	21.2
525158 2004 TO_{191}	18.0	X	237.00499	38.93426	27.25895	4.79887	0.2764774	0.22018968	2.7160520	21	7 3.5	22.7
525159 2004 TL_{192}	18.5	X	7.15366	57.35873	24.09540	7.12717	0.0940925	0.30462445	2.1875579	21	—	—
525160 2004 TV_{192}	17.3	X	343.93212	354.34559	53.54556	2.14004	0.1498248	0.23667908	2.5883885	21	12 8.3	19.9
525161 2004 TT_{194}	16.6	X	274.12622	186.29851	249.44757	3.59367	0.1339717	0.16753836	3.2588162	21	9 6.4	21.1
525162 2004 TG_{198}	17.2	X	184.93170	239.24952	205.46193	9.10211	0.1484717	0.21438165	2.7648887	21	6 16.7	21.7
525163 2004 TT_{198}	17.5	X	230.63267	162.26415	202.01755	8.92868	0.1647141	0.21204421	2.7851704	21	4 20.2	21.9
525164 2004 TC_{201}	18.1	X	21.16511	296.09385	48.05266	3.26546	0.1255093	0.29260054	2.2470840	21	11 22.1	20.2
525165 2004 TY_{202}	18.1	X	338.57178	152.88211	235.55527	5.36422	0.1809723	0.28981839	2.2614419	21	11 16.2	19.5
525166 2004 TZ_{209}	17.1	X	225.69591	327.02984	27.70887	9.19115	0.1658270	0.21158803	2.7891721	21	4 4.9	21.7
525167 2004 TH_{213}	16.9	X	71.38291	233.25536	41.74209	9.32347	0.0177385	0.22762386	2.6565880	21	10 5.2	20.4
525168 2004 TC_{215}	15.9	X	59.72818	116.71186	184.41982	25.10738	0.2098330	0.17577095	3.1562494	21	11 12.2	20.8
525169 2004 TZ_{215}	17.0	X	4.83763	292.79202	31.97750	22.73389	0.1892043	0.28777125	2.2721541	21	10 9.9	18.9
525170 2004 TK_{217}	15.8	X	206.18163	29.06240	7.03833	9.36217	0.0639041	0.15460001	3.4381887	21	5 10.1	21.0
525171 2004 TB_{218}	18.4	X	335.10968	60.56252	18.20647	4.60733	0.1109181	0.29924035	2.2137196	21	—	—
525172 2004 TY_{219}	18.0	X	270.99355	298.04847	187.40876	4.00718	0.0702184	0.29553500	2.2321846	21	12 9.8	20.4
525173 2004 TD_{220}	15.9	X	58.24149	268.72577	29.17862	16.84782	0.1261332	0.17455964	3.1708339	21	10 23.2	20.1
525174 2004 TP_{224}	17.4	X	71.84020	248.89484	11.16167	7.44609	0.1231748	0.28989318	2.2610529	21	10 5.5	20.0
525175 2004 TQ_{225}	17.4	X	245.46493	342.51758	26.43798	3.78676	0.2072434	0.21662031	2.7458065	21	5 5.4	21.9
525176 2004 TX_{228}	17.1	X	257.05078	49.86694	1.90028	1.71721	0.1238007	0.22222384	2.6994521	21	7 22.3	20.9
525177 2004 TN_{234}	17.1	X	275.68801	345.85648	31.21885	5.57348	0.1353207	0.22027820	2.7153243	21	6 27.5	20.8
525178 2004 TB_{239}	18.0	X	225.12186	228.07529	226.20267	4.81114	0.1140825	0.28077438	2.3097469	21	8 11.1	21.3
525179 2004 TX_{244}	17.2	X	261.92803	178.40298	254.52251	1.87387	0.0652007	0.22732814	2.6588913	21	9 2.8	20.9
525180 2004 TJ_{245}	17.0	X	208.31591	351.45894	10.54200	3.46744	0.1273686	0.20908190	2.8114158	21	3 28.9	21.3
525181 2004 TW_{246}	16.9	X	238.13896	308.41507	188.82989	12.70299	0.1172987	0.23339347	2.6126240	21	10 22.5	20.6
525182 2004 TF_{248}	16.5	X	204.21034	306.58500	214.36685	13.65824	0.0636589	0.23118392	2.6292445	21	10 16.8	20.2
525183 2004 TS_{248}	17.9	X	346.39514	73.58511	213.57095	5.90952	0.1653591	0.27928699	2.3179403	21	6 9.1	19.7
525184 2004 TU_{249}	18.4	X	343.22024	290.31508	46.90339	2.85737	0.1291995	0.28553299	2.2840127	21	8 31.2	20.2
525185 2004 TB_{250}	16.9	X	222.39690	27.12901	29.12110	9.73350	0.1845085	0.21607671	2.7504098	21	6 13.3	21.5
525186 2004 TR_{250}	16.4	X	311.00984	174.01725	218.37533	8.29362	0.0701761	0.17040543	3.2221599	21	9 9.9	20.8
525187 2004 TT_{251}	16.9	X	282.38113	302.41895	3.35022	9.12464	0.2000955	0.21446602	2.7641634	21	3 25.8	21.1
525188 2004 TR_{254}	17.2	X	196.24335	243.11250	181.46311	6.56566	0.0569610	0.21621766	2.7492144	21	6 4.6	21.3
525189 2004 TS_{262}	17.1	X	241.80768	43.02662	35.81540	15.90494	0.3043353	0.21979452	2.7193064	21	7 24.7	22.0
525190 2004 TJ_{264}	16.6	X	300.07337	106.82796	218.45370	13.98703	0.1371745	0.21722314	2.7407241	21	5 21.9	20.2
525191 2004 TL_{265}	17.3	X	305.51392	352.56475	25.19731	6.47579	0.0456416	0.22401769	2.6850219	21	8 27.0	20.7
525192 2004 TO_{266}	18.4	X	296.62206	174.31371	210.05131	6.47962	0.2075956	0.28368793	2.2939052	21	7 25.7	20.8
525193 2004 TG_{267}	16.8	X	14.12551	281.16442	31.79145	5.76787	0.1532287	0.22748903	2.6576375	21	9 20.2	19.6
525194 2004 TE_{270}	17.6	X	209.81296	33.58350	34.29201	16.80208	0.2783112	0.21482333	2.7610976	21	6 11.4	22.8
525195 2004 TT_{271}	15.5	X	74.27379	272.38611	39.04538	26.54109	0.1692295	0.17833756	3.1258935	21	11 26.8	20.4
525196 2004 TD_{274}	18.0	X	243.64863	200.87696	229.96721	4.37262	0.1500998	0.27942446	2.3171800	21	7 27.9	21.2
525197 2004 TN_{275}	17.4	X	222.40897	355.23210	34.89634	10.32845	0.2168781	0.21266608	2.7797382	21	5 10.2	22.1
525198 2004 TG_{284}	17.1	X	77.74536	286.65741	317.26466	2.43245	0.1210419	0.22681638	2.6628893	21	9 13.5	20.6
525199 2004 TF_{294}	18.2	X	310.29149	150.97221	183.06137	1.94262	0.2336215	0.28039299	2.3118409	21	5 29.7	20.4
525200 2004 TJ_{297}	18.3	X	0.73113	41.82162	23.00798	7.21617	0.2004831	0.29752669	2.2222117	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525201 2004 TQ_{304}	16.8	X	291.15321	272.84753	195.21258	7.54787	0.1288082	0.23801488	2.5786950	21	11 27.4	19.7
525202 2004 TQ_{314}	17.5	X	273.92494	50.41176	356.21132	5.08462	0.0619074	0.22531096	2.6747375	21	8 17.4	20.9
525203 2004 TC_{318}	17.3	X	284.83594	113.48406	315.44951	1.91643	0.0894264	0.22879780	2.6474930	21	9 26.3	20.5
525204 2004 TP_{318}	17.5	X	198.95445	179.39701	217.11434	3.79222	0.0812148	0.21074880	2.7965718	21	5 1.6	21.7
525205 2004 TB_{324}	17.1	X	200.53942	13.67741	56.96626	5.47318	0.1172676	0.21306779	2.7762432	21	6 14.4	21.5
525206 2004 TU_{324}	17.8	X	71.85331	2.68539	327.84164	6.36149	0.2090605	0.30035567	2.2082360	21	—	—
525207 2004 TV_{329}	17.0	X	324.87264	189.68886	194.58404	21.49387	0.0415654	0.23120698	2.6290696	21	9 30.9	20.4
525208 2004 TL_{330}	16.7	X	347.20208	262.84200	28.06708	10.85173	0.1133931	0.22033942	2.7148213	21	6 22.5	20.0
525209 2004 TG_{331}	16.8	X	318.34098	300.03325	315.23148	1.21449	0.0206327	0.20647509	2.8350297	21	4 1.3	20.6
525210 2004 TD_{337}	17.3	X	297.83632	308.18665	0.61999	4.47170	0.1295933	0.21711324	2.7416489	21	4 25.8	21.1
525211 2004 TO_{337}	16.9	X	0.83701	332.76633	11.39283	7.02591	0.1625152	0.17288610	3.1912634	21	9 29.8	20.5
525212 2004 TV_{337}	18.2	X	83.51153	169.20012	169.38592	1.91918	0.1321588	0.24474667	2.5311906	21	—	—
525213 2004 TP_{338}	17.1	X	212.58259	96.79448	30.33076	3.72572	0.0514543	0.22588586	2.6701973	21	9 15.9	20.7
525214 2004 TW_{339}	17.1	X	3.86921	240.89886	31.79464	9.92928	0.2376199	0.28123799	2.3072079	21	6 27.3	18.5
525215 2004 TD_{340}	16.5	X	253.01960	40.32368	31.15202	12.90765	0.1479494	0.22349727	2.6891884	21	8 15.1	20.6
525216 2004 TC_{343}	18.3	X	208.21390	155.78220	39.86810	22.53711	0.0418398	0.35438416	1.9776671	21	—	—
525217 2004 TK_{345}	17.8	X	340.40838	357.92121	70.31819	28.05378	0.3973891	0.29455766	2.2371194	21	—	—
525218 2004 TR_{348}	16.7	X	320.31364	141.45715	215.21335	10.42045	0.0414895	0.22169910	2.7037099	21	8 12.8	20.4
525219 2004 TO_{351}	17.6	X	349.44077	336.39482	93.58479	3.27866	0.1545136	0.23773308	2.5807324	21	—	—
525220 2004 TK_{356}	17.0	X	290.86743	282.82865	100.13025	5.62658	0.2872003	0.22500572	2.6771560	21	7 1.8	20.5
525221 2004 TD_{359}	16.5	X	282.24319	272.71016	218.54481	11.17745	0.1034335	0.23809028	2.5781505	21	12 16.3	19.6
525222 2004 TH_{365}	17.0	X	189.36824	161.48365	12.93235	14.95307	0.0423387	0.23335324	2.6129243	21	10 17.3	20.7
525223 2004 TB_{367}	18.1	X	331.03816	103.50742	231.55859	5.34289	0.2408216	0.28436740	2.2902497	21	7 13.7	19.7
525224 2004 TP_{368}	17.2	X	348.15135	298.58370	25.40411	5.07719	0.0429937	0.22471916	2.6794314	21	8 15.9	20.5
525225 2004 TZ_{370}	17.5	X	344.23505	144.97383	177.69651	1.83617	0.2029496	0.22747343	2.6577590	21	7 30.1	19.7
525226 2004 TT_{371}	16.8	X	149.39801	94.61004	25.30992	6.80212	0.0362732	0.21255519	2.7807049	21	6 19.3	20.8
525227 2004 TX_{371}	18.7	X	160.76552	148.42820	221.52011	20.16630	0.0444181	0.37501035	1.9044689	21	1 4.9	21.1
525228 2004 UN_{1}	18.5	X	264.87645	176.00539	223.10918	5.31294	0.2434755	0.27975052	2.3153791	21	6 27.6	21.7
525229 2004 UU_{1}	21.2	X	144.08261	113.59233	217.77231	29.96002	0.2735417	0.72595466	1.2261108	21	—	—
525230 2004 UA_{7}	16.9	X	206.67957	117.43488	256.24773	6.17725	0.2339094	0.20969926	2.8058952	21	4 6.6	21.8
525231 2004 VB	20.8	X	126.74274	71.55396	52.39010	10.85865	0.4093174	0.55938796	1.4587940	21	6 27.8	22.5
525232 2004 VM_{10}	16.7	X	306.91279	258.21294	44.26036	23.70404	0.1691454	0.27427289	2.3461051	21	4 23.6	19.6
525233 2004 VA_{11}	15.8	X	255.85392	193.18558	256.89446	21.17059	0.0356902	0.22614152	2.6681844	21	9 11.6	20.0
525234 2004 VB_{17}	19.7	X	52.51300	200.51734	232.74877	23.65019	0.2963160	0.42451491	1.7533721	21	—	—
525235 2004 VB_{18}	17.0	X	214.62224	30.64866	338.34516	1.22218	0.2575383	0.20979855	2.8050099	21	4 8.6	21.9
525236 2004 VF_{30}	18.4	X	303.54578	131.65707	200.59577	4.29465	0.2605742	0.27860317	2.3217316	21	5 11.9	21.1
525237 2004 VN_{30}	17.8	X	326.83860	201.42609	207.80626	5.89173	0.0771992	0.29045794	2.2581210	21	11 20.4	20.0
525238 2004 VV_{30}	16.5	X	64.76501	113.66505	224.95496	21.25836	0.2159856	0.17959832	3.1112473	21	12 27.3	21.5
525239 2004 VK_{31}	18.1	X	208.04281	268.36175	202.84090	4.65472	0.1099388	0.27881547	2.3205529	21	8 15.1	21.3
525240 2004 VO_{31}	16.3	X	346.87625	227.30326	65.37912	9.91270	0.1463746	0.21751052	2.7383095	21	6 22.5	19.2
525241 2004 VH_{32}	16.4	X	7.16316	290.44301	77.05621	5.92599	0.1185178	0.17264549	3.1942279	21	11 7.5	20.3
525242 2004 VP_{34}	18.2	X	308.56966	130.31276	199.19257	5.31181	0.2313130	0.27853237	2.3221250	21	5 20.9	20.7
525243 2004 VL_{35}	18.7	X	258.61344	236.99372	188.03493	3.10175	0.1607728	0.28100315	2.3084932	21	8 6.7	21.6
525244 2004 VN_{35}	17.1	X	306.46556	308.56552	73.05383	5.92009	0.0669022	0.22390725	2.6859047	21	8 31.4	20.5
525245 2004 VD_{36}	17.3	X	243.92274	6.57865	46.65134	14.90643	0.2074731	0.21824555	2.7321578	21	6 28.7	21.8
525246 2004 VR_{38}	17.7	X	255.01838	353.86683	52.44767	7.30246	0.2226675	0.21903898	2.7255560	21	6 29.9	21.9
525247 2004 VS_{42}	17.1	X	192.09124	299.61467	225.48165	10.84415	0.1384147	0.22568030	2.6718184	21	9 30.7	21.5
525248 2004 VB_{43}	16.9	X	310.54834	264.29010	52.41216	4.12535	0.0805464	0.21511683	2.7585856	21	6 2.5	20.4
525249 2004 VH_{43}	17.6	X	292.99260	319.83106	50.78580	3.78741	0.0746513	0.22019817	2.7159822	21	7 23.4	21.1
525250 2004 VC_{44}	18.1	X	269.58261	18.20215	93.45507	3.42769	0.1718908	0.28822212	2.2697839	21	10 31.7	20.4
525251 2004 VG_{46}	16.8	X	16.25333	327.38298	63.24470	22.97775	0.0412049	0.23580673	2.5947683	21	12 20.7	20.4
525252 2004 VF_{48}	17.7	X	258.16998	74.01016	118.80946	5.12512	0.0863152	0.30039196	2.2080582	21	—	—
525253 2004 VM_{51}	18.1	X	262.98940	270.59111	204.56259	6.76297	0.1254639	0.28827130	2.2695258	21	11 2.2	20.3
525254 2004 VR_{51}	17.1	X	61.91463	234.74074	71.27058	13.14560	0.0820546	0.23087442	2.6315937	21	11 11.8	20.8
525255 2004 VO_{56}	17.2	X	275.59165	4.29546	47.00417	9.93288	0.1391191	0.22164634	2.7041390	21	8 17.1	20.9
525256 2004 VF_{69}	16.5	X	205.98108	294.25362	83.38389	3.16195	0.0863379	0.20521446	2.8466281	21	4 17.0	20.7
525257 2004 VS_{75}	6.7	X	70.50657	294.69105	23.50645	7.37545	0.1070199	0.00330311	44.6533469	21	11 2.8	23.1
525258 2004 VT_{75}	6.4	X	81.86505	272.90883	26.56380	12.81902	0.2138303	0.00397707	39.4542510	21	11 6.9	22.4
525259 2004 VX_{78}	17.4	X	272.87585	156.54206	193.50770	1.65501	0.0943918	0.21515752	2.7582377	21	5 25.0	21.3
525260 2004 VD_{80}	16.9	X	273.44540	284.74557	51.43654	10.60460	0.2209781	0.21467687	2.7623533	21	4 23.1	21.1
525261 2004 VP_{85}	16.4	X	271.59603	266.14845	72.31930	10.94003	0.1365823	0.21061658	2.7977421	21	5 5.3	20.5
525262 2004 VA_{89}	16.7	X	185.04841	182.75492	255.35356	9.53961	0.1152534	0.21185614	2.7868185	21	6 8.5	21.0
525263 2004 VE_{89}	18.2	X	7.48995	178.77544	238.93496	19.02166	0.1018754	0.35761955	1.9657210	21	—	—
525264 2004 VL_{130}	16.9	X	191.40827	251.75129	212.23801	7.30161	0.1436470	0.21493339	2.7601549	21	7 15.6	21.4
525265 2004 VT_{131}	18.2	X	305.42607	313.30487	91.09134	1.72630	0.2140708	0.28552360	2.2840628	21	9 17.9	19.8
525266 2004 WF_{4}	17.2	X	323.09064	331.74775	76.89777	4.08606	0.1772763	0.22999291	2.6383136	21	10 28.1	19.6
525267 2004 XC_{6}	17.5	X	284.92341	339.66614	83.82887	26.16133	0.2496033	0.28328600	2.2960745	21	9 14.8	20.7
525268 2004 XL_{14}	21.3	X	215.98420	157.57664	85.61327	21.46236	0.4103474	1.48878177	0.7595949	21	—	—
525269 2004 XH_{33}	17.3	X	322.45571	293.37471	80.17092	7.69983	0.1547219	0.28329727	2.2960136	21	9 17.2	19.3
525270 2004 XX_{34}	16.3	X	264.57143	286.04635	85.76006	6.66553	0.0615583	0.20925592	2.8098570	21	6 16.9	20.0
525271 2004 XK_{38}	15.1	X	37.98185	260.45971	99.71140	27.11779	0.1893020	0.17634618	3.1493820	21	12 22.8	19.3
525272 2004 XS_{43}	16.5	X	322.00571	286.81152	69.64329	7.18254	0.0732437	0.21902416	2.7256789	21	8 19.7	19.9
525273 2004 XZ_{43}	17.7	X	341.70669	145.14703	247.01927	5.67953	0.1031054	0.28884589	2.2665149	21	11 21.4	19.9
525274 2004 XV_{49}	17.9	X	289.68074	38.38306	73.43961	23.48609	0.0640352	0.35041814	1.9925612	21	—	—
525275 2004 XA_{53}	16.9	X	254.77899	143.88287	259.89426	10.33212	0.1184114	0.21572939	2.7533611	21	7 7.9	20.8
525276 2004 XV_{53}	17.6	X	224.55088	339.36438	236.01620	3.98400	0.0751852	0.29594532	2.2301209	21	—	—
525277 2004 XG_{54}	18.1	X	273.44389	169.75814	242.53443	4.20043	0.1363904	0.27929026	2.3179222	21	8 12.2	21.0
525278 2004 XT_{54}	17.0	X	231.39765	343.01731	68.65060	11.66702	0.1765969	0.21290414	2.7776657	21	6 17.2	21.4
525279 2004 XV_{61}	16.5	X	331.01505	95.32478	282.57012	4.84851	0.0469202	0.22386034	2.6862800	21	9 28.1	19.9
525280 2004 XG_{69}	16.1	X	352.95424	271.83931	70.47497	7.62979	0.0761261	0.21935668	2.7229237	21	9 20.3	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525281 2004 XB_{72}	17.5	X	253.56915	294.26759	91.74556	7.69810	0.1400423	0.27314114	2.3525813	21	6 10.4	20.7
525282 2004 XR_{72}	17.2	X	306.51023	131.96603	228.73859	5.11039	0.2563219	0.28118469	2.3074995	21	6 28.6	19.4
525283 2004 XP_{73}	17.3	X	248.70744	179.61006	255.86013	21.97295	0.2018332	0.27956024	2.3164296	21	7 26.3	21.0
525284 2004 XH_{77}	17.1	X	239.27962	344.85093	68.64587	9.72496	0.2832510	0.21663786	2.7456582	21	6 18.4	21.7
525285 2004 XT_{79}	16.8	X	312.64727	126.14509	253.01878	9.86805	0.1855959	0.22263397	2.6961358	21	8 14.3	19.9
525286 2004 XZ_{79}	16.7	X	307.91166	293.79625	85.19750	14.05790	0.1928942	0.22265342	2.6959788	21	8 13.4	19.9
525287 2004 XA_{82}	16.8	X	259.72706	353.19166	68.78125	9.80327	0.2132848	0.21961187	2.7208140	21	7 28.5	20.9
525288 2004 XH_{83}	16.9	X	172.04939	54.53154	79.69062	8.74365	0.1697511	0.21285814	2.7780659	21	8 8.3	21.5
525289 2004 XO_{84}	16.6	X	324.07083	313.55676	81.05670	13.98127	0.1593658	0.22681407	2.6629074	21	10 16.5	19.6
525290 2004 XM_{89}	18.7	X	278.86382	29.05116	39.43684	3.38447	0.1994565	0.28283790	2.2984990	21	9 7.0	21.0
525291 2004 XK_{90}	18.4	X	299.52331	318.83943	62.53622	4.27689	0.1992856	0.28042530	2.3116633	21	7 31.7	20.7
525292 2004 XL_{91}	17.0	X	273.36751	310.79956	74.26297	4.03898	0.0994736	0.21580856	2.7526877	21	7 10.9	20.7
525293 2004 XD_{96}	18.2	X	213.14758	139.89804	296.30432	3.76426	0.3936708	0.21303930	2.7764908	21	6 22.4	23.6
525294 2004 XB_{97}	16.5	X	321.26170	243.55268	87.57521	10.22415	0.1667508	0.21239773	2.7820790	21	6 28.1	19.5
525295 2004 XF_{97}	16.6	X	284.29311	101.49505	294.58349	13.36524	0.1062185	0.21626153	2.7488426	21	8 6.1	20.2
525296 2004 XL_{104}	16.7	X	187.72265	322.65025	68.46112	8.00405	0.2451123	0.20516088	2.8471237	21	4 18.4	21.7
525297 2004 XN_{115}	17.5	X	245.59343	355.32213	75.49535	10.18017	0.2214036	0.21796952	2.7344639	21	7 23.2	21.9
525298 2004 XL_{118}	17.8	X	311.31401	152.65504	283.42033	6.16480	0.0792562	0.28721133	2.2751062	21	12 1.1	20.2
525299 2004 XZ_{133}	17.1	X	216.27871	41.88956	62.24010	16.32344	0.2687252	0.21640619	2.7476174	21	8 7.4	22.1
525300 2004 XZ_{139}	16.4	X	297.53713	343.29959	106.25148	22.93163	0.0343153	0.22624485	2.6673719	21	11 25.7	20.2
525301 2004 XF_{144}	17.3	X	319.32685	294.73948	114.14228	22.45018	0.2010698	0.28739775	2.2741222	21	11 14.9	19.6
525302 2004 XO_{149}	16.9	X	263.67168	0.06262	95.39745	10.01875	0.0383310	0.22098338	2.7095447	21	10 15.0	20.7
525303 2004 XQ_{151}	18.0	X	349.85033	116.54534	287.67093	6.16295	0.1306010	0.29149860	2.2527435	21	12 28.7	20.1
525304 2004 XT_{151}	18.3	X	290.48143	22.54959	357.36483	2.76911	0.2079823	0.27964206	2.3159778	21	7 11.1	20.9
525305 2004 XE_{153}	17.0	X	303.32766	297.92338	81.03243	9.60762	0.1544872	0.21999540	2.7176507	21	8 9.9	20.3
525306 2004 XT_{154}	16.6	X	317.84576	91.96979	290.42948	4.20131	0.0846902	0.22099614	2.7094403	21	9 11.8	20.0
525307 2004 XD_{159}	16.4	X	30.48776	200.76428	105.83545	6.09934	0.0724074	0.21890171	2.7266953	21	9 28.1	19.9
525308 2004 XM_{161}	17.8	X	264.26783	23.25197	52.30776	8.39972	0.1562146	0.28125379	2.3071215	21	9 5.7	20.7
525309 2004 XD_{171}	16.4	X	135.13349	184.16309	290.69769	13.98824	0.0936148	0.20357869	2.8618564	21	6 1.0	20.8
525310 2004 XW_{172}	15.9	X	38.85666	297.85497	77.20824	18.26014	0.0048520	0.17286137	3.1915679	21	12 14.2	20.3
525311 2004 XV_{174}	15.8	X	326.22283	206.11896	270.77388	12.09287	0.0222364	0.17873544	3.1212527	21	—	—
525312 2004 XP_{175}	17.0	X	215.73473	44.07294	79.74026	8.11680	0.0768945	0.21977821	2.7194409	21	9 15.4	21.0
525313 2004 XX_{175}	16.4	X	166.28468	144.44119	290.98517	4.66549	0.0557534	0.20441419	2.8540529	21	5 13.3	20.7
525314 2004 XO_{177}	17.3	X	333.24009	289.90060	80.01761	7.02106	0.1227633	0.28449757	2.2895511	21	10 5.7	19.4
525315 2004 XR_{178}	16.2	X	228.09909	345.55042	122.10850	15.31420	0.1530034	0.21662679	2.7457517	21	8 29.8	20.5
525316 2004 XM_{181}	17.9	X	22.32008	130.16210	271.90078	17.67306	0.0444120	0.35519304	1.9746634	21	—	—
525317 2004 XU_{182}	17.5	X	237.48317	336.12642	129.48978	4.87930	0.1500150	0.27927332	2.3180159	21	9 9.9	20.6
525318 2004 XZ_{192}	16.7	X	272.00921	86.58667	294.73802	8.76555	0.0622064	0.21140679	2.7907660	21	7 9.7	20.4
525319 2004 YU_{5}	19.0	X	256.96035	141.48946	304.31384	24.19245	0.4524987	0.28065792	2.3103859	21	7 28.4	22.8
525320 2004 YN_{9}	18.2	X	62.93128	272.72384	93.23193	3.66617	0.2060328	0.30060140	2.2070324	21	—	—
525321 2004 YW_{9}	16.5	X	155.54709	251.24050	248.07045	7.90258	0.1519733	0.21346480	2.7728000	21	7 25.5	21.0
525322 2004 YA_{15}	17.6	X	242.04444	356.39624	104.40758	15.81210	0.2351478	0.21740359	2.7392073	21	8 28.2	22.0
525323 2004 YJ_{15}	17.2	X	248.19517	169.51454	295.69246	7.27924	0.2410046	0.21907502	2.7252570	21	9 1.1	21.5
525324 2004 YC_{16}	17.6	X	211.51223	187.86686	307.17245	6.06581	0.1810900	0.21632679	2.7482897	21	9 9.0	22.1
525325 2004 YS_{16}	16.8	X	94.40728	300.14216	293.60635	10.11791	0.1147489	0.27249270	2.3563120	21	9 18.5	20.3
525326 2004 YZ_{18}	17.7	X	89.36891	229.18023	114.24551	5.97478	0.1426653	0.29415962	2.2391371	21	—	—
525327 2004 YR_{24}	17.9	X	301.25542	334.85929	86.42983	4.43529	0.1231987	0.28265888	2.2994694	21	10 20.1	20.0
525328 2004 YX_{24}	16.6	X	336.69276	275.84352	116.50286	7.91784	0.2141845	0.22512325	2.6762241	21	11 4.1	19.0
525329 2004 YR_{27}	16.7	X	234.26635	191.79254	271.47475	16.31826	0.1760167	0.21860671	2.7291478	21	8 17.7	21.2
525330 2004 YW_{36}	16.7	X	169.97657	82.67785	278.38171	0.78024	0.0977673	0.19531846	2.9419855	21	2 19.0	21.1
525331 2004 YQ_{37}	18.0	X	302.49864	22.92815	113.22505	4.03098	0.1163772	0.29175427	2.2514272	21	—	—
525332 2004 YS_{37}	17.7	X	210.01831	16.82071	126.70098	5.14128	0.1246048	0.27761236	2.3272526	21	10 2.9	21.0
525333 2004 YU_{37}	17.7	X	239.02727	357.02937	94.45639	3.58522	0.1800704	0.27309693	2.3528352	21	8 18.8	21.0
525334 2005 AA_{12}	17.0	X	250.35806	131.63208	325.11394	6.64781	0.0761213	0.27938235	2.3174128	21	9 21.6	20.0
525335 2005 AL_{13}	15.8	X	105.01737	320.27171	277.68674	11.05566	0.0859809	0.21712048	2.7415880	21	9 27.4	20.0
525336 2005 AT_{14}	17.1	X	196.47702	45.58852	87.07984	14.40138	0.1702415	0.21382611	2.7696755	21	8 31.9	21.8
525337 2005 AX_{22}	17.8	X	256.50794	345.26849	90.77837	5.22101	0.2223400	0.27761640	2.3272300	21	8 13.0	21.0
525338 2005 AU_{28}	17.6	X	249.28313	102.97653	351.94926	22.03510	0.3445527	0.27770954	2.3267096	21	8 21.5	21.4
525339 2005 AB_{38}	16.2	X	340.86485	60.75470	114.46185	24.33896	0.2372637	0.18115911	3.0933514	21	—	—
525340 2005 AJ_{47}	16.9	X	218.04225	314.94876	125.17016	10.44009	0.1937275	0.21171755	2.7880345	21	7 9.6	21.5
525341 2005 AR_{50}	16.9	X	312.84402	286.06437	89.53131	7.29956	0.0385965	0.21438587	2.7648524	21	9 4.3	20.5
525342 2005 AS_{50}	16.5	X	336.48677	343.13072	339.59767	5.33931	0.0165220	0.20902999	2.8118813	21	7 27.2	20.2
525343 2005 AE_{51}	17.8	X	246.92365	130.33548	345.25959	6.29490	0.0459788	0.27909000	2.3190309	21	10 18.3	20.7
525344 2005 AN_{62}	16.3	X	250.84588	324.15510	282.09232	13.58546	0.1718890	0.24047519	2.5610764	21	—	—
525345 2005 AN_{63}	18.1	X	287.23436	224.32922	199.67269	2.72260	0.2352198	0.28171045	2.3046275	21	9 5.0	20.2
525346 2005 AG_{64}	17.1	X	188.74302	290.96323	270.60255	1.37811	0.0416471	0.22396838	2.6854161	21	11 20.7	21.0
525347 2005 AF_{71}	17.6	X	185.74446	178.90295	316.29307	11.27400	0.0893869	0.27135260	2.3629075	21	8 23.1	21.1
525348 2005 AG_{71}	17.1	X	274.74430	87.74208	340.59872	4.47396	0.0704485	0.21631057	2.7484271	21	9 12.9	20.8
525349 2005 AO_{72}	18.3	X	214.22887	152.33020	316.18683	6.59365	0.1556519	0.27271356	2.3550396	21	8 15.5	21.6
525350 2005 AD_{73}	17.6	X	282.75800	277.01967	118.99869	11.77512	0.2474546	0.27637506	2.3341933	21	7 15.7	20.2
525351 2005 AL_{73}	17.0	X	259.02425	157.67742	323.09000	3.45934	0.0376195	0.22201236	2.7011661	21	11 4.1	20.6
525352 2005 AN_{76}	16.7	X	231.42431	349.46754	95.00561	5.50802	0.0340366	0.21059707	2.7979149	21	8 15.5	20.5
525353 2005 AQ_{79}	17.3	X	248.18397	147.97478	322.36726	8.17769	0.1806297	0.21858781	2.7293052	21	9 15.4	21.3
525354 2005 AR_{80}	18.0	X	230.74500	2.47482	77.23865	2.36471	0.1539636	0.27190343	2.3597152	21	7 26.6	21.2
525355 2005 BR_{3}	17.0	X	205.69639	193.56220	297.65577	7.54482	0.1509917	0.21521367	2.7577579	21	8 31.2	21.5
525356 2005 BG_{14}	18.6	X	324.70243	280.95685	94.97177	21.68001	0.7275082	0.35020386	1.9933739	21	5 23.9	21.2
525357 2005 BS_{14}	18.0	X	236.18756	243.46776	245.89118	3.67202	0.1113486	0.28027203	2.3125061	21	10 13.8	20.8
525358 2005 BB_{17}	17.6	X	153.19670	220.17747	294.16898	4.96690	0.1421298	0.26871611	2.3783381	21	8 14.1	21.1
525359 2005 BK_{27}	17.7	X	272.57588	115.95675	327.40252	23.95612	0.2627018	0.27991009	2.3144991	21	8 31.7	20.6
525360 2005 BE_{28}	17.4	X	60.58129	247.21517	131.97742	24.49950	0.1071947	0.35319867	1.9820899	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525361 2005 BJ_{31}	16.1	X	322.85512	279.31736	305.08941	4.24938	0.0921367	0.18856000	3.0118708	21	2 19.9	20.1
525362 2005 BQ_{33}	16.9	X	175.73449	295.20378	287.07053	4.66441	0.1407896	0.22286243	2.6942929	21	11 25.3	21.1
525363 2005 BE_{50}	17.7	X	314.76517	180.63007	321.68716	16.97338	0.0763617	0.35288049	1.9832811	21	—	—
525364 2005 CL_{7}	19.6	X	259.15646	201.43659	136.59322	31.28293	0.1005233	0.91741302	1.0489613	21	—	—
525365 2005 CH_{9}	18.0	X	267.40312	56.36333	103.50918	6.86826	0.1828141	0.28770459	2.2725050	21	—	—
525366 2005 CK_{28}	17.5	X	21.73876	163.65389	124.38956	7.19333	0.1401853	0.26627020	2.3928805	21	8 30.8	19.8
525367 2005 CC_{29}	17.1	X	115.18621	126.92748	110.80483	4.87297	0.0428504	0.21427986	2.7657642	21	10 12.9	21.1
525368 2005 CA_{30}	18.1	X	285.85694	91.31990	342.61558	6.77919	0.2159353	0.27967801	2.3157793	21	9 20.9	20.4
525369 2005 CN_{30}	17.5	X	346.90920	123.01185	341.11785	6.01593	0.0967562	0.29265630	2.2467985	21	—	—
525370 2005 CS_{33}	17.7	X	220.35381	350.26236	123.95615	7.59386	0.1718699	0.27350025	2.3505215	21	8 30.5	21.2
525371 2005 CG_{42}	16.4	X	359.00616	272.10747	121.77262	12.34377	0.0931605	0.22399235	2.6852245	21	12 8.3	19.8
525372 2005 CX_{44}	17.9	X	218.90618	94.28441	12.75880	2.32548	0.1348262	0.27146205	2.3622724	21	8 21.8	21.3
525373 2005 CT_{55}	18.2	X	219.01828	44.11793	117.39456	4.47026	0.1507751	0.27922338	2.3182923	21	11 2.8	21.3
525374 2005 CU_{79}	18.9	X	236.30029	217.03856	358.34447	4.33954	0.1603666	0.28904011	2.2654995	21	—	—
525375 2005 CX_{81}	16.9	X	41.35592	229.56720	119.14492	6.72151	0.0646060	0.22291087	2.6939025	21	12 4.4	20.5
525376 2005 CA_{82}	17.2	X	97.68650	285.64503	330.93777	8.03047	0.1256815	0.21471018	2.7620675	21	10 19.0	21.5
525377 2005 CD_{82}	18.0	X	180.33470	316.62730	177.10876	5.76203	0.1695703	0.26936464	2.3745191	21	8 13.5	21.9
525378 2005 EJ_{9}	17.5	X	191.33175	336.68591	263.26360	4.77619	0.1384362	0.28405560	2.2919254	21	—	—
525379 2005 EA_{16}	17.7	X	238.25103	306.36388	160.90143	6.45860	0.0631066	0.27259127	2.3557440	21	9 24.7	20.5
525380 2005 EN_{19}	17.5	X	213.85451	125.46080	354.22783	8.81494	0.2151099	0.21017908	2.8016232	21	8 24.8	22.1
525381 2005 EG_{26}	17.7	X	135.80317	4.85911	165.63240	4.49504	0.1648911	0.26433483	2.4045462	21	8 19.4	21.4
525382 2005 EL_{28}	17.3	X	182.76839	128.92700	358.35586	25.68253	0.2203855	0.26679403	2.3897473	21	8 19.2	21.7
525383 2005 EO_{40}	18.3	X	209.33266	176.04928	297.83464	0.54113	0.1337376	0.27101458	2.3648719	21	8 19.5	21.7
525384 2005 EH_{42}	16.7	X	215.74381	136.90486	314.84796	5.11859	0.0081946	0.20870874	2.8147659	21	8 6.1	20.4
525385 2005 EE_{47}	18.4	X	243.49723	7.13229	173.68174	5.11497	0.1835763	0.28365011	2.2941092	21	12 24.2	21.0
525386 2005 EM_{57}	17.6	X	90.11461	203.68115	149.18378	7.80781	0.1191665	0.29200144	2.2501565	21	—	—
525387 2005 ER_{57}	17.4	X	274.18688	99.00845	325.08420	2.33189	0.0762107	0.21430016	2.7655895	21	9 5.5	20.9
525388 2005 EF_{59}	16.0	X	206.93780	358.00654	330.35581	15.70044	0.0930706	0.18496839	3.0507342	21	2 18.6	20.6
525389 2005 EY_{59}	16.9	X	278.87072	256.35920	152.15304	6.04998	0.1162124	0.21211824	2.7845224	21	8 15.7	20.4
525390 2005 EZ_{62}	17.1	X	303.64114	232.23382	165.30735	4.18453	0.0794181	0.21252727	2.7809484	21	9 12.4	20.6
525391 2005 EM_{64}	17.8	X	165.41624	45.99144	195.17337	0.94033	0.0192268	0.28156345	2.3054296	21	12 26.3	20.6
525392 2005 EZ_{74}	18.9	X	259.17179	78.48403	59.23441	0.34017	0.1561948	0.28057685	2.3108309	21	11 21.3	21.5
525393 2005 EW_{76}	19.0	X	243.50881	327.09145	195.25570	2.06291	0.1759675	0.28164342	2.3049932	21	11 29.8	21.8
525394 2005 ES_{77}	17.5	X	135.78891	194.15768	43.60378	3.25664	0.1752988	0.27353280	2.3503351	21	11 14.4	21.1
525395 2005 EU_{78}	18.3	X	202.22937	228.49112	10.95295	5.71859	0.2816317	0.28248462	2.3004150	21	—	—
525396 2005 EE_{85}	16.7	X	238.04632	215.03226	197.70986	1.61573	0.0627088	0.20295684	2.8676991	21	7 7.4	20.7
525397 2005 EV_{86}	17.3	X	137.87268	72.30424	165.18930	8.78886	0.2318647	0.21171331	2.7880717	21	11 12.6	22.2
525398 2005 EM_{87}	18.4	X	178.95527	251.49643	357.46287	6.54401	0.1980364	0.28036208	2.3120109	21	—	—
525399 2005 ET_{87}	17.6	X	253.96662	83.35772	359.46756	21.20266	0.3573812	0.27444754	2.3451096	21	8 10.4	21.6
525400 2005 EV_{94}	18.0	X	191.79434	241.07989	322.96120	5.27608	0.1733727	0.27992879	2.3143960	21	11 23.1	21.5
525401 2005 EZ_{104}	16.5	X	312.16362	260.36840	138.69742	9.76212	0.2399839	0.22037509	2.7145283	21	9 11.3	19.1
525402 2005 EN_{105}	17.9	X	109.13322	224.92397	354.69594	0.93127	0.1274369	0.26957803	2.3732658	21	9 23.5	21.0
525403 2005 EB_{106}	16.6	X	314.26684	241.96746	141.08430	4.64938	0.1089421	0.21456576	2.7633068	21	9 6.9	19.7
525404 2005 ET_{107}	17.2	X	350.71214	205.87052	145.22940	5.85501	0.1154357	0.27368709	2.3494516	21	10 6.8	19.4
525405 2005 EU_{111}	16.5	X	67.36044	135.79634	156.17373	5.74240	0.0436717	0.21346075	2.7728350	21	10 22.8	20.4
525406 2005 EX_{112}	18.4	X	350.77467	281.12352	157.35074	5.68228	0.1271130	0.28832091	2.2692654	21	—	—
525407 2005 ER_{121}	17.4	X	219.56363	57.98565	179.37103	6.98209	0.0535771	0.28931245	2.2640776	21	—	—
525408 2005 EJ_{122}	17.4	X	7.17236	74.31032	323.84842	4.10877	0.0623560	0.22375511	2.6871222	21	12 20.3	20.9
525409 2005 ES_{123}	17.9	X	179.08677	14.63203	241.77149	5.05763	0.1371233	0.28278802	2.2987692	21	—	—
525410 2005 ET_{123}	15.9	X	302.81961	286.37147	322.55519	9.96556	0.0650001	0.18239354	3.0793786	21	2 28.3	20.2
525411 2005 EN_{126}	18.0	X	259.37183	108.02376	1.59141	1.27291	0.1367965	0.27431061	2.3458900	21	10 14.5	20.5
525412 2005 EE_{129}	16.9	X	56.50345	322.46159	342.28315	5.00993	0.0423283	0.21208786	2.7847883	21	10 20.9	20.8
525413 2005 EP_{135}	18.5	X	109.67041	42.61788	219.43552	2.01221	0.1816253	0.27233101	2.3572446	21	11 21.6	22.3
525414 2005 EM_{143}	17.1	X	254.88640	336.98872	162.59939	5.02110	0.1039445	0.21936159	2.7228831	21	11 15.5	20.7
525415 2005 EB_{146}	17.4	X	288.72613	205.99929	162.82919	6.63463	0.1086522	0.26173259	2.4204578	21	7 7.8	20.3
525416 2005 EM_{147}	18.4	X	186.70993	112.09028	34.06636	2.93566	0.1542259	0.26882246	2.3777107	21	9 7.9	22.0
525417 2005 ED_{150}	18.3	X	170.39641	118.28539	136.33895	4.76619	0.2384269	0.27776009	2.3264273	21	—	—
525418 2005 EP_{157}	18.3	X	231.49514	344.63268	179.24235	4.94834	0.0503109	0.27887519	2.3202216	21	12 5.1	21.1
525419 2005 ER_{159}	18.4	X	190.74854	332.88561	168.86008	2.28898	0.1471473	0.26887558	2.3773976	21	9 5.1	21.9
525420 2005 EV_{167}	18.0	X	13.45583	55.38054	206.57847	1.06775	0.1600742	0.25524346	2.4613099	21	7 1.2	20.1
525421 2005 ED_{169}	18.9	X	214.97580	177.52298	180.28427	22.12952	0.1085971	0.42908214	1.7409077	21	3 1.8	20.9
525422 2005 EQ_{169}	17.1	X	171.49018	93.60353	136.68793	23.61260	0.2967234	0.27486021	2.3427618	21	12 6.6	21.7
525423 2005 EQ_{173}	18.1	X	181.43639	10.34912	207.43071	5.26308	0.1802367	0.27752654	2.3277323	21	12 1.4	21.8
525424 2005 EZ_{178}	18.2	X	206.35362	252.94638	335.37766	6.32249	0.2516412	0.28226299	2.3016190	21	—	—
525425 2005 EP_{188}	18.5	X	242.31759	172.01304	4.03563	5.20641	0.1757344	0.28098540	2.3085904	21	12 16.2	21.2
525426 2005 EG_{191}	17.3	X	246.90907	126.64711	324.33991	5.62420	0.0185371	0.21129910	2.7917142	21	9 12.1	21.2
525427 2005 EQ_{192}	18.2	X	206.43921	341.58738	186.10136	2.85513	0.1421286	0.27597428	2.3364526	21	10 27.0	21.4
525428 2005 EV_{193}	16.9	X	339.92661	63.49353	351.00049	9.19328	0.0357175	0.21896864	2.7261396	21	11 27.8	20.6
525429 2005 EE_{198}	17.1	X	143.45941	237.13157	358.83361	8.16066	0.2274924	0.21067197	2.7972517	21	11 10.1	22.1
525430 2005 EU_{209}	16.1	X	290.72766	291.91815	342.47700	8.76943	0.0943872	0.18431920	3.0578933	21	3 13.2	20.5
525431 2005 EK_{210}	18.1	X	165.50692	237.10355	347.23352	4.30311	0.1935838	0.27523798	2.3406177	21	11 22.6	21.8
525432 2005 EN_{214}	17.9	X	228.20282	255.44739	282.46345	2.54730	0.1411772	0.28240655	2.3008389	21	12 5.5	20.7
525433 2005 EJ_{215}	18.2	X	304.89572	289.19656	199.81317	3.94031	0.1861422	0.28733917	2.2744313	21	—	—
525434 2005 ET_{215}	15.7	X	331.75199	219.93613	13.87773	10.66235	0.0236813	0.18527687	3.0473470	21	3 26.5	20.0
525435 2005 EM_{216}	17.2	X	160.10376	205.63373	14.14884	4.91371	0.0931522	0.21266519	2.7797460	21	11 6.9	21.5
525436 2005 EY_{221}	15.9	X	16.63699	92.91979	307.11654	13.46145	0.1677892	0.17055983	3.2202151	21	—	—
525437 2005 EK_{229}	16.6	X	348.59664	250.96375	151.71164	13.81736	0.1691786	0.22351395	2.6890546	21	12 10.1	19.7
525438 2005 EV_{231}	17.0	X	354.71921	220.42519	150.54949	5.21554	0.1379253	0.21632080	2.7483405	21	11 2.4	20.0
525439 2005 EV_{236}	15.5	X	256.91409	325.58087	23.10187	13.77098	0.0459886	0.19391009	2.9562134	21	5 7.8	19.8
525440 2005 ER_{239}	17.6	X	106.15080	147.07122	126.76992	2.20109	0.1666655	0.27244736	2.3565735	21	12 2.3	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525441 2005 EL_{240}	18.1	X	200.89103	136.97503	357.60128	7.03541	0.0645117	0.26918965	2.3755480	21	9 13.3	21.1
525442 2005 EC_{241}	17.5	X	191.53737	102.41260	150.04253	22.25732	0.2220132	0.28434371	2.2903770	21	—	—
525443 2005 EV_{246}	16.7	X	289.32497	251.35702	70.05662	1.78107	0.0159972	0.19285433	2.9669925	21	5 21.6	20.8
525444 2005 EQ_{253}	17.4	X	89.75309	210.48885	30.96433	4.39491	0.1527151	0.26515226	2.3996017	21	10 4.1	20.6
525445 2005 EY_{253}	17.2	X	158.69227	241.01473	334.82152	13.34500	0.0835701	0.21588869	2.7520065	21	10 27.2	21.6
525446 2005 ER_{255}	16.9	X	276.99677	281.08736	185.47418	5.67085	0.0169519	0.21804047	2.7338707	21	11 14.2	20.5
525447 2005 EC_{256}	17.8	X	249.13562	274.36066	185.57311	7.45701	0.1886453	0.21411655	2.7671703	21	9 3.2	21.8
525448 2005 EK_{258}	18.5	X	283.29893	290.56976	206.46455	2.86389	0.1474018	0.28356535	2.2945663	21	—	—
525449 2005 EQ_{261}	16.7	X	56.17037	151.89161	184.87416	10.53205	0.0039263	0.21889955	2.7267133	21	11 29.1	20.6
525450 2005 EW_{261}	16.2	X	62.38934	57.67183	212.42248	3.65848	0.0651273	0.21129841	2.7917202	21	9 17.8	19.9
525451 2005 EL_{264}	17.7	X	117.52781	258.41666	277.58129	1.37168	0.1044679	0.26059603	2.4274904	21	8 2.1	21.1
525452 2005 EM_{264}	16.4	X	351.66101	71.16699	188.77003	10.88596	0.2077767	0.18890164	3.0082383	21	5 14.4	19.6
525453 2005 EY_{264}	17.7	X	225.21443	211.33926	345.24052	5.66979	0.1223658	0.28184550	2.3038913	21	12 30.3	20.6
525454 2005 EV_{276}	16.2	X	157.58619	229.87164	192.71773	8.83614	0.0956224	0.18701967	3.0283857	21	4 23.6	20.8
525455 2005 EW_{284}	16.3	X	38.30100	343.71754	199.56070	9.42943	0.0444787	0.18653627	3.0336154	21	4 20.3	20.2
525456 2005 EY_{284}	16.4	X	156.84011	248.31286	200.58986	8.22724	0.0663030	0.19176378	2.9782307	21	5 23.2	20.9
525457 2005 EQ_{289}	16.6	X	188.50131	98.11350	121.28600	14.42082	0.1303280	0.21949491	2.7217804	21	12 7.3	21.0
525458 2005 ER_{289}	16.6	X	267.37509	34.82180	82.00337	10.52724	0.1571450	0.21966659	2.7203620	21	10 28.8	20.2
525459 2005 ER_{297}	18.8	X	292.03288	9.26285	130.22621	1.19378	0.0499807	0.28795909	2.2711659	21	—	—
525460 2005 EX_{297}	6.5	X	278.57674	232.30414	28.19899	4.80858	0.1135537	0.00339997	43.8011672	21	3 7.8	22.9
525461 2005 EN_{302}	6.9	X	149.66574	7.27268	47.79566	3.06197	0.0831423	0.00327667	44.8931954	21	4 19.5	23.7
525462 2005 EO_{304}	6.2	X	329.59568	152.20592	93.96435	3.41336	0.0687951	0.00320306	45.5784570	21	4 22.6	22.5
525463 2005 EZ_{316}	17.4	X	254.10432	306.17323	124.42702	5.91492	0.0934715	0.21106994	2.7937345	21	8 16.9	21.2
525464 2005 EX_{327}	17.5	X	298.02732	107.48944	357.72652	23.56782	0.2475536	0.28329889	2.2960049	21	11 26.5	19.8
525465 2005 EZ_{328}	18.0	X	301.71289	272.07947	148.78864	6.31619	0.0869093	0.27694912	2.3309667	21	10 23.4	20.4
525466 2005 EP_{329}	17.8	X	257.04475	284.44445	177.18096	2.55243	0.1560949	0.21649808	2.7468399	21	9 20.8	21.6
525467 2005 EM_{330}	16.1	X	214.17400	302.83391	127.32671	15.91720	0.1254864	0.20335457	2.8639587	21	6 28.5	20.7
525468 2005 EL_{331}	16.8	X	1.36018	74.94842	167.40324	12.49029	0.0277732	0.19303298	2.9651617	21	5 17.1	21.0
525469 2005 EW_{333}	17.6	X	67.20637	146.51757	119.17564	1.39716	0.0188914	0.20937778	2.8087666	21	9 13.0	21.2
525470 2005 EC_{334}	17.8	X	193.45382	303.68860	338.87351	2.30378	0.1471673	0.29232373	2.2485023	21	—	—
525471 2005 ED_{334}	16.6	X	241.74879	5.34089	11.68518	1.17253	0.1632049	0.19982631	2.8975723	21	5 16.7	21.0
525472 2005 EE_{334}	17.1	X	305.31317	34.88939	358.91228	5.99782	0.0460494	0.20945518	2.8080746	21	9 13.7	20.5
525473 2005 EH_{334}	17.7	X	167.82963	132.41272	13.46422	6.31610	0.1636295	0.26430232	2.4047434	21	8 21.1	21.5
525474 2005 EP_{334}	16.9	X	88.65134	301.26127	20.09108	6.28080	0.0263895	0.21877591	2.7277405	21	12 21.3	20.8
525475 2005 EQ_{334}	17.7	X	191.49810	145.98025	23.81863	3.46301	0.1812528	0.27115435	2.3640591	21	10 10.6	21.4
525476 2005 ET_{334}	16.8	X	174.74832	353.03770	189.27423	13.81743	0.1409960	0.21059273	2.7979533	21	10 7.0	21.2
525477 2005 FC_{3}	19.3	X	280.65695	88.34899	157.99217	9.86487	0.5882634	0.35524905	1.9744559	21	—	—
525478 2005 FS_{3}	17.8	X	192.84836	220.89124	5.90691	24.60943	0.1350404	0.28160541	2.3052006	21	12 31.1	21.7
525479 2005 FV_{13}	16.4	X	70.10747	319.06090	187.90588	7.77020	0.0317996	0.18551317	3.0447587	21	4 16.1	20.4
525480 2005 FR_{15}	17.6	X	155.54764	11.35879	225.51412	2.32770	0.1241726	0.27516859	2.3410111	21	12 2.7	20.9
525481 2005 FW_{15}	18.2	X	241.26483	53.97022	155.84358	2.78340	0.0991253	0.28650652	2.2788358	21	—	—
525482 2005 FT_{16}	18.2	X	266.52357	152.56288	7.93169	6.72914	0.1027199	0.28496452	2.2870493	21	—	—
525483 2005 FV_{16}	18.0	X	242.40746	12.76105	190.37743	4.44448	0.1968145	0.28672689	2.2776681	21	—	—
525484 2005 GL	21.2	X	269.17149	265.34473	43.61610	15.89623	0.3062235	0.90804134	1.0561663	21	—	—
525485 2005 GN_{3}	17.7	X	176.90203	102.03454	85.36733	3.29022	0.1488106	0.27092694	2.3653818	21	10 21.9	21.4
525486 2005 GY_{3}	16.7	X	66.03096	159.59483	159.81217	5.96841	0.0236792	0.21241729	2.7819083	21	11 21.4	20.6
525487 2005 GJ_{15}	16.7	X	216.09444	234.15380	144.29470	0.44070	0.0383745	0.19025116	2.9939957	21	5 1.1	21.0
525488 2005 GZ_{15}	18.7	X	196.49174	160.05162	21.73227	1.81501	0.1156986	0.27554661	2.3388695	21	11 5.2	21.9
525489 2005 GU_{25}	16.7	X	331.03293	191.17214	201.50331	7.37557	0.1029642	0.20950396	2.8076387	21	10 17.5	19.9
525490 2005 GO_{26}	17.5	X	118.94693	185.29254	27.51640	1.09296	0.1978904	0.20272479	2.8698871	21	9 25.1	22.1
525491 2005 GZ_{31}	17.0	X	254.64175	133.99974	277.30863	0.97449	0.0642958	0.20251307	2.8718870	21	7 26.1	20.8
525492 2005 GM_{49}	18.5	X	170.76954	188.84930	52.27952	2.28633	0.1476786	0.27633292	2.3344306	21	12 21.8	22.1
525493 2005 GA_{53}	16.8	X	227.77282	105.62332	37.73385	13.20526	0.1227254	0.21035850	2.8000299	21	10 15.8	20.9
525494 2005 GP_{55}	18.0	X	196.62348	61.44032	157.80678	1.47763	0.1386146	0.27815698	2.3242138	21	12 21.9	21.4
525495 2005 GE_{56}	16.7	X	25.18367	183.18834	194.68349	11.72610	0.0481221	0.21841695	2.7307283	21	12 16.0	20.5
525496 2005 GB_{58}	16.7	X	139.55244	74.03458	36.65759	8.43511	0.1401931	0.19236212	2.9720516	21	6 4.4	21.5
525497 2005 GD_{58}	16.3	X	289.11859	243.87867	36.41942	9.81374	0.0721050	0.18141617	3.0904287	21	3 26.4	20.7
525498 2005 GE_{60}	22.1	X	344.02546	112.86181	229.72580	5.57475	0.2458540	1.04984705	0.9587794	21	—	—
525499 2005 GQ_{62}	17.3	X	152.56029	296.99467	205.54425	1.39301	0.0127927	0.20270081	2.8701135	21	7 21.6	21.3
525500 2005 GL_{63}	18.2	X	204.61157	180.99311	48.70607	10.73876	0.2992221	0.28148337	2.3058668	21	12 26.5	21.9
525501 2005 GX_{73}	17.7	X	341.57657	318.93782	183.28505	22.66075	0.0318143	0.34964988	1.9954789	21	—	—
525502 2005 GF_{77}	17.8	X	146.87841	26.39517	218.88365	6.03068	0.1028137	0.27399577	2.3476867	21	12 5.0	21.2
525503 2005 GF_{82}	16.0	X	154.54810	257.74678	162.49045	15.61849	0.1353850	0.19301947	2.9653000	21	4 22.7	20.8
525504 2005 GK_{83}	18.0	X	96.54084	203.43079	358.27283	4.13584	0.1210062	0.26202821	2.4186369	21	8 15.5	21.1
525505 2005 GF_{90}	18.1	X	138.97166	248.97748	345.51683	4.91296	0.1379150	0.27086899	2.3657192	21	11 10.9	21.9
525506 2005 GL_{90}	17.6	X	129.96734	261.49063	298.28388	2.01033	0.1174006	0.26458191	2.4030490	21	9 17.8	21.1
525507 2005 GH_{91}	17.9	X	209.65331	245.65381	272.92232	2.88715	0.1529634	0.27309694	2.3528351	21	10 15.2	21.2
525508 2005 GS_{105}	17.5	X	246.81345	285.40981	155.46823	2.74679	0.1510537	0.26544711	2.3978245	21	8 15.3	20.6
525509 2005 GK_{112}	18.4	X	210.53224	208.46144	358.07620	5.53239	0.1772681	0.27873301	2.3210105	21	12 16.2	21.7
525510 2005 GT_{114}	16.7	X	87.71833	121.94344	31.58861	2.76930	0.0543303	0.18878959	3.0094285	21	5 19.4	20.8
525511 2005 GY_{119}	17.8	X	234.13078	256.05320	213.02259	20.74932	0.3121736	0.27068725	2.3667780	21	8 15.1	22.1
525512 2005 GB_{124}	17.9	X	145.11393	345.42919	260.80472	1.68951	0.1462250	0.27663796	2.3327142	21	12 3.8	21.3
525513 2005 GW_{125}	17.0	X	162.69896	18.68979	182.11330	10.04967	0.1074768	0.21279733	2.7785951	21	10 19.9	21.3
525514 2005 GB_{127}	17.0	X	75.80284	241.40271	80.82029	3.27807	0.0740319	0.21272638	2.7792129	21	12 11.9	21.0
525515 2005 GJ_{137}	17.2	X	90.70643	153.44943	173.86165	5.35850	0.0457184	0.21780991	2.7357997	21	—	—
525516 2005 GT_{142}	15.6	X	112.10108	210.99423	215.04504	14.92905	0.0350019	0.17839241	3.1252527	21	2 23.3	20.3
525517 2005 GY_{143}	16.6	X	55.67638	176.57541	154.64691	7.02316	0.0770295	0.20979064	2.8050804	21	11 30.3	20.6
525518 2005 GX_{146}	16.0	X	285.19336	264.82455	24.54605	25.81754	0.2417736	0.17877715	3.1207672	21	3 19.1	21.0
525519 2005 GO_{148}	17.4	X	172.69499	248.70598	321.51967	3.50855	0.1458053	0.27331772	2.3515679	21	11 13.5	20.9
525520 2005 GT_{149}	15.5	X	245.26161	256.84325	57.76044	16.91381	0.2173531	0.17504300	3.1649939	21	3 13.9	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525521 2005 GC_{151}	18.6	X	218.48570	114.70246	131.80176	3.07357	0.1871833	0.28339109	2.2955068	21	—	—
525522 2005 GF_{151}	18.2	X	162.81123	108.91041	160.29896	3.13465	0.2086689	0.27668143	2.3324699	21	—	—
525523 2005 GU_{155}	18.2	X	144.99544	188.85629	64.96561	2.35812	0.1624027	0.27291819	2.3538623	21	12 12.3	21.7
525524 2005 GX_{155}	18.0	X	195.63752	146.33655	87.35572	2.06548	0.0601647	0.27951666	2.3166704	21	—	—
525525 2005 GY_{157}	16.5	X	106.06876	205.00536	40.56942	9.72252	0.0797090	0.20465350	2.8518276	21	10 14.4	20.6
525526 2005 GS_{158}	16.2	X	342.13522	10.43153	257.88522	5.87107	0.1404897	0.18724653	3.0259392	21	5 11.5	19.8
525527 2005 GS_{159}	16.3	X	294.99492	92.94456	195.84213	9.09967	0.0648190	0.18330808	3.0691278	21	4 11.0	20.5
525528 2005 GE_{160}	17.9	X	127.29526	148.98121	97.69401	2.61448	0.1509655	0.26891829	2.3771458	21	11 17.4	21.5
525529 2005 GM_{160}	16.8	X	23.86965	173.53753	58.23391	4.24265	0.0893761	0.18931387	3.0038697	21	6 3.7	20.6
525530 2005 GE_{162}	17.9	X	226.38852	24.29372	211.57203	3.51822	0.0878208	0.28432626	2.2904707	21	—	—
525531 2005 GB_{173}	15.8	X	295.58691	139.21000	54.68656	9.29645	0.0175778	0.16858136	3.2453610	21	—	—
525532 2005 GO_{174}	18.2	X	202.65835	190.75696	57.37071	5.86753	0.2228521	0.28131722	2.3067746	21	—	—
525533 2005 GS_{174}	16.5	X	22.56408	38.08900	177.51967	7.10179	0.1129755	0.18651539	3.0338418	21	5 13.9	20.2
525534 2005 GW_{175}	16.4	X	333.90600	178.07117	78.94978	13.43377	0.0332320	0.18400075	3.0614205	21	4 30.7	20.7
525535 2005 GT_{176}	17.0	X	179.93402	139.45355	75.90826	9.05836	0.1624220	0.21279521	2.7786136	21	11 20.3	21.6
525536 2005 GN_{178}	16.0	X	19.11858	164.19605	64.29505	11.66311	0.0295364	0.18755591	3.0226107	21	5 21.3	20.0
525537 2005 GM_{211}	18.1	X	162.15420	35.97425	182.65210	0.98035	0.1391595	0.27234430	2.3571679	21	11 15.4	21.6
525538 2005 GF_{217}	16.3	X	150.73634	276.09961	192.90191	12.81276	0.1125489	0.19489296	2.9462659	21	6 13.2	21.1
525539 2005 GB_{218}	18.9	X	20.50461	85.06819	8.35765	18.91924	0.1214613	0.35357462	1.9806846	21	—	—
525540 2005 GT_{219}	17.9	X	240.15426	105.71443	355.51753	6.73380	0.1245804	0.27306550	2.3530157	21	9 9.4	21.0
525541 2005 GS_{221}	18.4	X	160.97780	205.78423	101.33948	4.57745	0.2672784	0.28124338	2.3071784	21	—	—
525542 2005 GS_{222}	16.6	X	156.55569	309.99332	151.85626	3.03415	0.0728757	0.19226624	2.9730396	21	6 8.1	21.0
525543 2005 GH_{223}	17.5	X	153.00833	64.56530	95.25594	7.40695	0.0468449	0.25998296	2.4313051	21	8 21.5	20.8
525544 2005 GJ_{223}	17.0	X	97.60278	213.99390	85.19046	7.28937	0.2648491	0.26880185	2.3778322	21	12 29.8	21.1
525545 2005 GO_{229}	17.3	X	355.98048	6.28869	23.30084	2.97233	0.1636465	0.28133784	2.3066619	21	12 19.5	19.5
525546 2005 GA_{230}	18.5	X	222.94917	202.37959	25.42213	7.79970	0.2132591	0.28424715	2.2908956	21	—	—
525547 2005 GE_{230}	16.2	X	277.05346	281.38881	28.18684	9.67406	0.1059615	0.18624607	3.0367658	21	4 9.6	20.5
525548 2005 GF_{230}	16.5	X	247.31946	286.68555	19.86430	10.61670	0.0296948	0.18068414	3.0987701	21	3 14.4	21.0
525549 2005 HJ_{2}	18.5	X	145.40238	245.95662	38.53513	22.34500	0.0670367	0.40072504	1.8220980	21	—	—
525550 2005 HW_{3}	16.8	X	156.07843	153.60856	66.19821	10.52419	0.1497065	0.20990002	2.8041058	21	11 5.6	21.3
525551 2005 HQ_{4}	17.4	X	148.74635	200.44463	45.60672	10.15828	0.2599542	0.21158813	2.7891713	21	11 27.1	22.4
525552 2005 JB	18.8	X	251.47644	1.16903	217.89937	36.62327	0.4517237	0.34720425	2.0048384	21	—	—
525553 2005 JG_{10}	16.3	X	141.80634	39.59563	32.54686	11.22127	0.0485902	0.18401006	3.0613172	21	4 14.1	20.8
525554 2005 JK_{18}	18.1	X	208.11868	310.91564	236.03729	2.21897	0.1735175	0.27488461	2.3426232	21	11 18.7	21.5
525555 2005 JM_{25}	17.6	X	253.45343	268.77443	213.41491	4.53018	0.0889057	0.27113152	2.3641918	21	10 31.3	20.5
525556 2005 JZ_{30}	17.4	X	75.62306	308.50558	18.46815	5.58914	0.1094553	0.27594629	2.3366106	21	—	—
525557 2005 JA_{31}	18.4	X	209.27122	252.15709	357.58484	0.46987	0.1874443	0.28411393	2.2916117	21	—	—
525558 2005 JY_{40}	17.6	X	27.43080	244.27648	196.27653	2.52507	0.1319731	0.28601961	2.2814214	21	—	—
525559 2005 JY_{42}	17.5	X	33.47732	125.49943	124.35940	3.51021	0.1691138	0.25219518	2.4811034	21	7 26.0	19.7
525560 2005 JQ_{46}	16.3	X	330.88060	55.16431	216.36487	10.42704	0.1036749	0.18482279	3.0523362	21	5 2.9	20.2
525561 2005 JH_{51}	17.8	X	132.38718	15.02706	152.24806	2.88771	0.1321921	0.25843608	2.4409973	21	8 9.6	21.4
525562 2005 JS_{52}	18.2	X	180.09076	146.49637	52.13776	2.02643	0.1339726	0.27156392	2.3616816	21	11 7.9	21.7
525563 2005 JA_{54}	16.3	X	38.46330	100.21080	77.66161	11.43701	0.0910763	0.18244618	3.0787862	21	4 21.7	20.3
525564 2005 JM_{54}	16.6	X	150.61354	281.49259	205.08048	14.00080	0.0393554	0.25300928	2.4757783	21	6 28.3	20.2
525565 2005 JO_{56}	19.0	X	190.12971	32.73152	206.72053	19.08211	0.0442355	0.39880395	1.8279448	21	—	—
525566 2005 JR_{56}	17.8	X	135.84543	144.37045	129.49213	13.37188	0.2187199	0.27099710	2.3649735	21	12 28.5	21.9
525567 2005 JJ_{61}	16.5	X	270.69648	189.24495	98.29349	9.72624	0.0497940	0.17560656	3.1582189	21	3 18.5	21.2
525568 2005 JB_{65}	18.0	X	263.37107	20.10737	139.95302	3.40297	0.1161655	0.27969340	2.3156944	21	—	—
525569 2005 JT_{79}	17.4	X	75.62404	247.56495	29.93188	1.65844	0.1596769	0.26270142	2.4145031	21	11 3.7	20.6
525570 2005 JH_{88}	16.3	X	22.75575	164.15667	36.28077	16.77101	0.2246883	0.18377993	3.0638723	21	4 26.9	19.0
525571 2005 JU_{92}	15.9	X	18.77307	139.00681	38.31060	11.41066	0.0261821	0.17797413	3.1301474	21	3 21.9	20.2
525572 2005 JU_{94}	17.9	X	296.65837	278.33873	49.97277	17.50291	0.2612308	0.24522711	2.5278835	21	5 1.2	21.3
525573 2005 JJ_{96}	16.4	X	352.44627	25.78832	202.16575	10.47056	0.0666187	0.18578290	3.0418110	21	4 11.3	20.3
525574 2005 JE_{97}	17.4	X	25.14967	267.37669	66.45010	15.17917	0.1249805	0.26340599	2.4101956	21	11 10.8	20.2
525575 2005 JN_{102}	16.6	X	204.20469	103.90888	97.18558	12.01419	0.0693202	0.21256552	2.7806148	21	12 4.9	20.6
525576 2005 JC_{106}	17.0	X	235.42988	70.88790	59.71364	10.61644	0.1676449	0.20990341	2.8040756	21	10 5.5	21.3
525577 2005 JZ_{113}	15.7	X	95.42066	212.57018	209.17270	8.19709	0.0175797	0.17130631	3.2108533	21	1 30.2	20.3
525578 2005 JR_{114}	16.2	X	330.55612	221.27210	74.89225	13.09058	0.1230150	0.18807654	3.0170300	21	6 1.9	19.9
525579 2005 JJ_{117}	17.7	X	142.70696	182.03391	111.48969	5.50995	0.1481197	0.27590992	2.3368159	21	—	—
525580 2005 JA_{122}	16.3	X	23.08890	73.79648	139.83464	12.22346	0.0529667	0.18345057	3.0675384	21	5 12.5	20.5
525581 2005 JP_{124}	17.3	X	195.50484	34.16869	89.82172	7.47199	0.0663819	0.25989731	2.4318392	21	8 24.8	20.7
525582 2005 JZ_{130}	16.6	X	88.78377	240.26415	84.10339	15.71209	0.1850245	0.21022808	2.8011879	21	—	—
525583 2005 JT_{136}	17.9	X	139.50032	165.96266	77.38444	7.61675	0.2132364	0.27080996	2.3660630	21	11 25.1	21.8
525584 2005 JJ_{138}	17.8	X	140.80332	191.34570	113.97739	7.27397	0.1654088	0.27687586	2.3313778	21	—	—
525585 2005 JK_{138}	16.2	X	122.38105	28.07578	93.86871	12.31274	0.0615796	0.18597727	3.0396912	21	5 26.2	20.6
525586 2005 JS_{143}	17.8	X	115.13513	145.70360	123.91758	2.92980	0.1917792	0.26749005	2.3856000	21	12 5.6	21.6
525587 2005 JG_{153}	18.3	X	225.50687	147.70252	34.54144	4.58241	0.1382594	0.27895729	2.3197663	21	12 7.3	21.3
525588 2005 JG_{159}	15.6	X	158.41952	157.99893	233.42924	14.85557	0.0808644	0.17661255	3.1462146	21	3 11.2	20.6
525589 2005 JJ_{159}	15.9	X	37.83761	144.99462	39.66003	16.94051	0.0487165	0.18295290	3.0730988	21	4 23.0	20.0
525590 2005 JO_{161}	17.9	X	126.87910	147.12256	124.88374	3.27332	0.1603062	0.27092090	2.3654170	21	12 18.2	21.6
525591 2005 JA_{163}	17.7	X	189.22173	52.07502	171.66891	1.64886	0.0673766	0.27476939	2.3432780	21	12 26.6	20.7
525592 2005 JV_{164}	17.8	X	101.70459	58.32819	241.57665	1.35542	0.1580413	0.27011705	2.3701075	21	12 29.0	21.5
525593 2005 JL_{171}	18.4	X	248.37384	79.63874	96.75719	0.81517	0.1571904	0.28070116	2.3101486	21	12 29.1	20.9
525594 2005 JT_{171}	18.3	X	171.78623	222.67570	18.66479	2.40719	0.1771546	0.27526702	2.3404530	21	12 20.9	22.0
525595 2005 JP_{179}	6.7	X	65.33280	25.47500	137.94890	2.09450	0.0247552	0.00350009	42.9618454	21	5 12.5	23.0
525596 2005 JR_{179}	6.8	X	85.38298	60.32989	71.10748	3.74522	0.1120367	0.00307268	46.8588097	21	5 10.7	23.5
525597 2005 JN_{183}	16.8	X	130.26573	232.67390	41.64127	5.47162	0.0896738	0.21173947	2.7878421	21	12 12.9	21.0
525598 2005 JS_{184}	17.2	X	95.49185	120.31295	41.64326	0.45090	0.0880276	0.18924390	3.0046101	21	6 14.7	21.5
525599 2005 JU_{186}	16.8	X	223.50690	301.95083	227.87200	4.10214	0.0634688	0.21105932	2.7938282	21	11 17.8	20.7
525600 2005 JA_{187}	15.6	X	347.57222	125.19045	122.98839	12.41595	0.0278008	0.18402783	3.0611202	21	5 8.4	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525601 2005 JH_{187}	16.2	X	40.03528	324.57713	227.78419	5.62675	0.1160335	0.18598125	3.0396478	21	5 10.3	19.8
525602 2005 JJ_{187}	16.8	X	295.17220	84.50606	202.70462	6.97903	0.1600674	0.17821012	3.1273836	21	3 26.0	21.3
525603 2005 JK_{187}	18.2	X	212.48323	113.29581	126.98995	3.07064	0.1781149	0.28039433	2.3118336	21	—	—
525604 2005 KU_{3}	17.4	X	278.53303	290.96485	203.95600	6.24791	0.0691182	0.27729824	2.3290097	21	12 29.5	20.1
525605 2005 KQ_{7}	17.3	X	269.50680	114.66838	173.46909	29.22255	0.3382482	0.23317912	2.6142249	21	2 5.3	22.3
525606 2005 KD_{12}	17.5	X	201.90052	139.00892	62.44877	23.89941	0.1929204	0.27507564	2.3415385	21	11 27.9	21.0
525607 2005 KW_{14}	18.2	X	173.57721	43.94884	227.15297	4.87124	0.1520421	0.27787249	2.3257999	21	—	—
525608 2005 LF_{7}	18.4	X	159.01142	113.17489	159.60071	2.80811	0.1997087	0.27481907	2.3429956	21	—	—
525609 2005 LA_{16}	16.5	X	356.60558	141.79867	146.47380	5.63985	0.1535626	0.18454267	3.0554242	21	7 5.6	19.8
525610 2005 LH_{16}	17.1	X	326.21618	74.50205	270.17036	11.66371	0.2056852	0.24673420	2.5175793	21	7 21.1	19.5
525611 2005 LW_{26}	17.4	X	287.31140	272.98146	105.47734	4.96842	0.2800350	0.24381608	2.5376272	21	6 21.9	20.8
525612 2005 LD_{27}	16.2	X	21.51579	199.46727	105.51708	11.69471	0.1033505	0.19054438	2.9909233	21	9 14.6	20.1
525613 2005 LP_{27}	17.2	X	313.04688	196.08441	90.32960	14.58124	0.1488069	0.24302289	2.5431458	21	4 20.5	20.6
525614 2005 LN_{29}	17.6	X	55.21605	240.44697	73.57558	3.18164	0.2090431	0.26255778	2.4153836	21	12 4.2	20.8
525615 2005 LY_{31}	17.3	X	42.92953	229.80915	117.89996	7.81570	0.1295572	0.26622083	2.3931763	21	12 23.0	20.3
525616 2005 LQ_{38}	16.2	X	238.05325	72.77023	237.44425	25.23136	0.2731007	0.16947666	3.2339213	21	2 10.4	22.3
525617 2005 LA_{47}	16.9	X	13.97193	177.87287	144.50924	6.46795	0.1300846	0.25324163	2.4742637	21	10 5.1	19.5
525618 2005 LN_{47}	17.2	X	303.40696	38.73677	248.38600	9.19648	0.1486186	0.24081617	2.5586583	21	3 27.0	20.7
525619 2005 LV_{53}	16.5	X	220.35325	106.96534	294.93458	27.96394	0.1028607	0.23756939	2.5819177	21	5 29.7	20.8
525620 2005 LL_{54}	18.1	X	165.50376	26.41796	273.13413	3.89624	0.2384419	0.27481639	2.3430108	21	—	—
525621 2005 MV_{2}	15.7	X	343.05798	0.09743	285.00686	18.19710	0.2453531	0.18169875	3.0872236	21	5 25.6	19.2
525622 2005 MQ_{6}	17.5	X	123.37982	325.98459	297.39707	2.65254	0.2002546	0.26466688	2.4025346	21	12 4.3	21.4
525623 2005 MD_{9}	16.1	X	68.68511	353.61862	273.90851	7.60412	0.1433703	0.19300897	2.9654075	21	9 29.2	20.4
525624 2005 MU_{10}	16.3	X	298.48341	225.29156	100.20181	6.97619	0.2872454	0.18238892	3.0794306	21	5 1.7	20.7
525625 2005 MQ_{16}	15.8	X	266.43694	98.74436	264.30269	14.65904	0.0469094	0.17785181	3.1315825	21	6 10.9	20.2
525626 2005 MD_{25}	17.3	X	345.57785	7.88909	282.12380	5.98332	0.1580633	0.24339990	2.5405190	21	6 14.3	19.8
525627 2005 MW_{25}	17.6	X	297.63468	157.79601	136.35251	2.44415	0.1776004	0.23528953	2.5985694	21	3 30.4	21.0
525628 2005 MB_{27}	16.9	X	284.18387	238.00703	124.07354	15.82226	0.1582048	0.24192545	2.5508310	21	6 16.2	20.4
525629 2005 MT_{27}	15.9	X	279.40263	212.12669	147.20232	14.47870	0.1408904	0.17898059	3.1184020	21	6 10.9	20.6
525630 2005 MT_{34}	17.4	X	64.04714	33.45132	300.72624	5.59053	0.1544690	0.26093395	2.4253941	21	—	—
525631 2005 MF_{40}	17.3	X	39.69652	191.43926	134.10443	13.01078	0.1822818	0.25679615	2.4513785	21	11 28.9	20.6
525632 2005 MB_{41}	16.7	X	254.93137	54.93434	301.18009	13.46293	0.1274456	0.23636467	2.5906834	21	4 30.3	20.8
525633 2005 MR_{42}	17.2	X	240.86119	247.06223	138.96713	13.94013	0.2918454	0.23489079	2.6015093	21	5 20.2	21.9
525634 2005 MG_{49}	18.3	X	146.92492	85.83213	205.70083	4.65936	0.1548412	0.27113587	2.3641665	21	—	—
525635 2005 NW_{5}	16.2	X	26.70580	29.56573	227.52571	4.55172	0.1247552	0.18964230	3.0004006	21	7 15.5	19.7
525636 2005 NU_{6}	16.3	X	328.76878	100.23841	284.76521	8.34653	0.0692090	0.19227171	2.9729832	21	9 27.2	20.3
525637 2005 NT_{10}	18.0	X	140.37879	200.22080	123.12268	2.03581	0.2053353	0.27398438	2.3477518	21	—	—
525638 2005 NH_{15}	16.0	X	132.93941	79.34928	112.61075	10.39781	0.0369485	0.18993699	2.9972963	21	9 4.1	20.4
525639 2005 NJ_{15}	16.9	X	290.64369	4.05201	298.88155	11.37068	0.1743468	0.23562525	2.5961005	21	3 26.1	20.9
525640 2005 NV_{16}	18.6	X	30.05497	315.63210	119.91315	24.54036	0.0549763	0.39742820	1.8321608	21	—	—
525641 2005 NJ_{24}	15.8	X	294.10285	182.17478	154.10490	10.82624	0.1087627	0.17881792	3.1202928	21	6 4.9	20.3
525642 2005 NV_{24}	16.1	X	314.32493	228.12911	158.56418	11.47636	0.0940887	0.18846121	3.0129232	21	9 10.6	19.9
525643 2005 ND_{25}	16.2	X	50.75340	134.04250	159.92702	10.46582	0.0515702	0.19131865	2.9828483	21	10 2.4	20.3
525644 2005 NN_{25}	16.3	X	9.31316	208.25430	149.88094	12.13800	0.1756012	0.19241919	2.9714639	21	11 11.6	19.9
525645 2005 NT_{30}	17.9	X	110.11325	213.49928	114.84486	3.56638	0.2171373	0.26906214	2.3762985	21	—	—
525646 2005 NV_{34}	16.9	X	66.14751	276.09964	77.39501	1.68977	0.2446780	0.20132175	2.8832054	21	—	—
525647 2005 NB_{36}	17.8	X	85.14415	86.77208	177.46215	1.49842	0.1681318	0.25599718	2.4564764	21	10 28.7	21.3
525648 2005 NV_{38}	15.7	X	10.62706	285.59139	295.00945	17.42970	0.1220320	0.17563556	3.1578712	21	4 21.8	19.9
525649 2005 NY_{42}	17.3	X	260.48841	60.63431	292.64108	12.51929	0.1840478	0.23582706	2.5946192	21	4 27.0	21.5
525650 2005 NL_{43}	16.9	X	227.34068	45.08486	304.91151	14.22462	0.3061249	0.22781688	2.6550872	21	3 17.1	22.0
525651 2005 NO_{43}	17.5	X	65.39119	209.42114	150.68285	2.45854	0.2071793	0.26554276	2.3972486	21	—	—
525652 2005 NP_{44}	17.0	X	25.98722	316.92574	283.11884	16.41814	0.1391619	0.24330534	2.5411773	21	6 22.3	19.6
525653 2005 NQ_{45}	18.4	X	168.67560	1.41207	280.37080	3.56751	0.1916775	0.27320277	2.3522274	21	—	—
525654 2005 NR_{45}	17.0	X	0.54179	140.04560	196.93806	1.49570	0.1032836	0.18924442	3.0046046	21	9 17.9	20.6
525655 2005 NY_{45}	16.5	X	27.54897	187.86580	130.75389	10.53775	0.0653195	0.19122109	2.9838628	21	10 6.4	20.5
525656 2005 NH_{49}	16.1	X	286.09098	222.65960	142.97169	7.30154	0.1709965	0.24347266	2.5400128	21	6 20.1	19.4
525657 2005 NG_{50}	17.0	X	152.44310	188.33494	286.32335	13.29737	0.0475291	0.24095608	2.5576678	21	6 17.2	20.5
525658 2005 NO_{51}	16.4	X	308.85762	71.48568	259.57791	7.93367	0.0332004	0.18198010	3.0840408	21	6 26.8	20.5
525659 2005 NT_{52}	16.3	X	319.52880	212.11451	129.03383	17.26010	0.2265131	0.18297691	3.0728299	21	7 1.3	20.0
525660 2005 NA_{55}	15.8	X	245.81105	207.71674	151.04329	6.86972	0.1479351	0.17289633	3.1911376	21	5 3.8	20.8
525661 2005 NW_{56}	17.9	X	162.25598	188.82048	100.24430	2.20843	0.1835416	0.27307281	2.3529737	21	—	—
525662 2005 NN_{58}	17.6	X	246.25946	202.38619	157.46304	8.41957	0.1712662	0.23162038	2.6259404	21	4 30.1	21.8
525663 2005 NL_{59}	18.2	X	149.62700	3.57703	297.22337	4.85650	0.2280119	0.27266017	2.3553471	21	—	—
525664 2005 NU_{59}	17.4	X	110.06826	319.11384	305.22052	6.10014	0.0954557	0.26033267	2.4291273	21	11 16.1	21.0
525665 2005 NW_{59}	17.3	X	257.63490	232.10599	121.12820	16.76690	0.2033792	0.23519828	2.5992415	21	5 4.2	21.7
525666 2005 NV_{62}	16.1	X	341.48061	318.44088	323.43554	9.85397	0.0415866	0.17591561	3.1545189	21	6 6.4	20.5
525667 2005 NP_{68}	16.0	X	97.35251	99.30555	127.06837	14.56522	0.0882457	0.18921366	3.0049303	21	9 11.6	20.5
525668 2005 NO_{69}	18.3	X	144.56612	116.16960	185.27522	1.06551	0.1957368	0.27207608	2.3587169	21	—	—
525669 2005 NW_{75}	16.4	X	337.90422	6.51854	287.37862	9.95163	0.0274998	0.18128232	3.0919496	21	6 19.1	20.6
525670 2005 NC_{77}	15.7	X	244.65803	80.52407	290.53537	25.51654	0.1598024	0.17351712	3.1835219	21	5 9.6	21.1
525671 2005 NC_{78}	16.2	X	285.64841	36.87582	306.64059	9.64709	0.0972974	0.17742255	3.1366315	21	6 2.1	20.7
525672 2005 NJ_{78}	17.4	X	86.54226	20.51607	298.32723	1.78009	0.3281485	0.20108576	2.8854607	21	—	—
525673 2005 NH_{83}	16.1	X	288.57513	85.42328	273.18127	8.78186	0.0935640	0.18081230	3.0973057	21	6 26.8	20.2
525674 2005 NN_{94}	18.3	X	183.52678	147.14772	117.20033	2.43066	0.1612997	0.27412322	2.3469590	21	—	—
525675 2005 NQ_{94}	16.3	X	97.12782	281.17578	280.74494	10.44497	0.0408977	0.18489026	3.0515936	21	7 29.7	20.7
525676 2005 NQ_{95}	17.1	X	317.85749	45.43999	299.06940	3.97131	0.1890137	0.24553650	2.5257596	21	7 8.5	19.5
525677 2005 NH_{102}	17.5	X	128.86708	146.86525	128.73262	4.88375	0.1864114	0.26494231	2.4008692	21	12 23.6	21.3
525678 2005 NM_{102}	17.2	X	242.39736	20.22704	319.10558	7.49745	0.3351308	0.22844450	2.6502219	21	3 17.9	22.1
525679 2005 NR_{126}	17.1	X	330.61859	1.45516	276.62788	8.91258	0.1763614	0.23789280	2.5795772	21	4 21.3	20.1
525680 2005 OH_{28}	18.2	X	131.00238	1.06753	328.87426	1.78348	0.2018474	0.27028602	2.3691197	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525681 2005 PO_4	16.8	X	71.65722	228.84364	44.79880	11.35128	0.2248839	0.25639719	2.4539208	21	11 2.2	20.2
525682 2005 PJ_5	17.5	X	286.20429	197.80837	136.91467	3.51646	0.2193024	0.23682138	2.5873516	21	5 3.1	21.2
525683 2005 PK_{19}	17.1	X	308.45216	134.65492	147.78663	13.34227	0.2542896	0.23595177	2.5937049	21	3 18.9	20.6
525684 2005 QK_{20}	15.5	X	10.02276	341.33347	342.02776	6.56551	0.2576762	0.12374404	3.9882881	21	9 18.8	19.8
525685 2005 QQ_{23}	18.0	X	171.28169	267.41711	21.22885	2.65201	0.2048432	0.27077039	2.3662935	21	—	—
525686 2005 QF_{25}	17.3	X	305.13148	358.09557	1.45458	12.77692	0.2022062	0.24014809	2.5634014	21	7 7.9	20.5
525687 2005 QS_{25}	17.2	X	243.91440	331.19007	11.66167	6.83590	0.2615330	0.22781027	2.6551385	21	3 29.7	21.7
525688 2005 QU_{26}	17.8	X	238.63916	57.31469	8.93008	13.02789	0.2575441	0.23549118	2.5970858	21	7 8.3	22.3
525689 2005 QG_{35}	17.0	X	187.44062	247.92402	161.18231	18.31123	0.2777739	0.22558339	2.6725836	21	5 10.5	22.1
525690 2005 QB_{44}	17.7	X	76.35811	332.42024	348.72146	6.74875	0.3314073	0.19821801	2.9132247	21	—	—
525691 2005 QJ_{52}	16.8	X	97.35920	65.04183	176.42474	5.62867	0.1212839	0.18906242	3.0065326	21	10 1.0	21.3
525692 2005 QM_{60}	17.4	X	307.32663	343.20138	321.62459	7.90226	0.2947575	0.23624629	2.5915488	21	4 3.1	21.1
525693 2005 QP_{67}	16.3	X	278.94252	198.41166	145.18414	6.33955	0.1744439	0.17168857	3.2060857	21	5 16.9	21.0
525694 2005 QR_{69}	17.4	X	300.30437	195.84875	129.28764	15.52685	0.2499335	0.23727799	2.5840312	21	5 8.4	21.1
525695 2005 QL_{70}	16.9	X	254.51639	55.36256	315.95175	7.48116	0.1631202	0.23383576	2.6093286	21	5 19.2	20.9
525696 2005 QF_{78}	18.4	X	154.65569	127.62558	181.64549	3.81603	0.2826070	0.27175021	2.3606021	21	—	—
525697 2005 QJ_{89}	15.6	X	248.54287	85.18031	312.75508	12.18065	0.0757947	0.17839954	3.1251694	21	7 1.0	20.2
525698 2005 QY_{100}	15.6	X	13.63170	25.49530	286.11326	4.45078	0.2080677	0.12264260	4.0121315	21	9 5.1	20.2
525699 2005 QE_{102}	17.7	X	298.65462	83.79656	235.72488	3.08141	0.2328325	0.23570848	2.5954893	21	4 24.4	21.3
525700 2005 QB_{103}	18.2	X	349.22715	51.50313	261.57710	1.79690	0.2088995	0.30580905	2.1819050	21	8 1.2	19.1
525701 2005 QW_{110}	17.7	X	242.54816	165.73960	201.82632	2.48028	0.2085009	0.23088007	2.6315507	21	4 30.9	21.9
525702 2005 QZ_{111}	17.7	X	268.13766	176.38453	174.97588	2.48252	0.1391614	0.23346327	2.6121033	21	5 14.1	21.5
525703 2005 QJ_{117}	16.1	X	43.10452	120.26559	158.23451	10.15288	0.0311687	0.18315350	3.0708545	21	8 27.5	20.2
525704 2005 QG_{122}	16.9	X	247.37602	274.38111	164.85845	17.39791	0.1611457	0.24244158	2.5472094	21	8 9.7	20.7
525705 2005 QO_{122}	16.9	X	325.64648	146.20224	165.69693	14.84756	0.1134257	0.23862260	2.5743149	21	6 15.9	20.2
525706 2005 QT_{122}	17.6	X	332.01541	123.89237	172.13887	3.08550	0.1239242	0.23755320	2.5820350	21	6 1.6	20.4
525707 2005 QB_{130}	17.5	X	238.81024	246.98587	126.29560	4.64873	0.1062585	0.23158802	2.6261850	21	5 14.0	21.4
525708 2005 QC_{151}	17.2	X	248.94846	7.47607	358.83829	14.50844	0.2718566	0.23118562	2.6292316	21	4 24.8	21.9
525709 2005 QJ_{160}	17.5	X	219.56086	300.12098	69.86415	3.86420	0.2751319	0.22639786	2.6661700	21	4 13.6	22.3
525710 2005 QP_{165}	17.2	X	274.90626	309.73017	21.80690	11.55631	0.1991663	0.23129701	2.6283874	21	4 17.2	20.9
525711 2005 QT_{181}	17.3	X	251.07147	61.57077	301.20604	11.62728	0.2863425	0.23202936	2.6228538	21	4 21.0	22.0
525712 2005 QJ_{187}	19.0	X	320.19364	345.70566	18.51816	1.68630	0.1835901	0.30681692	2.1771240	21	8 21.3	20.3
525713 2005 QV_{188}	17.6	X	204.85996	223.24242	169.97044	14.14527	0.2714158	0.22622611	2.6675192	21	5 2.6	22.5
525714 2005 QK_{191}	17.6	X	123.27016	269.11421	56.97606	2.89178	0.1263089	0.26783929	2.3835258	21	—	—
525715 2005 RT_2	17.5	X	279.21118	111.81288	272.38066	10.55719	0.3235950	0.23884712	2.5727014	21	6 13.9	21.4
525716 2005 RN_7	16.2	X	322.15962	24.32419	349.79226	14.13001	0.2800725	0.18141717	3.0904173	21	8 18.2	19.3
525717 2005 RZ_{11}	17.6	X	119.35861	124.85480	221.22936	3.78713	0.2807174	0.26877093	2.3780146	21	—	—
525718 2005 RQ_{15}	16.2	X	79.85999	60.64490	164.42539	7.80959	0.0396790	0.18002488	3.1063307	21	8 7.1	20.5
525719 2005 RB_{16}	16.1	X	21.59614	137.30409	169.91671	3.36859	0.2173113	0.12386728	3.9856423	21	9 17.5	20.7
525720 2005 RM_{16}	17.0	X	220.73218	57.21542	287.15879	11.93094	0.2835949	0.22400157	2.6851508	21	3 8.1	22.1
525721 2005 RE_{19}	16.0	X	243.80460	256.81241	168.55261	9.95643	0.0801036	0.17654777	3.1469842	21	7 26.7	20.7
525722 2005 RY_{19}	16.2	X	39.35229	226.36684	22.01793	3.57869	0.1699047	0.17878302	3.1206989	21	8 1.9	20.0
525723 2005 RD_{20}	17.0	X	219.31546	242.57921	167.28257	11.89023	0.1733066	0.23233809	2.6205298	21	6 5.4	21.4
525724 2005 RM_{25}	16.6	X	196.24498	70.76539	350.11501	26.30210	0.3302247	0.22611611	2.6683844	21	5 15.9	22.2
525725 2005 RN_{28}	17.2	X	322.26424	95.55986	203.65300	3.97236	0.2007612	0.23695506	2.5863784	21	5 7.9	19.9
525726 2005 RG_{31}	17.4	X	250.71306	342.34562	25.98772	4.34119	0.2902972	0.23198013	2.6232249	21	5 1.9	21.9
525727 2005 RU_{40}	18.1	X	160.89861	286.98528	5.90939	2.96812	0.1862455	0.26881958	2.3777277	21	—	—
525728 2005 RP_{42}	17.2	X	294.22859	166.48440	177.94230	14.71165	0.1143922	0.23592525	2.5938992	21	6 12.1	20.8
525729 2005 RQ_{43}	6.3	X	65.39672	269.29072	66.27772	20.20676	0.0984585	0.00369028	41.4727469	21	11 16.7	22.3
525730 2005 SG_2	17.0	X	246.67752	350.34116	10.27294	13.80250	0.2674423	0.23000961	2.6381859	21	4 18.6	21.5
525731 2005 SH_4	18.0	X	129.31852	127.25766	192.85266	4.53564	0.2529566	0.26636064	2.3923388	21	—	—
525732 2005 SW_{15}	17.8	X	272.66792	175.71061	194.50272	13.01852	0.1047848	0.23526169	2.5987744	21	6 18.2	21.6
525733 2005 SX_{16}	16.9	X	167.07269	338.82601	196.97162	9.40078	0.1634767	0.24449431	2.5329321	21	9 22.7	21.1
525734 2005 SB_{17}	17.7	X	256.48854	159.60943	193.17234	11.44899	0.0917620	0.22984312	2.6394598	21	5 9.3	21.5
525735 2005 SZ_{21}	17.6	X	249.92862	222.49702	154.50103	4.00829	0.2891858	0.23234869	2.6204501	21	5 13.7	22.1
525736 2005 SH_{23}	17.3	X	216.92687	241.00791	179.37418	13.03175	0.2434850	0.23191202	2.6237385	21	6 12.2	22.1
525737 2005 SQ_{27}	16.9	X	170.31660	98.11101	352.31416	12.07073	0.2367756	0.22625300	2.6673079	21	6 10.8	21.8
525738 2005 SH_{29}	17.6	X	229.63728	145.53903	227.57342	5.03393	0.1322320	0.22762984	2.6565414	21	4 30.5	21.7
525739 2005 SL_{35}	17.5	X	359.52886	282.51706	122.44197	2.97236	0.2042310	0.25335151	2.4735482	21	—	—
525740 2005 SX_{42}	16.3	X	340.30692	151.52891	216.32081	7.81819	0.1489650	0.18244376	3.0788134	21	9 22.0	19.9
525741 2005 SF_{43}	17.5	X	299.88660	76.49359	262.26507	2.69972	0.1203709	0.23447762	2.6045645	21	6 10.6	20.7
525742 2005 SH_{50}	17.7	X	214.70462	184.14704	195.23199	4.39233	0.2335475	0.22519503	2.6756554	21	4 21.5	22.3
525743 2005 SS_{51}	18.0	X	250.53561	1.06926	27.21597	4.71441	0.1596167	0.23180524	2.6245442	21	6 7.9	21.9
525744 2005 SW_{52}	17.1	X	254.36944	155.83559	175.33265	14.14306	0.2730447	0.22790210	2.6544253	21	3 23.7	21.6
525745 2005 SW_{55}	17.1	X	272.20552	296.09683	21.55420	11.33332	0.1757004	0.22695494	2.6618053	21	4 1.9	21.1
525746 2005 SS_{56}	16.3	X	35.50751	161.62727	164.48057	9.06213	0.0850950	0.19075312	2.9887410	21	10 27.7	20.3
525747 2005 SR_{57}	18.1	X	160.58451	200.40050	78.55481	0.29848	0.1788565	0.26574187	2.3960510	21	—	—
525748 2005 SD_{60}	16.0	X	281.82134	25.09952	20.93670	18.89466	0.0876444	0.17726230	3.1385216	21	8 28.9	20.6
525749 2005 SE_{63}	18.0	X	143.25102	94.05208	229.20594	1.52209	0.2481588	0.27054583	2.3676026	21	—	—
525750 2005 ST_{66}	17.4	X	305.42170	297.62230	9.42038	7.31369	0.1606103	0.23246536	2.6195732	21	4 27.1	20.7
525751 2005 SS_{75}	18.0	X	153.06536	277.32504	5.53602	11.01705	0.2693788	0.26719868	2.3873340	21	—	—
525752 2005 SQ_{78}	17.8	X	257.86212	283.67754	57.11609	2.48139	0.1434219	0.22895531	2.6462786	21	4 18.5	21.6
525753 2005 SU_{83}	18.7	X	350.59503	146.12774	195.48712	3.82223	0.1610496	0.30731468	2.1747726	21	9 27.6	20.0
525754 2005 SD_{84}	18.0	X	230.80144	358.79689	6.23916	5.09328	0.1890352	0.22713070	2.6604320	21	4 17.5	22.3
525755 2005 SH_{84}	17.7	X	137.01461	274.19015	9.10554	10.86100	0.2540338	0.26353456	2.4094116	21	—	—
525756 2005 SA_{86}	17.4	X	214.98821	322.39937	30.19144	3.69020	0.2448039	0.22297105	2.6934179	21	3 21.3	22.1
525757 2005 SB_{87}	17.9	X	274.79381	193.77592	162.63331	1.48896	0.1643838	0.23362403	2.6109048	21	5 25.0	21.6
525758 2005 SK_{93}	18.3	X	136.42394	113.28335	201.20643	4.43664	0.2680432	0.26674198	2.3900582	21	—	—
525759 2005 SW_{94}	17.3	X	275.32716	117.51990	281.16700	11.27644	0.2606502	0.23904298	2.5712958	21	7 7.2	20.7
525760 2005 SH_{99}	16.7	X	317.38827	87.81172	223.17355	11.09233	0.0630481	0.23216723	2.6218153	21	6 7.1	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525761 2005 SM_{101}	18.2	X	272.40914	51.19507	341.90972	4.01516	0.3093062	0.23649830	2.5897074	21	6 20.2	22.1
525762 2005 SV_{102}	17.6	X	225.92430	97.76483	295.44425	3.87180	0.0694675	0.22939636	2.6428856	21	5 26.5	21.3
525763 2005 SF_{105}	17.5	X	244.69896	169.26662	187.04130	11.09377	0.3268579	0.22811432	2.6527787	21	4 12.4	22.3
525764 2005 SO_{106}	18.6	X	11.32314	128.70068	192.66354	3.93902	0.2087744	0.30915762	2.1661212	21	10 19.4	20.1
525765 2005 SF_{112}	17.6	X	240.89935	171.86923	209.49815	12.64945	0.2637227	0.23102632	2.6304400	21	5 13.4	22.1
525766 2005 SP_{125}	17.5	X	296.65174	312.01006	14.66048	4.53589	0.1291394	0.23346337	2.6121025	21	5 17.4	20.8
525767 2005 SU_{130}	17.8	X	265.23480	341.44242	27.21101	3.65911	0.2709540	0.23292813	2.6161025	21	5 16.6	21.8
525768 2005 SV_{130}	17.3	X	294.49023	267.30265	33.11591	4.02206	0.2730213	0.22960989	2.6412468	21	3 22.7	21.2
525769 2005 SA_{131}	17.0	X	188.70752	254.85674	202.32047	21.54042	0.0683073	0.23192492	2.6236412	21	7 4.0	21.4
525770 2005 SY_{132}	17.3	X	262.93452	298.44455	22.59399	4.64724	0.2272613	0.22564525	2.6720952	21	3 22.7	21.6
525771 2005 SW_{137}	16.9	X	236.81532	243.60348	164.61170	10.74359	0.1085954	0.23784773	2.5799030	21	6 24.9	20.9
525772 2005 SU_{138}	18.8	X	340.98621	194.61303	173.86518	3.73724	0.0913263	0.30907495	2.1665074	21	10 19.3	20.6
525773 2005 SG_{139}	17.6	X	240.23379	208.61473	172.66061	4.57708	0.2277698	0.23076713	2.6324093	21	5 15.4	22.0
525774 2005 SL_{139}	17.8	X	123.28327	228.53255	65.50827	2.34044	0.1874936	0.26179194	2.4200920	21	—	—
525775 2005 SD_{141}	16.7	X	8.96169	327.04583	26.12561	10.30548	0.1153295	0.18632973	3.0358568	21	10 23.3	20.2
525776 2005 SM_{145}	17.8	X	266.25806	270.71046	51.33304	3.74776	0.1674978	0.22779204	2.6552802	21	4 2.0	21.8
525777 2005 SW_{151}	16.9	X	195.79435	97.61573	22.99608	22.08193	0.0575650	0.23775747	2.5805559	21	8 29.6	21.0
525778 2005 SG_{153}	17.6	X	116.49328	300.48828	31.12986	7.00638	0.2282273	0.26469684	2.4023533	21	—	—
525779 2005 SF_{154}	17.8	X	127.78753	323.46141	341.25588	3.44404	0.2304215	0.26515085	2.3996102	21	—	—
525780 2005 SU_{157}	17.3	X	225.02050	238.35956	194.50887	13.15791	0.1534177	0.23392862	2.6086380	21	7 8.3	21.6
525781 2005 SW_{157}	16.0	X	15.49330	275.33247	23.40165	12.08119	0.1035328	0.17814720	3.1281198	21	8 27.1	20.0
525782 2005 SG_{162}	17.1	X	171.98357	163.92837	8.03739	8.01936	0.1619839	0.24340905	2.5404554	21	9 24.2	21.0
525783 2005 SU_{164}	17.6	X	350.74154	289.08781	56.15388	8.87747	0.2784187	0.30725620	2.1750485	21	10 24.8	18.3
525784 2005 SP_{172}	18.2	X	257.37104	36.54434	21.55622	3.00018	0.1540996	0.23829793	2.5766526	21	7 27.9	21.7
525785 2005 SF_{174}	17.8	X	250.93329	56.55659	7.59333	3.56428	0.1312869	0.23891232	2.5722333	21	7 31.6	21.4
525786 2005 SE_{175}	17.1	X	37.65637	6.76369	246.28907	5.27640	0.0604316	0.23669221	2.5882928	21	7 21.3	20.3
525787 2005 SZ_{177}	18.3	X	224.38681	57.56469	345.87376	5.77041	0.2267514	0.23017683	2.6369080	21	5 27.0	22.8
525788 2005 SK_{179}	17.3	X	212.31075	41.22052	16.08983	13.14799	0.2456818	0.23002597	2.6380608	21	5 31.9	22.1
525789 2005 SB_{184}	18.7	X	56.38509	49.76306	10.39868	21.27250	0.0809570	0.39179718	1.8496739	21	—	—
525790 2005 SM_{196}	16.4	X	193.73989	255.55771	182.74251	13.03580	0.0350097	0.16997172	3.2276389	21	6 20.2	21.3
525791 2005 SV_{197}	18.0	X	287.50386	48.59253	343.29147	3.19879	0.1815863	0.24212143	2.5494543	21	7 28.1	21.0
525792 2005 SG_{201}	16.8	X	69.19565	269.90516	29.69052	2.81976	0.1482867	0.18975863	2.9991742	21	11 12.2	21.0
525793 2005 SX_{203}	17.8	X	236.34034	205.40238	325.85615	0.55723	0.1257032	0.25665772	2.4522599	21	12 4.5	20.8
525794 2005 ST_{207}	17.4	X	258.84209	167.94260	218.90510	11.75915	0.1688080	0.23385168	2.6092101	21	6 14.5	21.4
525795 2005 SC_{211}	17.3	X	256.09687	170.94125	201.81680	11.72322	0.1994226	0.23226255	2.6210980	21	5 22.2	21.4
525796 2005 SD_{221}	17.8	X	66.76080	340.79056	12.76299	5.71841	0.1292881	0.25784297	2.4447391	21	—	—
525797 2005 SK_{223}	16.7	X	40.25620	326.74458	9.20381	9.57873	0.0748484	0.18963223	3.0005068	21	11 8.5	20.9
525798 2005 SG_{224}	16.9	X	74.52011	119.61665	192.55361	9.27294	0.0414842	0.19092043	2.9869947	21	11 21.4	21.2
525799 2005 SL_{225}	18.0	X	255.50492	20.70813	28.25874	5.44171	0.2325626	0.23445196	2.6047545	21	7 3.1	22.1
525800 2005 SV_{225}	16.9	X	109.06094	188.80440	2.30935	7.68143	0.1133488	0.23858881	2.5745579	21	8 15.6	20.6
525801 2005 SP_{237}	18.5	X	277.84220	41.26150	10.93501	5.51048	0.2302416	0.30161179	2.2021007	21	8 7.9	20.9
525802 2005 SV_{237}	18.2	X	352.53879	310.01550	15.70013	7.14262	0.1722432	0.30394115	2.1908352	21	9 7.7	19.5
525803 2005 SW_{241}	17.4	X	257.51406	66.19711	265.85091	4.02292	0.0602490	0.22530152	2.6748122	21	4 14.1	21.3
525804 2005 SP_{242}	16.7	X	208.08862	39.59583	7.24587	21.96711	0.0837871	0.22814294	2.6525568	21	5 15.0	21.1
525805 2005 SL_{244}	18.2	X	216.01657	78.46769	12.08005	23.38582	0.2701478	0.23347371	2.6120254	21	7 25.1	23.2
525806 2005 SP_{244}	17.7	X	91.38432	303.76310	8.29146	6.43070	0.1070130	0.25702268	2.4499379	21	12 28.6	21.3
525807 2005 SA_{248}	17.7	X	223.91291	198.61250	211.11423	3.62847	0.2374471	0.23008389	2.6376181	21	6 4.5	22.3
525808 2005 SW_{263}	17.4	X	220.83865	277.37084	100.81274	3.12005	0.1360899	0.22552701	2.6730290	21	4 29.5	21.5
525809 2005 SE_{266}	16.3	X	335.52548	184.07420	196.10734	10.23778	0.1837507	0.18504312	3.0499128	21	9 30.9	19.6
525810 2005 SE_{270}	16.8	X	337.04654	275.09354	22.90322	12.14114	0.0588885	0.23198775	2.6231674	21	6 18.6	20.2
525811 2005 SM_{274}	18.0	X	170.00791	37.65545	246.60593	1.47803	0.2023311	0.26757611	2.3850885	21	—	—
525812 2005 SN_{275}	17.3	X	240.76132	357.55699	243.64647	4.96774	0.2012565	0.27166633	2.3610880	21	—	—
525813 2005 SU_{276}	16.8	X	330.20680	343.91792	19.96523	10.14831	0.0886006	0.18045113	3.1014371	21	9 8.1	20.7
525814 2005 SS_{277}	16.9	X	143.09361	56.47174	198.52082	1.83349	0.0825804	0.19151917	2.9807659	21	11 30.3	21.5
525815 2005 SD_{278}	6.2	X	31.14144	218.08635	152.42007	17.85386	0.2847428	0.00237649	55.6133039	21	11 30.9	22.7
525816 2005 SF_{278}	6.6	X	358.17861	320.14540	101.53412	13.35637	0.1882482	0.00340286	43.7763954	21	11 24.6	22.1
525817 2005 SA_{280}	16.8	X	244.19757	92.24082	1.54694	28.59886	0.3450079	0.23652715	2.5894968	21	8 20.9	21.5
525818 2005 SF_{294}	17.2	X	295.82412	213.75437	89.06348	3.85719	0.1451647	0.22988618	2.6391302	21	4 14.8	20.8
525819 2005 SK_{294}	17.3	X	115.01242	195.42888	17.18713	10.03389	0.0961763	0.24224059	2.5486181	21	9 18.3	21.0
525820 2005 SP_{294}	18.1	X	112.70772	320.48712	29.75401	2.16569	0.1887554	0.26557813	2.3970357	21	—	—
525821 2005 SV_{294}	18.5	X	339.55646	346.55953	40.02864	4.59330	0.1491189	0.30775100	2.1727165	21	11 17.3	20.0
525822 2005 TY_{5}	17.7	X	260.41569	108.88223	224.41749	10.38466	0.3183411	0.22920483	2.6443577	21	3 24.2	22.5
525823 2005 TD_{7}	17.1	X	190.85879	148.85255	257.30272	8.93593	0.2384414	0.22401921	2.6850098	21	5 3.4	21.9
525824 2005 TH_{7}	17.1	X	251.54416	336.88812	353.18270	17.18176	0.3775971	0.22755969	2.6570873	21	3 13.8	22.1
525825 2005 TB_{8}	17.5	X	228.88263	338.87618	47.39798	4.16912	0.1603796	0.22848707	2.6498928	21	5 14.6	21.8
525826 2005 TQ_{16}	16.3	X	4.67076	170.97850	195.40589	8.44118	0.0803985	0.18813252	3.0164315	21	11 1.5	20.2
525827 2005 TT_{17}	16.2	X	275.20832	348.11942	69.73500	3.60395	0.2009281	0.17748029	3.1359512	21	8 10.1	20.6
525828 2005 TH_{20}	16.6	X	122.93076	201.26800	0.11179	9.34580	0.0245933	0.17941569	3.1133583	21	9 1.0	21.1
525829 2005 TS_{20}	17.5	X	316.65473	67.89082	212.59748	2.35310	0.1694790	0.23062524	2.6334889	21	4 7.5	20.5
525830 2005 TS_{29}	17.3	X	246.64684	269.05932	76.74625	3.44358	0.2304963	0.22758288	2.6569068	21	4 7.8	21.6
525831 2005 TK_{32}	17.3	X	218.84549	9.15016	20.22986	7.84476	0.1738371	0.22866229	2.6485389	21	5 6.9	21.6
525832 2005 TN_{35}	17.1	X	103.29702	9.81369	178.95502	11.83166	0.1209611	0.23633796	2.5908786	21	8 1.4	21.0
525833 2005 TR_{39}	17.6	X	343.71784	265.06558	107.65619	2.92534	0.0849051	0.24546139	2.5262748	21	10 18.9	20.3
525834 2005 TL_{41}	18.6	X	22.94635	350.20981	330.95981	0.83575	0.1026872	0.30781876	2.1723976	21	10 21.1	20.7
525835 2005 TE_{43}	17.7	X	240.06795	311.68776	196.23574	7.20832	0.0876032	0.25252572	2.4789379	21	11 14.9	20.9
525836 2005 TP_{43}	17.8	X	262.36738	217.95570	158.02921	3.09806	0.0909195	0.23372681	2.6101393	21	6 15.1	21.3
525837 2005 TV_{50}	17.2	X	227.51269	267.59019	190.30128	28.72540	0.2941523	0.23646226	2.5899706	21	7 29.3	22.2
525838 2005 TZ_{58}	17.9	X	126.58559	131.23664	192.90702	6.41753	0.1306637	0.26370960	2.4083453	21	—	—
525839 2005 TP_{63}	17.0	X	280.79945	25.58889	300.80891	1.54595	0.0780768	0.22977517	2.6399801	21	5 4.2	20.6
525840 2005 TO_{64}	16.1	X	337.56000	313.88250	16.21357	10.63173	0.0790529	0.17653751	3.1471061	21	8 6.3	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525841 2005 TB_{67}	18.4	X	277.20380	190.24082	239.69305	2.90799	0.0814274	0.30768253	2.1730389	21	9 26.9	20.6
525842 2005 TQ_{70}	16.7	X	183.58908	62.02401	10.65788	4.30702	0.0864787	0.22689044	2.6623098	21	5 29.5	20.7
525843 2005 TK_{71}	17.4	X	337.47674	64.25431	321.84047	8.48312	0.0924972	0.24779865	2.5103643	21	10 21.6	20.4
525844 2005 TV_{73}	15.5	X	10.50013	295.22807	32.48734	10.94457	0.1196602	0.18507583	3.0495534	21	9 26.8	19.2
525845 2005 TL_{77}	15.9	X	36.22424	267.62015	45.71850	9.49204	0.2340314	0.18648525	3.0341687	21	10 31.8	19.7
525846 2005 TE_{78}	18.1	X	273.73807	79.20388	13.93304	4.11176	0.0723877	0.31180101	2.1538612	21	10 29.3	20.2
525847 2005 TR_{80}	18.8	X	68.98253	115.08358	202.29851	19.87935	0.1039366	0.37950649	1.8893971	21	12 31.5	21.6
525848 2005 TD_{82}	16.2	X	277.37740	37.14574	2.70851	11.23843	0.0905201	0.17593227	3.1543197	21	8 8.9	20.7
525849 2005 TT_{83}	17.6	X	268.82027	113.38268	209.49827	12.45625	0.1888771	0.22790556	2.6543984	21	3 31.6	21.7
525850 2005 TE_{91}	18.0	X	253.79481	318.08560	37.81491	2.57753	0.2262470	0.23081352	2.6320566	21	4 25.0	22.3
525851 2005 TE_{92}	16.9	X	219.73169	257.12879	233.61882	8.00155	0.1414076	0.24262711	2.5459107	21	9 16.1	20.8
525852 2005 TD_{93}	18.0	X	284.72310	82.02792	317.23830	3.02880	0.0090653	0.30289682	2.1958681	21	9 3.5	20.2
525853 2005 TQ_{94}	18.0	X	247.82840	161.02754	282.24705	3.11904	0.2043079	0.23815284	2.5776990	21	8 10.9	21.9
525854 2005 TN_{100}	16.1	X	260.20196	95.55569	332.46043	5.07167	0.1358640	0.17534410	3.1613696	21	8 13.1	20.7
525855 2005 TB_{108}	16.6	X	57.03565	322.76784	322.34010	5.77790	0.1586972	0.18619222	3.0373513	21	10 9.6	20.9
525856 2005 TD_{108}	16.8	X	169.25939	177.57949	352.91411	13.31242	0.1647172	0.24357351	2.5393117	21	9 18.7	20.9
525857 2005 TO_{108}	17.6	X	129.21203	320.32239	313.64181	4.45572	0.1963762	0.25981387	2.4323599	21	12 21.4	21.7
525858 2005 TV_{110}	16.0	X	118.58463	213.70800	359.81869	21.48496	0.1929672	0.18286452	3.0740889	21	9 23.5	20.8
525859 2005 TX_{111}	17.1	X	26.41616	37.61553	305.03631	2.28601	0.2641894	0.18905176	3.0066456	21	11 27.6	20.7
525860 2005 TW_{112}	17.0	X	207.80948	44.72245	345.45071	2.93547	0.0871604	0.22620747	2.6676658	21	4 30.8	21.0
525861 2005 TF_{114}	18.6	X	338.91045	119.45253	201.48131	3.39646	0.1542813	0.30215683	2.1994518	21	7 20.6	20.1
525862 2005 TK_{120}	16.1	X	18.99123	269.92976	21.12348	26.93835	0.0671582	0.17663784	3.1459143	21	8 29.8	20.7
525863 2005 TP_{120}	17.5	X	204.55604	203.00072	204.63748	3.28685	0.1012878	0.22750066	2.6575470	21	5 20.8	21.5
525864 2005 TK_{125}	17.7	X	280.85859	114.33837	208.37796	12.27181	0.2052096	0.22939019	2.6429330	21	4 12.0	21.6
525865 2005 TP_{126}	18.4	X	156.75808	92.32634	202.86182	10.70932	0.2813318	0.26802439	2.3824283	21	—	—
525866 2005 TC_{127}	18.0	X	239.24569	208.17366	207.97188	5.44828	0.1884587	0.23360092	2.6110770	21	6 29.5	22.1
525867 2005 TJ_{127}	16.2	X	61.00347	270.34423	24.72122	9.51395	0.0361796	0.18381335	3.0635009	21	10 12.4	20.5
525868 2005 TS_{128}	16.8	X	2.76219	9.06794	334.32117	0.72535	0.1169587	0.18192363	3.0846790	21	9 29.9	20.5
525869 2005 TX_{128}	16.2	X	256.79442	318.05092	32.88475	1.73414	0.1251815	0.16511026	3.2906878	21	5 5.9	21.2
525870 2005 TT_{129}	18.3	X	173.42311	7.44839	203.85093	20.99017	0.1038665	0.37578717	1.9018434	21	12 6.4	20.9
525871 2005 TB_{134}	16.1	X	328.37029	24.72825	298.28894	7.82133	0.0491919	0.17348872	3.1838692	21	7 12.3	20.4
525872 2005 TC_{135}	18.9	X	297.29429	354.19823	49.28268	2.87739	0.1584402	0.30472172	2.1870923	21	9 11.6	20.7
525873 2005 TG_{135}	16.1	X	303.75877	142.42295	264.03024	21.25324	0.0225488	0.23314982	2.6144439	21	9 21.4	20.2
525874 2005 TE_{137}	16.5	X	292.49366	212.07462	180.50134	10.41456	0.1382327	0.17821287	3.1273513	21	8 6.7	20.7
525875 2005 TF_{139}	17.0	X	163.55967	247.91715	195.24784	21.71909	0.0857025	0.22579136	2.6709423	21	5 23.3	21.3
525876 2005 TC_{144}	16.5	X	4.55147	192.11405	163.99745	4.89217	0.0810613	0.18433325	3.0577379	21	10 18.9	20.4
525877 2005 TU_{144}	18.0	X	90.55707	115.09907	133.50312	4.20209	0.1388213	0.30776900	2.1726318	21	10 18.8	20.9
525878 2005 TW_{144}	17.3	X	192.15656	85.94177	37.84273	15.13430	0.0563354	0.23763106	2.5814710	21	8 25.1	21.3
525879 2005 TS_{146}	16.9	X	176.23148	58.86641	31.47241	22.51260	0.0398223	0.23001361	2.6381553	21	6 8.0	21.0
525880 2005 TP_{147}	17.2	X	257.88609	36.03040	34.84467	14.37907	0.1463269	0.23899977	2.5716058	21	8 22.9	21.0
525881 2005 TA_{150}	18.0	X	213.65600	262.06983	150.42374	3.14339	0.2193228	0.22897338	2.6461394	21	5 31.6	22.5
525882 2005 TX_{150}	16.5	X	211.70119	6.60617	48.51039	8.25425	0.0391851	0.16770244	3.2566903	21	6 11.2	21.3
525883 2005 TP_{151}	17.4	X	247.03585	120.60723	211.72954	11.69095	0.2983879	0.22532375	2.6746363	21	3 14.9	22.3
525884 2005 TV_{151}	17.2	X	125.18073	106.98737	36.89438	13.33966	0.0143906	0.22858741	2.6491172	21	6 16.2	20.9
525885 2005 TN_{153}	16.2	X	291.61919	65.30620	359.32599	9.60489	0.0510662	0.18230360	3.0803913	21	9 29.8	20.4
525886 2005 TR_{159}	17.2	X	268.01953	303.72826	7.65602	11.68630	0.2017305	0.22546449	2.6735232	21	3 18.5	21.2
525887 2005 TY_{160}	16.5	X	275.48084	36.83695	10.03224	10.80304	0.0647968	0.17549412	3.1595677	21	8 19.4	21.0
525888 2005 TB_{161}	18.1	X	285.43134	26.72287	3.73702	6.56431	0.0696464	0.30102301	2.2049712	21	8 15.8	20.4
525889 2005 TC_{161}	17.6	X	249.82589	43.70264	13.42423	11.45767	0.1789345	0.23520611	2.5991838	21	7 16.4	21.6
525890 2005 TL_{161}	16.5	X	15.20599	124.84700	225.61218	9.37537	0.1468211	0.18569311	3.0427914	21	11 2.1	20.0
525891 2005 TB_{162}	17.9	X	270.88229	123.22329	219.35382	5.57367	0.1568782	0.22973713	2.6402715	21	5 3.1	21.7
525892 2005 TK_{162}	16.9	X	276.34140	40.10150	8.90493	3.94551	0.1104497	0.17552527	3.1591939	21	8 13.6	21.3
525893 2005 TL_{162}	17.5	X	271.30192	38.06728	301.76214	1.07906	0.2207481	0.23017837	2.6368963	21	4 21.7	21.5
525894 2005 TU_{167}	16.1	X	252.90093	214.16508	211.30502	27.64585	0.1960697	0.17281092	3.1921890	21	7 17.6	21.6
525895 2005 TE_{168}	17.5	X	301.10199	308.57720	357.90241	2.54167	0.0912483	0.22787504	2.6546354	21	5 2.8	21.0
525896 2005 TD_{178}	17.0	X	327.02865	213.76642	96.75100	2.91659	0.1312141	0.23538530	2.5978645	21	6 12.9	19.9
525897 2005 TK_{182}	17.3	X	312.86718	56.52773	207.83547	12.10445	0.2091503	0.22658893	2.6646710	21	3 2.9	21.1
525898 2005 TL_{182}	18.2	X	298.35294	311.83341	49.68339	6.03414	0.1428897	0.30024111	2.2087977	21	7 7.9	20.4
525899 2005 TR_{185}	17.7	X	129.82729	263.10829	7.59153	1.01789	0.1707075	0.25624471	2.4548942	21	12 17.0	21.6
525900 2005 TZ_{194}	17.7	X	177.70784	132.49812	86.99939	1.75569	0.1733189	0.25811294	2.4430341	21	11 27.6	21.5
525901 2005 TK_{196}	16.9	X	295.78065	189.45420	209.13680	9.71434	0.0737954	0.17843357	3.1247721	21	8 27.4	21.2
525902 2005 TM_{197}	16.2	X	335.98262	106.39015	251.69035	15.42956	0.2634639	0.18059333	3.0998088	21	8 16.7	19.5
525903 2005 TQ_{198}	18.2	X	276.57989	328.36301	76.32253	2.52520	0.1374974	0.23844577	2.5755875	21	8 6.4	21.3
525904 2005 TX_{198}	18.1	X	144.77871	244.28140	37.11281	5.00061	0.2179797	0.26207911	2.4183237	21	—	—
525905 2005 TZ_{198}	18.1	X	173.95826	303.52010	193.24827	5.55648	0.1780202	0.23348266	2.6119586	21	8 9.8	22.5
525906 2005 TC_{199}	16.6	X	179.98684	326.46607	204.61983	9.43099	0.1555649	0.17872693	3.1213518	21	9 23.6	21.7
525907 2005 TG_{199}	16.9	X	214.73833	236.47715	195.16748	14.95765	0.1742926	0.23084677	2.6318038	21	6 26.1	21.4
525908 2005 TS_{199}	16.2	X	24.79328	91.72923	198.41065	11.15300	0.0600194	0.17547297	3.1598216	21	8 16.7	20.5
525909 2005 TT_{199}	17.6	X	292.48114	61.82161	217.25469	13.75789	0.1875814	0.22328526	2.6908904	21	2 27.6	21.8
525910 2005 UT_{7}	17.4	X	287.49265	339.96375	35.73776	5.70450	0.2002532	0.23636420	2.5906869	21	7 1.5	20.8
525911 2005 UJ_{11}	16.7	X	46.27705	293.95441	10.81580	8.88309	0.0367488	0.17980887	3.1088180	21	10 4.6	20.8
525912 2005 UQ_{11}	17.7	X	246.17154	234.58819	167.24105	4.42952	0.1029534	0.23120261	2.6291028	21	6 27.9	21.4
525913 2005 UV_{11}	17.7	X	318.58295	150.11876	199.25579	9.34162	0.2221582	0.23802011	2.5786572	21	7 9.8	20.5
525914 2005 UD_{21}	17.7	X	191.63283	199.30570	233.23993	5.82790	0.0954041	0.22741591	2.6582071	21	6 8.1	21.6
525915 2005 UH_{32}	16.5	X	19.26971	240.89024	46.53138	1.40132	0.1673734	0.17513036	3.1639413	21	8 18.7	20.1
525916 2005 UA_{34}	17.9	X	321.80530	10.54004	47.49583	3.24382	0.1471967	0.24624748	2.5208955	21	11 12.1	19.9
525917 2005 UQ_{38}	17.0	X	225.63540	338.04630	51.79038	15.68119	0.1830595	0.22567833	2.6718340	21	5 14.7	21.4
525918 2005 UC_{41}	16.4	X	95.29264	176.42854	59.57405	14.18123	0.0429739	0.23633271	2.5909169	21	9 24.4	20.2
525919 2005 UR_{42}	17.0	X	219.54494	168.37111	208.42334	10.64813	0.2197330	0.22483347	2.6785232	21	4 22.4	21.6
525920 2005 UL_{43}	16.5	X	164.40729	324.02361	233.03870	14.40561	0.1319213	0.24271421	2.5453016	21	10 15.7	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
525921 2005 UT_{43}	16.2	X	332.59288	8.01852	24.14374	14.42163	0.1697261	0.18205538	3.0831905	21	10 13.2	19.4
525922 2005 UD_{51}	16.0	X	22.33640	323.38114	21.88222	16.94789	0.1077109	0.18473271	3.0533284	21	10 29.7	20.0
525923 2005 UY_{52}	17.6	X	257.49006	273.57776	93.07768	4.19989	0.3148625	0.23118892	2.6292065	21	5 5.2	22.1
525924 2005 US_{58}	15.8	X	326.59742	155.94588	216.55297	20.37778	0.1309869	0.17835914	3.1256413	21	8 30.7	20.0
525925 2005 UB_{59}	17.1	X	235.55547	159.33628	243.05982	5.70170	0.2694375	0.22949584	2.6421219	21	6 2.8	21.6
525926 2005 UX_{70}	17.3	X	235.10482	13.21011	333.25054	4.35181	0.2857130	0.22489879	2.6780045	21	3 25.0	22.2
525927 2005 UT_{74}	17.2	X	213.54512	335.30605	39.72455	9.58379	0.3699672	0.22381350	2.6866547	21	4 13.9	22.4
525928 2005 UF_{81}	16.3	X	292.14310	176.60981	238.62508	12.09971	0.1435260	0.17532390	3.1616125	21	8 31.2	20.8
525929 2005 UJ_{84}	17.0	X	82.45802	159.26666	39.96408	13.47027	0.1044955	0.23049425	2.6344865	21	7 23.5	20.8
525930 2005 UD_{85}	18.8	X	346.07919	137.50110	203.67605	3.14600	0.1797628	0.30452766	2.1880213	21	9 15.2	19.9
525931 2005 UJ_{86}	16.4	X	266.04320	30.89263	42.72848	9.92455	0.0545831	0.17742862	3.1365600	21	9 12.6	20.9
525932 2005 UP_{87}	17.2	X	281.20729	306.95505	41.08933	15.26282	0.1219439	0.23101768	2.6305056	21	5 25.2	20.9
525933 2005 UE_{90}	16.9	X	194.16695	292.23765	231.23436	22.87893	0.4123041	0.23597678	2.5935216	21	9 14.9	22.4
525934 2005 UX_{90}	18.9	X	272.76198	150.07041	257.74876	4.80950	0.1566977	0.29982673	2.2108324	21	8 2.2	21.5
525935 2005 UC_{93}	17.0	X	211.82325	73.59737	29.72971	12.51678	0.0958731	0.23401452	2.6079996	21	8 15.7	21.1
525936 2005 UM_{93}	17.2	X	193.13722	78.99311	28.92043	12.52111	0.2368589	0.22934248	2.6432996	21	7 25.2	22.0
525937 2005 UN_{94}	17.4	X	188.88026	248.30770	274.14455	3.41073	0.0188505	0.24204499	2.5499910	21	10 4.2	20.8
525938 2005 UY_{96}	17.1	X	214.68836	307.29149	67.07989	6.13393	0.1696108	0.22260431	2.6963753	21	4 18.8	21.5
525939 2005 UY_{97}	17.3	X	260.82559	298.12072	53.98993	12.52146	0.3185151	0.22968657	2.6406590	21	4 21.7	21.8
525940 2005 UG_{99}	17.7	X	248.46153	352.14035	77.46646	6.23851	0.2509541	0.23423879	2.6063346	21	7 21.1	21.8
525941 2005 UG_{104}	17.5	X	268.54281	314.04853	55.09987	14.95656	0.1560745	0.23041086	2.6351222	21	6 2.8	21.3
525942 2005 UW_{104}	17.8	X	254.61058	177.89616	197.26881	6.24825	0.1923570	0.22924044	2.6440839	21	5 24.3	21.9
525943 2005 US_{105}	17.6	X	4.62321	108.86036	193.99500	4.65069	0.3060343	0.23967587	2.5667673	21	8 29.9	19.0
525944 2005 UY_{112}	17.1	X	329.81345	75.07667	237.16804	8.06456	0.0882972	0.23029776	2.6359848	21	6 24.9	20.3
525945 2005 UN_{113}	17.5	X	44.35822	117.04017	242.35982	5.24021	0.1571531	0.25238180	2.4798801	21	—	—
525946 2005 UE_{114}	18.9	X	333.73747	351.98142	37.64992	5.47634	0.1962425	0.30734130	2.1746470	21	11 12.6	19.8
525947 2005 UQ_{114}	17.2	X	203.31249	356.58513	76.81492	15.08186	0.2439950	0.22831971	2.6511875	21	6 16.2	21.7
525948 2005 UV_{117}	16.6	X	97.70355	262.42968	32.46037	13.21084	0.1645700	0.19093716	2.9868202	21	12 5.5	21.4
525949 2005 UB_{119}	17.5	X	224.32735	169.82312	217.26585	5.41142	0.0677028	0.22593301	2.6698258	21	5 17.9	21.2
525950 2005 UT_{120}	18.6	X	324.08772	203.28314	218.86647	20.04391	0.1614346	0.37381197	1.9085370	21	—	—
525951 2005 UL_{125}	17.4	X	64.42560	123.44878	227.85301	10.08210	0.1987096	0.25617738	2.4553243	21	—	—
525952 2005 UL_{129}	17.6	X	172.30019	43.68698	233.83673	5.46600	0.1530509	0.26191214	2.4193515	21	—	—
525953 2005 UU_{129}	17.0	X	348.56827	62.31780	228.17104	13.22741	0.1613166	0.23245157	2.6196769	21	6 20.6	19.7
525954 2005 UW_{130}	17.6	X	174.07507	51.23956	39.10830	5.46470	0.2491249	0.22337228	2.6901915	21	6 14.7	22.4
525955 2005 UD_{133}	18.7	X	286.64877	189.15382	227.54110	1.11196	0.1153010	0.30504328	2.1855550	21	9 17.5	20.7
525956 2005 UL_{136}	16.9	X	86.24754	13.48053	269.43416	0.14349	0.0364629	0.18602816	3.0391369	21	10 27.9	21.2
525957 2005 UK_{137}	16.9	X	312.59892	177.49780	207.74725	10.01328	0.0650872	0.17850902	3.1238915	21	9 4.2	21.1
525958 2005 UO_{138}	17.0	X	285.28607	291.99061	32.72681	10.55545	0.2157234	0.23006274	2.6377797	21	4 19.1	20.7
525959 2005 UK_{139}	16.7	X	150.92352	96.77716	44.83962	5.62671	0.0836505	0.16784339	3.2548668	21	7 23.6	21.7
525960 2005 UO_{139}	18.0	X	253.68103	72.88205	42.10567	10.14163	0.1398719	0.24380166	2.5377272	21	10 12.4	21.4
525961 2005 UV_{139}	17.7	X	126.52193	171.28115	42.35486	7.75528	0.1152145	0.30393405	2.1908693	21	10 9.3	20.7
525962 2005 UQ_{140}	16.6	X	286.08781	191.81369	207.72457	8.83751	0.0818705	0.17481264	3.1677737	21	8 14.1	21.0
525963 2005 UQ_{144}	16.4	X	60.16002	23.49295	263.12435	4.23535	0.1213785	0.18122143	3.0926422	21	10 10.1	20.8
525964 2005 UT_{144}	17.8	X	263.34053	185.71621	231.48890	10.02617	0.2069732	0.23617749	2.5920520	21	7 22.4	21.7
525965 2005 UG_{147}	18.2	X	232.46488	26.39660	15.08591	3.99679	0.2004175	0.22916563	2.6446593	21	6 3.1	22.6
525966 2005 UN_{161}	17.7	X	195.21453	32.90407	31.08383	13.95083	0.2457091	0.22571684	2.6715302	21	5 27.0	22.5
525967 2005 UU_{162}	16.6	X	298.55461	10.54505	26.63950	10.34760	0.0721273	0.17721193	3.1391164	21	9 6.6	20.9
525968 2005 UM_{164}	16.8	X	198.68650	84.15383	38.54153	25.82919	0.2379415	0.16947807	3.2339034	21	8 25.1	22.8
525969 2005 UE_{171}	19.0	X	317.88863	134.80709	239.68804	1.97086	0.1428770	0.30282802	2.1962006	21	9 5.5	20.5
525970 2005 UY_{171}	16.4	X	242.12935	47.38793	50.42955	11.37621	0.0811269	0.17471408	3.1689650	21	9 10.9	21.2
525971 2005 UO_{174}	16.5	X	281.46162	47.35803	5.54715	3.74711	0.1044025	0.17397362	3.1779504	21	8 25.9	20.7
525972 2005 UE_{175}	16.4	X	333.46698	132.92269	249.44244	8.99424	0.0876863	0.17912240	3.1167558	21	9 29.3	20.5
525973 2005 UT_{175}	16.6	X	304.94099	32.44701	19.75290	4.20663	0.1179771	0.17827623	3.1266103	21	9 25.9	20.4
525974 2005 UM_{177}	17.2	X	155.52310	230.94798	233.50998	21.11311	0.0945727	0.22391203	2.6858665	21	6 9.4	21.3
525975 2005 UV_{178}	17.8	X	275.82788	185.47578	195.93127	4.07464	0.2528569	0.23404622	2.6077641	21	6 16.1	21.5
525976 2005 UH_{179}	17.7	X	262.51158	290.00695	56.85198	13.49480	0.2871877	0.22815967	2.6524271	21	4 20.3	22.1
525977 2005 UU_{179}	15.9	X	178.82198	305.03980	69.93767	11.17233	0.0619599	0.15059949	3.4988102	21	3 26.1	21.3
525978 2005 UY_{179}	16.9	X	144.84147	72.40726	61.47155	13.42181	0.1242314	0.22558577	2.6725648	21	7 9.5	21.1
525979 2005 UE_{180}	17.1	X	268.65597	251.07389	105.65220	2.65797	0.1696813	0.22853136	2.6495504	21	5 18.0	20.8
525980 2005 UL_{182}	17.5	X	108.06522	276.79987	52.34206	14.93641	0.1911336	0.25938696	2.4350280	21	—	—
525981 2005 UQ_{184}	17.0	X	292.29717	95.74316	226.45283	11.39869	0.1813223	0.22757460	2.6569712	21	4 28.3	20.5
525982 2005 UP_{185}	18.3	X	191.64167	234.11165	198.58433	1.63278	0.1838491	0.22466997	2.6798225	21	6 7.5	22.6
525983 2005 UA_{188}	16.2	X	34.42914	2.45000	276.42876	7.79689	0.0392263	0.17592705	3.1543822	21	8 14.1	20.5
525984 2005 UQ_{189}	18.4	X	4.97452	270.99585	40.13971	7.00933	0.1692593	0.30225600	2.1989706	21	9 13.3	20.0
525985 2005 UB_{190}	17.5	X	252.00826	128.33210	231.65607	3.96552	0.1923337	0.22733127	2.6588669	21	5 1.3	21.7
525986 2005 UJ_{192}	16.0	X	327.28576	108.46665	253.07029	7.94154	0.0917635	0.17444859	3.1721794	21	8 22.6	20.2
525987 2005 UF_{196}	16.4	X	337.64256	328.38499	47.47129	7.97217	0.1615417	0.18093723	3.0958798	21	10 3.1	19.8
525988 2005 US_{198}	17.3	X	206.60317	44.12190	5.57054	5.18760	0.1535547	0.22634250	2.6666047	21	5 22.3	21.6
525989 2005 UO_{199}	17.8	X	280.76942	98.60019	221.17598	12.08568	0.2721226	0.22792331	2.6542605	21	3 29.5	22.0
525990 2005 UD_{206}	18.0	X	250.36889	238.36969	200.11193	8.37070	0.1380721	0.23898653	2.5717007	21	8 14.3	21.7
525991 2005 UT_{207}	17.2	X	205.26105	34.92710	43.57120	14.25158	0.2419519	0.22880323	2.6474511	21	6 23.7	22.0
525992 2005 UC_{212}	17.5	X	151.94062	99.57675	176.17620	2.00649	0.1869550	0.25752943	2.4467230	21	—	—
525993 2005 UO_{217}	18.2	X	26.82789	126.48194	248.51603	5.26975	0.0379073	0.31489383	2.1397348	21	—	—
525994 2005 UJ_{219}	16.9	X	223.10143	169.69717	243.36043	8.06848	0.1447779	0.22949406	2.6421355	21	6 13.3	21.1
525995 2005 UL_{220}	16.0	X	63.59179	22.21929	237.22528	10.49614	0.1607022	0.17739231	3.1369880	21	9 13.1	20.5
525996 2005 UM_{220}	17.9	X	275.15825	18.62259	306.44296	2.64116	0.2915936	0.22878314	2.6476061	21	3 30.0	22.1
525997 2005 UY_{220}	18.2	X	211.53224	104.84118	299.86005	2.79153	0.1491063	0.22628435	2.6670616	21	5 21.5	22.5
525998 2005 UV_{225}	17.1	X	96.54388	338.01477	229.62554	12.78379	0.1877999	0.23411999	2.6072162	21	8 23.3	21.3
525999 2005 UM_{227}	18.0	X	345.97139	315.21103	49.33028	5.80790	0.0193030	0.24197274	2.5504986	21	10 9.0	21.2
526000 2005 UB_{232}	17.1	X	303.01571	301.92629	45.11266	13.75642	0.2932538	0.23605158	2.5929737	21	5 26.7	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526001 2005 UM_{232}	16.3	X	234.98069	241.71453	222.44776	9.33905	0.0610302	0.17502171	3.1652507	21	9 3.1	21.0
526002 2005 UZ_{232}	17.9	X	253.15204	122.59316	4.94556	5.60576	0.1629731	0.24550671	2.5259639	21	10 21.0	21.3
526003 2005 UQ_{234}	17.5	X	219.75443	285.06941	105.95482	4.03603	0.1661895	0.22521305	2.6755127	21	5 13.2	21.8
526004 2005 UM_{235}	15.9	X	85.54577	186.84795	71.18925	10.81855	0.0755742	0.17782730	3.1318702	21	10 6.3	20.5
526005 2005 UK_{245}	16.0	X	350.93468	97.89690	260.78856	13.55230	0.0991854	0.17793305	3.1306292	21	9 22.6	20.3
526006 2005 UC_{247}	16.2	X	52.75624	46.99502	241.23950	8.03264	0.0864155	0.18015750	3.1048061	21	9 25.9	20.5
526007 2005 UJ_{248}	17.1	X	88.11296	346.37049	220.63767	11.96147	0.1260285	0.23068434	2.6330391	21	8 5.5	21.0
526008 2005 UK_{249}	17.9	X	79.98659	201.33418	57.31395	7.48113	0.1743923	0.30431950	2.1890190	21	10 24.0	20.8
526009 2005 UU_{252}	17.7	X	313.20978	344.63818	11.64411	6.13824	0.1756903	0.30001137	2.2099252	21	7 23.9	19.6
526010 2005 UG_{254}	18.7	X	20.26013	162.36562	222.94087	18.67260	0.0860070	0.37916925	1.8905172	21	—	—
526011 2005 UV_{256}	18.8	X	342.95500	227.07799	189.22410	22.14516	0.0805447	0.38087686	1.8848624	21	—	—
526012 2005 UT_{258}	16.5	X	65.89047	250.56282	51.93873	9.23051	0.1230948	0.18531221	3.0469595	21	11 8.7	20.8
526013 2005 UM_{259}	18.9	X	68.42990	303.49880	42.72283	21.56652	0.0925984	0.38129100	1.8834974	21	—	—
526014 2005 UL_{261}	17.1	X	289.50820	97.79232	236.75134	25.16936	0.3479051	0.23077120	2.6323784	21	4 15.9	21.6
526015 2005 UO_{262}	17.7	X	250.89213	314.27189	77.60669	2.73569	0.2182405	0.23199341	2.6231248	21	6 7.4	21.7
526016 2005 UW_{265}	17.4	X	166.56152	99.34074	59.32503	13.47946	0.1991762	0.23236050	2.6203613	21	9 8.6	22.0
526017 2005 UY_{271}	17.1	X	329.91183	122.36419	150.66179	2.27679	0.0293366	0.22231080	2.6987481	21	5 9.3	20.5
526018 2005 UE_{273}	16.6	X	228.73430	244.57585	218.12299	6.85579	0.0946422	0.17263217	3.1943921	21	8 22.2	21.5
526019 2005 UN_{273}	16.0	X	175.04662	274.19414	249.96302	15.17553	0.0856926	0.17143587	3.2092355	21	9 5.7	21.2
526020 2005 UJ_{279}	16.7	X	330.90061	337.60398	50.65544	10.51463	0.0953441	0.18093956	3.0958532	21	10 10.9	20.6
526021 2005 UG_{281}	17.0	X	349.90785	327.99008	41.98472	10.19429	0.0866438	0.18203154	3.0834598	21	10 15.5	20.8
526022 2005 US_{285}	17.6	X	244.03901	280.42332	88.02874	4.39002	0.1267696	0.22748212	2.6576913	21	5 11.3	21.6
526023 2005 UJ_{286}	17.3	X	181.02638	65.53237	53.98742	10.25347	0.0821528	0.23305700	2.6151380	21	7 31.2	21.3
526024 2005 UP_{288}	15.8	X	114.56674	30.83795	205.75854	22.87922	0.0941900	0.18160108	3.0883305	21	10 8.5	20.5
526025 2005 UQ_{288}	16.5	X	174.73162	97.56427	47.33487	16.56346	0.0254037	0.17430550	3.1739153	21	8 29.7	21.4
526026 2005 UT_{288}	17.9	X	153.66651	240.25614	68.26696	4.71732	0.1655527	0.26624641	2.3930230	21	—	—
526027 2005 UP_{290}	16.2	X	239.50258	342.97010	341.68597	5.21150	0.1197284	0.15565762	3.4225972	21	3 18.9	21.4
526028 2005 UK_{294}	16.6	X	342.78600	117.76919	245.38594	8.61135	0.0722195	0.17833378	3.1259376	21	9 18.6	20.8
526029 2005 UC_{297}	16.5	X	352.46517	343.27914	49.19583	10.99858	0.1252737	0.18453205	3.0555414	21	11 16.9	20.1
526030 2005 US_{298}	17.3	X	267.06599	289.08748	58.32023	2.91183	0.0863943	0.22578045	2.6710283	21	5 14.5	21.1
526031 2005 UY_{298}	17.2	X	173.29559	225.24250	59.24022	2.55643	0.1727527	0.26290379	2.4132639	21	—	—
526032 2005 UR_{301}	17.7	X	294.12368	312.10488	67.32283	12.80667	0.2112818	0.23640828	2.5903648	21	7 15.7	20.9
526033 2005 UY_{301}	18.9	X	282.16532	275.68912	125.13440	3.80690	0.2194177	0.29984543	2.2107405	21	7 27.6	21.1
526034 2005 UC_{302}	16.1	X	309.19667	189.24236	202.52847	10.42434	0.0809710	0.17568044	3.1573334	21	9 6.2	20.3
526035 2005 UH_{303}	16.7	X	91.41252	202.76378	75.76573	15.03129	0.1629538	0.24636695	2.5200805	21	11 21.8	20.6
526036 2005 UY_{304}	16.7	X	299.69968	237.07184	101.39059	9.48160	0.1314982	0.23022051	2.6365745	21	6 9.1	20.0
526037 2005 UB_{305}	17.1	X	350.57308	153.60265	196.93942	11.94857	0.1809341	0.24162898	2.5529170	21	9 30.1	19.4
526038 2005 US_{314}	16.8	X	322.18415	257.43943	72.50250	15.47929	0.2062593	0.23662949	2.5887501	21	6 20.6	19.5
526039 2005 UA_{316}	18.2	X	228.10525	13.36447	68.89741	4.76300	0.1829706	0.23274981	2.6174385	21	7 24.0	22.4
526040 2005 UO_{316}	17.4	X	254.10129	100.38290	253.69575	6.95572	0.1186757	0.22425596	2.6831197	21	5 2.6	21.4
526041 2005 UY_{319}	18.0	X	210.06899	57.60490	359.55700	2.06027	0.1307025	0.22744775	2.6579591	21	6 5.9	22.0
526042 2005 UM_{321}	17.9	X	237.44286	194.16319	242.78069	4.59693	0.2778843	0.23227214	2.6210258	21	7 15.9	22.2
526043 2005 UX_{326}	17.6	X	236.70234	260.34255	195.80288	14.09836	0.1305931	0.23972333	2.5664286	21	8 21.6	21.6
526044 2005 UU_{329}	17.8	X	150.13843	19.06040	127.00643	4.10244	0.0539937	0.23124636	2.6287712	21	7 26.7	21.3
526045 2005 UF_{331}	17.3	X	227.37746	77.46416	312.42610	10.67006	0.2767656	0.22875026	2.6478598	21	5 7.9	22.1
526046 2005 UE_{333}	17.8	X	201.78674	25.27864	67.63525	5.74141	0.1488497	0.22950220	2.6420730	21	7 13.8	22.1
526047 2005 UH_{333}	16.9	X	136.23414	276.78836	219.72499	12.24268	0.2294569	0.22297046	2.6934226	21	7 8.6	21.6
526048 2005 UV_{333}	16.8	X	50.02247	247.40040	67.64021	10.88193	0.0721063	0.18157795	3.0885927	21	10 30.5	21.1
526049 2005 UC_{334}	18.2	X	333.04208	46.13612	55.28737	25.39231	0.0766272	0.37996274	1.8878843	21	—	—
526050 2005 UG_{337}	17.5	X	158.45552	242.70072	43.83312	3.06715	0.1869728	0.26345982	2.4098672	21	—	—
526051 2005 UP_{338}	15.6	X	356.43260	85.60918	251.43418	10.25606	0.0589522	0.17715740	3.1397605	21	9 3.5	19.9
526052 2005 UV_{338}	18.2	X	169.40394	343.50453	295.06159	4.27174	0.0913609	0.32384377	2.1001276	21	—	—
526053 2005 UM_{339}	17.4	X	196.94963	149.96866	248.55769	10.49193	0.0745526	0.22227788	2.6990145	21	4 29.5	21.5
526054 2005 UP_{339}	18.0	X	218.70454	120.25238	297.91962	3.20488	0.1680122	0.22886646	2.6469635	21	6 14.0	22.3
526055 2005 UA_{344}	17.6	X	192.63311	197.52851	322.71868	3.41117	0.1103986	0.24134368	2.5549286	21	9 29.7	21.5
526056 2005 UO_{345}	17.5	X	224.25822	195.97173	153.63303	2.66485	0.1799969	0.21879161	2.7276100	21	3 26.8	22.1
526057 2005 UO_{350}	17.3	X	219.55187	163.74616	223.56067	12.15061	0.2553346	0.22858621	2.6491265	21	5 3.4	22.0
526058 2005 UZ_{350}	17.9	X	342.34831	0.45753	311.62121	4.24638	0.2313834	0.30154202	2.2024403	21	7 6.7	18.7
526059 2005 UW_{352}	17.0	X	191.30674	167.90159	249.91521	10.65880	0.1497402	0.22449280	2.6812323	21	5 19.2	21.3
526060 2005 UN_{353}	17.5	X	216.10691	47.27014	25.29504	12.18848	0.2784375	0.22920042	2.6443916	21	6 23.9	22.4
526061 2005 US_{355}	17.1	X	177.51638	11.70424	104.37680	2.86215	0.0203574	0.22937698	2.6430345	21	7 19.8	20.6
526062 2005 UK_{359}	17.3	X	72.39349	258.59398	52.16340	7.07458	0.1055177	0.25087177	2.4898214	21	12 3.8	20.6
526063 2005 UW_{362}	17.6	X	120.48353	0.01590	215.49967	2.30955	0.0891179	0.24225400	2.5485241	21	9 24.3	21.1
526064 2005 UR_{366}	17.1	X	135.71710	115.73109	81.89441	8.45601	0.1357894	0.23724858	2.5842447	21	9 25.4	21.2
526065 2005 US_{367}	18.2	X	243.77921	312.45787	147.41103	3.64849	0.1273688	0.23872846	2.5735538	21	9 8.7	21.7
526066 2005 UK_{369}	17.2	X	112.96023	171.65797	71.00764	8.20431	0.0622563	0.24205614	2.5499127	21	10 22.5	20.9
526067 2005 UN_{370}	17.7	X	230.02333	296.81461	83.57829	5.02360	0.1170363	0.22495261	2.6775774	21	5 12.7	21.8
526068 2005 UR_{371}	17.2	X	180.45968	198.86718	232.92744	13.19893	0.2335432	0.22240171	2.6980126	21	5 28.3	21.8
526069 2005 UA_{372}	15.9	X	279.28123	106.58061	288.28253	4.41952	0.1776479	0.17159312	3.2072745	21	7 18.6	20.3
526070 2005 UO_{372}	16.7	X	8.40269	19.83757	354.09306	1.82751	0.0787214	0.18365655	3.0652444	21	11 13.9	20.5
526071 2005 UH_{373}	17.8	X	273.75658	197.89514	253.51555	2.84608	0.2221312	0.24058203	2.5603181	21	9 20.2	21.0
526072 2005 UD_{376}	17.1	X	263.08362	69.77646	272.64034	4.63202	0.0304842	0.22438780	2.6820687	21	5 9.5	20.7
526073 2005 UP_{378}	18.1	X	75.26480	147.02641	114.45103	1.93067	0.1496338	0.30776652	2.1726435	21	10 18.8	20.8
526074 2005 UX_{384}	16.2	X	209.94778	90.61142	53.39612	25.86563	0.1736017	0.17463079	3.1699726	21	10 3.1	21.7
526075 2005 UH_{385}	17.3	X	74.05669	257.96880	22.88638	8.18586	0.0587822	0.24402873	2.5361527	21	10 20.9	20.7
526076 2005 UM_{392}	16.4	X	80.07362	219.00144	21.56247	23.50862	0.1258121	0.18046669	3.1012589	21	9 19.3	21.1
526077 2005 US_{393}	17.2	X	224.20725	272.00829	109.11512	5.23951	0.2672084	0.22622721	2.6675106	21	5 1.2	21.9
526078 2005 UH_{394}	16.8	X	202.52088	163.85739	284.72788	7.44754	0.0788093	0.23064767	2.6333182	21	7 11.5	20.6
526079 2005 UX_{396}	15.8	X	285.06512	296.54142	102.34204	11.07505	0.1327571	0.17514936	3.1637125	21	8 9.3	20.1
526080 2005 UW_{401}	17.5	X	295.44587	38.74295	76.47207	6.50307	0.0535123	0.25093413	2.4894088	21	12 23.0	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526081 2005 UN_{404}	17.0	X	306.45960	230.65706	167.13962	3.01523	0.0913204	0.17860984	3.1227158	21	9 11.9	21.1
526082 2005 UQ_{406}	18.2	X	251.90054	357.40337	63.40705	5.38842	0.1395264	0.29819927	2.2188690	21	7 29.2	21.0
526083 2005 UR_{408}	17.4	X	258.16095	40.38335	42.97550	13.12856	0.0974083	0.24054295	2.5605954	21	9 16.3	21.0
526084 2005 UN_{409}	17.1	X	200.01641	45.17825	49.55620	12.65853	0.2620066	0.22938701	2.6429574	21	7 11.0	21.9
526085 2005 UM_{412}	17.2	X	58.51945	100.71871	197.02263	4.20254	0.0984172	0.24243161	2.5472792	21	10 29.8	20.5
526086 2005 UD_{416}	17.0	X	126.06597	136.42433	56.87823	11.57018	0.0651667	0.23599913	2.5933578	21	9 6.4	20.9
526087 2005 UZ_{416}	17.2	X	213.99721	23.94875	52.06416	14.03491	0.0679539	0.23132669	2.6281626	21	7 10.0	21.2
526088 2005 UH_{417}	17.5	X	222.91465	261.02106	212.36366	17.42168	0.1464185	0.23705619	2.5856427	21	8 24.9	21.7
526089 2005 UK_{418}	18.1	X	246.88892	196.02970	192.52267	5.58877	0.1603775	0.23043095	2.6349690	21	6 5.5	22.1
526090 2005 UJ_{419}	16.1	X	248.48205	354.01250	89.04359	4.37794	0.0504476	0.17489894	3.1667316	21	8 30.9	20.6
526091 2005 UU_{420}	17.1	X	214.17235	323.66359	49.29678	10.69957	0.1284132	0.22144294	2.7057946	21	4 18.3	21.3
526092 2005 UD_{421}	18.2	X	266.83915	34.09950	45.35341	5.08375	0.1552655	0.23853499	2.5749451	21	9 8.9	21.5
526093 2005 UJ_{425}	18.2	X	337.64947	71.03036	270.24311	1.57962	0.1530054	0.23896367	2.5718648	21	8 17.3	20.5
526094 2005 UF_{430}	17.8	X	237.21586	333.11738	31.35152	5.45596	0.1308530	0.22404195	2.6848281	21	4 27.6	21.8
526095 2005 UH_{430}	16.1	X	134.61735	305.09692	244.16927	9.78030	0.0389093	0.17218789	3.1998845	21	8 24.7	20.9
526096 2005 UZ_{431}	17.5	X	149.95776	39.24022	77.34419	7.00853	0.1479344	0.22351900	2.6890142	21	6 23.3	21.8
526097 2005 UY_{433}	17.0	X	156.67227	277.29475	227.73611	12.06841	0.1295262	0.23178710	2.6246811	21	7 31.5	21.4
526098 2005 UV_{434}	17.5	X	230.63309	302.33786	62.10377	3.48555	0.0994844	0.22378348	2.6868950	21	4 24.0	21.6
526099 2005 UK_{435}	17.9	X	150.48430	134.62950	149.59955	1.98389	0.1590991	0.26012100	2.4304449	21	—	—
526100 2005 UO_{441}	17.5	X	340.76351	169.75378	238.90276	19.98518	0.0578277	0.37337086	1.9100399	21	12 30.3	19.4
526101 2005 UW_{441}	17.3	X	223.50319	127.39644	269.13984	5.50580	0.3458453	0.22674127	2.6634773	21	5 13.2	22.3
526102 2005 UK_{442}	16.5	X	243.28998	314.67336	41.05228	13.31438	0.1743531	0.22417678	2.6837515	21	4 21.2	20.7
526103 2005 UO_{444}	18.0	X	21.20636	92.82753	244.36338	7.37696	0.0324563	0.30575156	2.1821784	21	10 29.8	20.4
526104 2005 UH_{445}	17.0	X	233.27101	300.30914	54.12477	14.01232	0.2800326	0.22485420	2.6783585	21	4 8.9	21.9
526105 2005 UV_{445}	16.5	X	180.82618	27.85802	64.20367	15.47557	0.1274334	0.22521218	2.6755196	21	6 20.8	20.8
526106 2005 UW_{447}	18.2	X	277.61062	8.75854	74.75065	5.74231	0.1053982	0.30630470	2.1795505	21	10 18.9	20.3
526107 2005 UJ_{448}	17.3	X	214.49746	190.02558	242.96220	12.07734	0.2604282	0.22904239	2.6456079	21	6 23.5	22.0
526108 2005 UW_{450}	17.9	X	133.11231	321.96911	305.30730	1.53218	0.1667892	0.25462745	2.4652780	21	12 15.5	21.8
526109 2005 UN_{451}	17.0	X	62.20528	270.34221	26.13353	9.87404	0.0952083	0.18375235	3.0641789	21	10 23.0	21.1
526110 2005 UU_{452}	18.2	X	247.97930	184.42072	241.25189	3.57609	0.2312090	0.23453432	2.6041447	21	7 16.1	22.1
526111 2005 UJ_{456}	18.0	X	334.49660	46.14712	278.79808	4.10072	0.3054409	0.30255386	2.1975271	21	6 22.6	18.8
526112 2005 UP_{456}	17.3	X	20.50407	359.47147	342.39780	1.66134	0.1013167	0.24653676	2.5189232	21	11 4.3	20.1
526113 2005 UL_{458}	16.6	X	14.79008	280.44847	66.28180	11.58257	0.0624482	0.18231299	3.0802855	21	10 22.8	20.8
526114 2005 UM_{458}	16.2	X	338.41084	141.22845	193.98460	9.35660	0.1025677	0.17432406	3.1736900	21	8 5.9	20.3
526115 2005 UM_{459}	16.2	X	101.44778	229.74418	43.38968	2.25982	0.0291433	0.18246502	3.0785743	21	11 1.7	20.7
526116 2005 UV_{459}	17.9	X	265.77866	332.62916	49.71194	7.42367	0.2447014	0.23167155	2.6255537	21	6 6.6	21.8
526117 2005 UT_{461}	17.4	X	156.41745	303.44992	213.99358	27.41351	0.1289674	0.23404811	2.6077500	21	8 12.4	22.1
526118 2005 UR_{462}	16.3	X	223.31739	283.16415	194.57446	9.05157	0.1157143	0.17575098	3.1564885	21	9 2.6	21.3
526119 2005 UG_{463}	17.0	X	166.58502	160.40715	97.46483	3.51038	0.1657494	0.25833832	2.4416130	21	—	—
526120 2005 UJ_{464}	17.4	X	155.39868	117.33112	166.77540	4.88790	0.1381027	0.26112921	2.4241849	21	—	—
526121 2005 UM_{464}	16.2	X	358.67413	164.59246	193.44919	9.55810	0.0382346	0.18151569	3.0892989	21	10 8.9	20.3
526122 2005 UP_{465}	16.8	X	326.78046	209.16554	158.38255	4.43000	0.0564764	0.17767397	3.1336718	21	9 5.6	20.8
526123 2005 UG_{467}	18.9	X	303.02333	89.73167	284.40846	3.60519	0.1870378	0.30057892	2.2071425	21	7 27.8	20.6
526124 2005 UO_{471}	17.6	X	222.05825	131.80934	259.62119	3.80127	0.2022704	0.22601866	2.6691513	21	5 12.3	22.1
526125 2005 UT_{475}	17.5	X	225.28775	318.76767	83.87840	2.11266	0.2120649	0.22925611	2.6439634	21	5 29.1	21.8
526126 2005 UK_{485}	17.2	X	249.28577	345.18004	63.26361	15.01816	0.2438566	0.23327552	2.6135046	21	6 23.6	21.5
526127 2005 UY_{492}	17.4	X	231.39279	22.72113	2.82518	13.78140	0.2611253	0.22801862	2.6535209	21	5 5.5	22.3
526128 2005 UQ_{499}	16.9	X	269.32766	282.50364	77.45237	10.74873	0.1341962	0.23157261	2.6263015	21	5 27.8	20.5
526129 2005 UW_{501}	17.1	X	234.68312	303.53674	49.20489	12.30106	0.2108895	0.22497920	2.6773664	21	4 9.9	21.6
526130 2005 UA_{520}	18.3	X	144.75929	178.65319	96.99100	2.42405	0.1633432	0.26178079	2.4201607	21	—	—
526131 2005 UX_{525}	16.9	X	237.01645	122.96518	243.02458	12.64225	0.0664863	0.22145399	2.7057045	21	5 4.1	20.9
526132 2005 UZ_{525}	17.5	X	226.16884	14.08144	50.61229	7.02327	0.2262861	0.23097389	2.6308381	21	6 25.4	21.8
526133 2005 UP_{529}	19.0	X	301.03417	26.72060	87.71748	3.40647	0.1260752	0.31379830	2.1447121	21	—	—
526134 2005 UZ_{532}	17.4	X	225.56140	276.57513	77.32713	6.08577	0.1568605	0.21899799	2.7258961	21	4 5.3	21.9
526135 2005 UB_{533}	17.3	X	346.62112	215.90301	47.77355	10.60087	0.1094564	0.22514608	2.6760432	21	5 12.7	20.3
526136 2005 UC_{533}	18.3	X	153.87595	326.94793	219.30034	6.18492	0.0939784	0.30046380	2.2077062	21	9 27.5	21.4
526137 2005 UK_{533}	16.5	X	256.28582	323.24799	51.81521	22.60449	0.0793550	0.23081715	2.6320290	21	6 3.8	20.4
526138 2005 UL_{533}	17.7	X	326.83582	276.80414	100.64327	6.78052	0.2005046	0.24365377	2.5387540	21	9 22.2	19.9
526139 2005 UN_{533}	18.5	X	344.44301	88.98552	249.80034	4.58754	0.2257500	0.30262353	2.1971899	21	9 4.5	19.4
526140 2005 VO_{2}	18.2	X	59.83707	101.15299	239.30005	17.79638	0.0748606	0.37908861	1.8907853	21	—	—
526141 2005 VC_{5}	17.7	X	245.19021	54.27492	37.41235	13.82042	0.1863996	0.23576064	2.5951065	21	8 29.6	21.7
526142 2005 VE_{19}	17.7	X	234.59699	353.76930	64.53050	4.92055	0.1109803	0.23202513	2.6228857	21	7 5.9	21.4
526143 2005 VC_{25}	17.5	X	264.39544	99.85778	246.86496	4.97960	0.1661831	0.22687321	2.6624445	21	4 29.3	21.4
526144 2005 VL_{28}	17.3	X	200.33329	342.77631	57.60144	4.20759	0.2039255	0.22374527	2.6872009	21	5 5.9	21.9
526145 2005 VJ_{35}	18.0	X	190.15907	74.70175	12.38024	5.57709	0.0966038	0.22932387	2.6434426	21	6 25.4	22.0
526146 2005 VN_{42}	17.0	X	249.25562	3.65771	66.69753	13.90365	0.2431500	0.23381711	2.6094673	21	7 25.1	21.2
526147 2005 VW_{45}	17.4	X	344.82993	205.05642	56.90660	4.96449	0.0537319	0.22435680	2.6823157	21	5 12.8	20.7
526148 2005 VX_{49}	16.1	X	285.96595	156.71494	234.58282	16.63165	0.1539584	0.17436937	3.1731401	21	7 21.3	20.8
526149 2005 VR_{51}	16.7	X	214.44090	344.10525	74.63645	12.54253	0.1796045	0.22868949	2.6483289	21	6 9.9	21.0
526150 2005 VK_{69}	18.2	X	239.22293	28.99362	71.47897	7.38082	0.2650955	0.23488201	2.6015741	21	8 21.6	22.4
526151 2005 VE_{80}	17.4	X	198.71317	149.87931	223.43794	17.46440	0.1523208	0.22052965	2.7132599	21	3 29.2	22.0
526152 2005 VR_{83}	18.0	X	268.32313	203.16846	198.37527	5.88708	0.2628570	0.23467173	2.6031281	21	7 2.2	21.9
526153 2005 VW_{95}	18.5	X	274.44555	235.15193	233.16888	19.24912	0.0956514	0.36995447	1.9217808	21	12 5.8	19.8
526154 2005 VY_{98}	16.7	X	243.33860	293.13644	53.92733	16.62628	0.2464050	0.22548702	2.6733450	21	4 10.6	21.4
526155 2005 VG_{102}	16.7	X	156.76307	201.39709	248.55284	15.35744	0.2352843	0.22200876	2.7011952	21	5 31.6	21.3
526156 2005 VU_{102}	17.5	X	236.13643	301.94704	39.40416	12.91461	0.2787748	0.22601433	2.6691853	21	3 26.1	22.4
526157 2005 VM_{106}	17.5	X	236.93589	327.79369	30.59328	6.52187	0.0461167	0.22344710	2.6895910	21	4 26.5	21.1
526158 2005 VO_{111}	18.3	X	130.12198	354.37870	245.13279	19.99788	0.0116601	0.36903681	1.9249654	21	11 24.5	19.9
526159 2005 VO_{114}	17.7	X	270.15675	310.49993	99.75021	7.83324	0.3520704	0.23559024	2.5963576	21	7 4.9	21.8
526160 2005 VL_{134}	17.8	X	247.77151	174.34947	241.31479	5.26757	0.1602909	0.23173713	2.6250584	21	7 10.6	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526161 2005 VF_{138}	16.7	X	63.22442	254.66441	88.46559	6.51050	0.1201673	0.25130767	2.4869414	21	—	—
526162 2005 VH_{138}	17.2	X	104.62032	227.85459	102.12318	5.56365	0.2100221	0.25744723	2.4472438	21	—	—
526163 2005 VJ_{138}	17.6	X	86.84731	255.57977	95.41928	6.33478	0.2616113	0.25890543	2.4380463	21	—	—
526164 2005 VK_{138}	17.0	X	292.50859	266.40035	46.84776	17.08645	0.2502153	0.23050951	2.6343703	21	4 12.9	20.9
526165 2005 WA_{5}	17.6	X	195.55104	61.98971	3.13267	15.61124	0.3592936	0.22519320	2.6756699	21	5 26.3	23.0
526166 2005 WG_{12}	16.7	X	307.88323	145.06532	237.18631	8.13365	0.0583333	0.17344316	3.1844267	21	8 24.2	21.1
526167 2005 WW_{12}	17.7	X	166.29981	243.50231	236.92002	3.61576	0.1326208	0.22623076	2.6674827	21	7 13.2	22.0
526168 2005 WF_{15}	19.0	X	251.15098	177.38800	247.56367	4.35065	0.1399483	0.29640728	2.2278031	21	7 30.9	21.9
526169 2005 WP_{21}	18.7	X	353.06574	328.18502	47.35872	4.98746	0.1805207	0.30836166	2.1698471	21	12 2.7	20.2
526170 2005 WT_{24}	17.7	X	186.94873	148.74980	287.75253	3.27610	0.2260110	0.22351806	2.6890216	21	6 7.8	22.3
526171 2005 WP_{26}	17.6	X	203.03609	351.85223	53.77873	3.57472	0.1825826	0.22246714	2.6974835	21	5 14.7	22.1
526172 2005 WM_{28}	18.1	X	223.32218	54.75282	53.37397	5.16438	0.2015300	0.23292719	2.6161095	21	8 21.4	22.3
526173 2005 WV_{30}	18.3	X	264.06105	347.98444	45.09608	4.06437	0.2423654	0.23190946	2.6237578	21	6 19.6	22.2
526174 2005 WZ_{30}	18.6	X	300.77489	105.66112	265.92730	4.41649	0.2907089	0.29964183	2.2117418	21	6 29.0	20.6
526175 2005 WR_{31}	16.8	X	297.27435	100.03879	258.57615	11.43145	0.2916447	0.23406878	2.6075965	21	6 6.1	19.9
526176 2005 WF_{32}	17.5	X	200.79513	209.01471	255.04031	11.84150	0.2057511	0.22815883	2.6524336	21	7 21.1	22.1
526177 2005 WL_{32}	16.2	X	291.84673	349.86130	69.29938	12.18576	0.0410882	0.17477001	3.1682889	21	10 1.2	20.7
526178 2005 WW_{35}	15.9	X	15.67132	238.67629	79.61282	14.75785	0.1387696	0.17422168	3.1749332	21	9 28.2	20.0
526179 2005 WW_{42}	18.1	X	275.76412	344.17588	57.70097	4.91510	0.2320147	0.23499482	2.6007415	21	7 17.3	21.6
526180 2005 WV_{44}	18.1	X	200.61581	203.87418	251.39140	4.23011	0.2493879	0.22789886	2.6544504	21	7 10.9	22.8
526181 2005 WM_{52}	16.5	X	181.73706	26.29653	75.66090	36.98915	0.3817171	0.22506463	2.6766888	21	6 30.4	22.0
526182 2005 WG_{53}	17.7	X	178.78246	227.92992	253.44484	11.78296	0.1721224	0.22697558	2.6616440	21	7 23.9	22.3
526183 2005 WX_{56}	16.6	X	160.78814	24.96059	66.82681	26.73065	0.1174897	0.22073293	2.7115938	21	5 31.2	20.7
526184 2005 WP_{58}	16.9	X	247.12254	54.77643	96.05510	13.31113	0.0772995	0.24084503	2.5584538	21	11 28.7	20.3
526185 2005 WQ_{59}	17.2	X	212.76689	202.63145	250.82795	13.68016	0.1068585	0.23016238	2.6370184	21	7 23.6	21.4
526186 2005 WT_{69}	17.5	X	191.99881	335.01776	86.78281	4.64201	0.0928189	0.22172169	2.7035263	21	5 26.1	21.4
526187 2005 WN_{76}	17.0	X	244.48080	119.92685	256.88176	10.59322	0.0926673	0.22492685	2.6777818	21	5 24.9	21.0
526188 2005 WT_{81}	17.7	X	219.83913	154.08468	265.63395	12.65201	0.2451327	0.22645450	2.6657254	21	6 12.9	22.3
526189 2005 WV_{82}	18.5	X	299.58412	201.95267	228.48023	4.40531	0.2044462	0.24324548	2.5415941	21	10 8.1	21.0
526190 2005 WY_{86}	17.5	X	253.52259	127.79749	238.20539	11.39341	0.3175263	0.22886533	2.6469722	21	4 28.9	22.1
526191 2005 WY_{90}	17.6	X	198.75633	157.62694	246.65065	7.50105	0.2737981	0.22311183	2.6922847	21	5 7.8	22.4
526192 2005 WO_{95}	17.3	X	250.02619	260.57445	83.96280	6.53464	0.0245228	0.21853255	2.7297652	21	4 30.0	21.0
526193 2005 WD_{102}	17.9	X	225.52095	179.65117	236.64165	3.80621	0.2917870	0.22762244	2.6565990	21	6 10.8	22.6
526194 2005 WQ_{115}	19.2	X	321.02213	99.10125	276.84726	2.12443	0.1725595	0.30474276	2.1869916	21	9 12.6	20.7
526195 2005 WP_{116}	16.6	X	224.66420	189.26183	254.47664	13.09270	0.2163922	0.22888596	2.6468131	21	7 16.1	21.0
526196 2005 WV_{121}	17.2	X	199.85087	3.60379	74.70714	15.23230	0.2240683	0.22569382	2.6717118	21	6 19.9	21.8
526197 2005 WP_{122}	16.4	X	282.04047	184.58733	194.18786	9.03646	0.0914137	0.17649261	3.1476398	21	7 12.9	21.0
526198 2005 WM_{125}	17.7	X	254.31840	139.75115	234.06467	3.77587	0.1537823	0.22900279	2.6459128	21	5 25.7	21.7
526199 2005 WN_{132}	17.7	X	240.24476	151.49538	217.27068	0.52557	0.1522240	0.22364875	2.6879740	21	5 4.8	21.9
526200 2005 WQ_{139}	17.1	X	25.34019	80.16778	281.49169	1.71247	0.2021449	0.18479023	3.0526947	21	12 9.8	20.9
526201 2005 WC_{142}	15.9	X	272.19805	326.59057	30.41294	12.16031	0.0214369	0.16877685	3.2428545	21	6 12.8	20.7
526202 2005 WZ_{143}	18.4	X	245.15007	86.27877	73.79297	22.46485	0.0629067	0.37297674	1.9113852	21	—	—
526203 2005 WF_{151}	16.7	X	195.32705	357.94982	68.20363	17.15954	0.3369025	0.22315187	2.6919627	21	5 31.5	21.8
526204 2005 WB_{159}	16.7	X	202.56255	186.41828	261.05502	25.05885	0.1850931	0.22655970	2.6649002	21	7 2.3	21.3
526205 2005 WJ_{176}	16.9	X	256.05581	119.21608	278.80881	11.76765	0.2680150	0.22965352	2.6409123	21	6 15.5	21.0
526206 2005 WD_{183}	17.5	X	222.00044	123.72145	284.05230	6.47694	0.2688728	0.22738992	2.6584097	21	5 29.2	22.1
526207 2005 WF_{190}	17.0	X	278.35928	90.76611	282.03429	11.40374	0.2925118	0.23377043	2.6098147	21	6 1.7	21.0
526208 2005 WT_{191}	17.0	X	252.45800	101.67004	258.63948	10.87545	0.2784402	0.22915014	2.6447785	21	4 22.3	21.7
526209 2005 WG_{192}	17.0	X	269.72213	268.87137	93.62764	17.34921	0.2268871	0.22999428	2.6383031	21	5 23.1	21.1
526210 2005 WL_{192}	18.2	X	305.39347	224.92961	231.45684	19.67321	0.0996095	0.37373307	1.9088056	21	—	—
526211 2005 XA_{12}	17.5	X	200.83769	156.20773	244.72978	12.81227	0.2523534	0.22293662	2.6936951	21	5 5.1	22.4
526212 2005 XW_{21}	16.8	X	141.14435	181.83996	263.55465	14.93978	0.1875194	0.21677430	2.7445061	21	5 7.4	21.3
526213 2005 XD_{30}	16.9	X	47.72598	88.57996	226.71068	8.70319	0.1230620	0.18281404	3.0746547	21	10 31.7	21.1
526214 2005 XP_{30}	17.3	X	261.38484	286.17346	113.53489	6.03281	0.1851936	0.23103072	2.6304067	21	7 2.7	21.1
526215 2005 XE_{34}	17.1	X	230.51500	137.34650	253.36205	10.99925	0.2189133	0.22467108	2.6798137	21	5 17.9	21.5
526216 2005 XP_{34}	16.9	X	137.44320	211.74152	254.00099	14.24377	0.3044787	0.21688995	2.7435303	21	6 8.7	21.6
526217 2005 XV_{36}	17.5	X	237.86575	291.03931	75.66096	5.91480	0.1314423	0.21904968	2.7254672	21	5 3.2	21.7
526218 2005 XT_{48}	17.9	X	191.71567	141.03649	13.52934	1.35740	0.0739393	0.23595043	2.5937147	21	9 24.8	21.5
526219 2005 XB_{50}	17.1	X	201.94432	338.68661	66.11420	7.79384	0.0878812	0.21913149	2.7247888	21	5 15.4	21.3
526220 2005 XU_{52}	17.5	X	205.34911	61.50857	78.71271	14.60419	0.2304064	0.23146473	2.6271175	21	9 17.7	22.2
526221 2005 XY_{58}	17.7	X	258.36108	55.87215	303.67364	2.38835	0.2475096	0.22619611	2.6677551	21	5 1.1	22.0
526222 2005 XM_{60}	18.3	X	235.40088	272.91781	246.55467	19.09588	0.0867115	0.37377508	1.9086626	21	12 19.2	19.9
526223 2005 XR_{70}	17.3	X	232.48805	93.17220	290.40138	5.57060	0.0357022	0.22091330	2.7101176	21	5 24.9	21.2
526224 2005 XZ_{80}	17.0	X	264.07974	289.84080	75.28993	13.73173	0.1933072	0.22685942	2.6625525	21	5 21.9	21.0
526225 2005 XY_{96}	17.7	X	216.78349	255.30408	215.21260	12.30839	0.1234945	0.23797517	2.5789819	21	8 17.8	21.8
526226 2005 YN_{2}	17.8	X	251.27984	336.32133	39.41042	1.23336	0.2326848	0.22814437	2.6525457	21	5 16.9	21.9
526227 2005 YZ_{7}	18.0	X	268.33951	347.99208	107.37644	4.54322	0.1723139	0.23587699	2.5942530	21	9 29.5	21.3
526228 2005 YP_{12}	16.8	X	166.29834	340.98716	91.41929	10.03399	0.1085423	0.21705588	2.7421319	21	5 15.2	21.1
526229 2005 YG_{13}	17.4	X	276.77623	138.86746	290.82165	10.81522	0.0538422	0.23232497	2.6206284	21	9 15.8	21.0
526230 2005 YU_{14}	17.3	X	221.86101	146.27851	291.23226	14.96427	0.2259464	0.22573955	2.6713510	21	7 8.4	21.7
526231 2005 YV_{14}	16.9	X	181.45672	49.02645	112.86965	19.82819	0.0566528	0.22987358	2.6392265	21	10 1.7	21.1
526232 2005 YF_{17}	17.4	X	231.60106	14.52039	90.28043	4.23300	0.0579867	0.23575719	2.5951318	21	9 10.9	21.0
526233 2005 YA_{21}	17.5	X	175.28349	57.18622	96.88090	4.75279	0.2031817	0.22699294	2.6615083	21	9 4.6	22.0
526234 2005 YH_{25}	17.5	X	234.12873	295.20159	111.55822	9.69611	0.2707798	0.22530233	2.6748058	21	6 8.1	22.1
526235 2005 YV_{27}	17.3	X	191.49186	70.87208	320.61497	3.68360	0.1343650	0.21297848	2.7770193	21	4 15.9	21.9
526236 2005 YV_{34}	16.1	X	263.82825	304.52364	118.65486	22.73897	0.0405921	0.22823589	2.6518366	21	9 1.7	19.9
526237 2005 YF_{36}	16.8	X	192.86309	118.87741	299.71201	24.22677	0.1722787	0.21736823	2.7395044	21	5 18.9	21.8
526238 2005 YY_{36}	19.5	X	337.13525	214.42821	275.09045	4.60500	0.3954273	0.37841001	1.8930451	21	—	—
526239 2005 YG_{47}	18.8	X	9.12508	71.01537	293.32963	16.99688	0.1104483	0.36617142	1.9349946	21	12 20.5	20.7
526240 2005 YL_{59}	17.2	X	109.63429	65.02829	111.32301	11.19531	0.1626117	0.21813857	2.7330511	21	7 30.7	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526241 2005 YV_{64}	17.0	X	194.40272	2.65255	96.96033	7.81976	0.1548819	0.22449741	2.6811956	21	7 14.6	21.4
526242 2005 YU_{82}	17.5	X	145.01385	18.78929	108.99027	10.09526	0.2355368	0.21799588	2.7342435	21	7 7.7	22.0
526243 2005 YM_{84}	18.2	X	269.94198	243.90032	215.98549	2.47531	0.1878305	0.23671799	2.5881049	21	10 2.4	21.5
526244 2005 YR_{92}	16.9	X	195.75744	205.36035	287.07108	14.07576	0.0827951	0.22793083	2.6542022	21	8 23.9	21.1
526245 2005 YA_{93}	17.2	X	242.11996	224.53036	277.17422	12.12010	0.1207354	0.23777960	2.5803958	21	10 27.7	21.0
526246 2005 YG_{97}	17.3	X	218.16174	328.27778	88.06059	7.41745	0.1386120	0.22307687	2.6925660	21	6 13.2	21.5
526247 2005 YY_{97}	18.1	X	250.89361	158.90918	98.36340	21.02311	0.0264448	0.38901327	1.8584880	21	—	—
526248 2005 YD_{98}	16.8	X	336.65550	199.05406	91.54416	10.04798	0.0267951	0.21991051	2.7183502	21	6 12.0	20.3
526249 2005 YW_{114}	17.8	X	247.52073	110.89443	301.64852	11.71390	0.2600902	0.22787085	2.6546679	21	6 27.4	22.1
526250 2005 YB_{115}	16.2	X	250.62769	116.10911	301.06985	21.29519	0.0563150	0.22549771	2.6732606	21	7 29.4	19.8
526251 2005 YY_{117}	17.7	X	187.93607	317.82290	101.98267	5.50578	0.1946599	0.21756131	2.7378834	21	5 20.5	22.3
526252 2005 YO_{124}	17.3	X	183.79694	20.03239	86.91330	14.24714	0.2249490	0.22326795	2.6910295	21	7 13.3	22.0
526253 2005 YV_{124}	17.6	X	167.94395	8.82893	81.59874	9.83791	0.2258275	0.21907530	2.7252548	21	6 10.0	22.2
526254 2005 YZ_{125}	18.8	X	235.47635	100.50186	357.31740	2.11663	0.1200319	0.29444165	2.2377070	21	8 31.6	21.7
526255 2005 YP_{128}	16.6	X	196.91552	272.19431	251.14592	26.57024	0.3777333	0.23480485	2.6021441	21	9 13.3	22.1
526256 2005 YW_{128}	18.1	X	350.13749	195.06509	285.76167	19.52950	0.0904808	0.38181092	1.8817871	21	—	—
526257 2005 YT_{135}	17.9	X	342.99494	331.92375	87.36480	8.07565	0.0582433	0.24386277	2.5373033	21	12 17.6	20.9
526258 2005 YS_{137}	18.0	X	173.49076	171.40138	357.04637	2.15660	0.0962373	0.23053425	2.6341818	21	9 21.0	22.0
526259 2005 YH_{140}	16.4	X	100.37673	339.77890	302.23009	8.96190	0.1857222	0.23828819	2.5767228	21	12 2.3	20.6
526260 2005 YU_{158}	18.2	X	314.39954	240.98750	126.29308	7.11656	0.2236115	0.29694162	2.2251297	21	8 3.8	19.8
526261 2005 YS_{166}	18.4	X	269.33175	310.68010	165.90870	3.78208	0.1452348	0.23957179	2.5675107	21	11 2.4	21.4
526262 2005 YV_{166}	16.1	X	177.85361	207.53550	267.66288	8.86138	0.0695916	0.15908589	3.3732481	21	7 16.6	21.2
526263 2005 YM_{172}	17.1	X	234.89147	143.62105	266.01242	16.89657	0.2670089	0.22918745	2.6444914	21	6 11.5	21.6
526264 2005 YQ_{180}	16.7	X	176.73885	348.96435	106.72624	14.84785	0.2130661	0.22288623	2.6941011	21	6 23.8	21.4
526265 2005 YF_{188}	17.6	X	148.06749	271.10455	276.73246	4.41600	0.1816232	0.22642969	2.6659201	21	9 18.4	22.1
526266 2005 YG_{193}	16.6	X	150.43994	294.39295	302.86358	12.40581	0.1694999	0.23442209	2.6049758	21	11 19.5	21.1
526267 2005 YR_{193}	17.5	X	194.28503	328.50630	115.73560	5.15059	0.0952669	0.21995126	2.7180143	21	6 26.2	21.5
526268 2005 YH_{196}	17.0	X	306.56624	252.51265	81.21110	6.37572	0.0826562	0.22364027	2.6880420	21	6 19.9	20.3
526269 2005 YX_{202}	17.2	X	224.78410	153.33113	284.65261	13.56825	0.0921032	0.22630849	2.6668719	21	7 20.8	21.1
526270 2005 YD_{207}	16.7	X	193.66497	291.71543	110.65864	14.28742	0.0673678	0.21452081	2.7636928	21	5 8.8	21.0
526271 2005 YO_{230}	17.4	X	188.39429	152.68489	279.84167	8.86350	0.1991949	0.21731271	2.7399710	21	6 4.2	22.1
526272 2006 AD_{13}	16.5	X	187.72022	328.20420	93.30723	14.84411	0.1971707	0.22038582	2.7144402	21	5 24.2	21.2
526273 2006 AY_{33}	16.6	X	175.79359	246.68129	320.44747	28.88145	0.3105091	0.23169415	2.6253830	21	10 17.9	22.1
526274 2006 AF_{35}	18.4	X	68.42297	42.88581	298.53956	19.13722	0.0342971	0.37046200	1.9200253	21	—	—
526275 2006 AS_{37}	18.0	X	341.43910	293.97830	120.56202	3.69069	0.1885504	0.24314845	2.5422702	21	12 18.9	20.3
526276 2006 AW_{46}	17.0	X	231.71202	98.52267	283.16136	23.63910	0.1958186	0.22032807	2.7149146	21	5 5.3	22.0
526277 2006 AX_{53}	17.7	X	200.29973	243.27234	256.36924	3.58267	0.1250650	0.22883273	2.6472236	21	9 8.9	21.8
526278 2006 AE_{60}	18.1	X	270.71017	292.48150	117.86538	6.99485	0.0773285	0.29242468	2.2479848	21	8 19.7	20.6
526279 2006 AK_{60}	18.1	X	276.37680	137.77781	292.62445	2.37479	0.1675202	0.23391766	2.6087194	21	9 3.8	21.2
526280 2006 AP_{64}	18.2	X	234.36579	88.37720	336.22045	2.05431	0.1948293	0.22664705	2.6642154	21	7 5.7	22.3
526281 2006 AX_{69}	17.6	X	126.08956	186.11443	329.23992	4.91539	0.0337849	0.22014613	2.7164102	21	7 7.8	21.3
526282 2006 AA_{89}	17.7	X	173.36206	254.67902	298.78599	3.20218	0.1756933	0.23078296	2.6322889	21	10 18.3	22.1
526283 2006 AA_{90}	17.6	X	303.49658	111.97646	306.74863	5.55129	0.1265008	0.29753085	2.2221910	21	10 17.2	19.6
526284 2006 AB_{90}	17.2	X	165.64566	225.42461	313.32230	12.26236	0.1135803	0.22639320	2.6662066	21	9 19.5	21.6
526285 2006 AE_{100}	17.1	X	254.58838	270.07143	88.85555	9.53324	0.2041579	0.22508234	2.6765484	21	5 5.0	21.4
526286 2006 AY_{107}	18.0	X	146.25294	35.86290	298.16177	15.50053	0.0839430	0.38313626	1.8774450	21	—	—
526287 2006 AD_{108}	17.8	X	217.83255	215.03806	318.78300	2.17147	0.1413725	0.23741333	2.5830491	21	11 9.9	21.6
526288 2006 AL_{108}	17.4	X	2.85719	23.30509	300.03121	11.47817	0.0732989	0.22795397	2.6540225	21	8 31.7	20.8
526289 2006 BT_{10}	17.5	X	228.12584	317.50967	126.19108	14.50502	0.2259544	0.22639254	2.6662118	21	7 21.1	21.9
526290 2006 BE_{13}	18.2	X	309.65280	197.71317	310.35513	20.32876	0.1137753	0.37621988	1.9003848	21	—	—
526291 2006 BQ_{13}	17.3	X	299.03973	60.49987	303.14025	6.83725	0.1227121	0.22658399	2.6647097	21	7 14.8	20.7
526292 2006 BQ_{16}	17.3	X	161.54661	349.30212	124.54522	13.83750	0.1850932	0.21921708	2.7240795	21	7 2.7	21.9
526293 2006 BL_{20}	17.5	X	220.22087	294.49345	117.88776	7.59395	0.0216962	0.21857583	2.7294048	21	6 19.4	21.3
526294 2006 BX_{30}	17.6	X	199.72169	176.07758	323.50849	13.29564	0.1870013	0.22723631	2.6596076	21	9 3.5	21.9
526295 2006 BE_{43}	17.9	X	195.68672	133.10128	345.13227	3.52374	0.2619907	0.22430259	2.6827479	21	8 5.2	22.5
526296 2006 BD_{52}	17.5	X	123.87814	78.84578	128.40410	5.35444	0.1294328	0.22374214	2.6872260	21	9 21.6	21.7
526297 2006 BE_{63}	17.0	X	201.65343	218.21570	308.83072	21.59894	0.0293540	0.23471244	2.6028271	21	10 13.6	21.1
526298 2006 BP_{64}	17.6	X	171.67877	137.96828	314.36561	2.49383	0.1638048	0.21743946	2.7389061	21	6 13.9	22.1
526299 2006 BY_{69}	17.3	X	227.31409	69.81043	111.27831	10.35750	0.1435899	0.23821259	2.5772680	21	12 2.2	21.0
526300 2006 BJ_{74}	17.6	X	136.56600	209.60135	343.21126	7.34268	0.2111192	0.22255509	2.6967728	21	9 16.9	22.1
526301 2006 BZ_{79}	16.4	X	49.89699	116.15711	87.45596	4.99524	0.0340359	0.20853875	2.8162954	21	5 30.7	20.0
526302 2006 BZ_{86}	17.1	X	205.52020	293.28214	114.97130	5.14641	0.0762979	0.21414760	2.7669028	21	5 24.8	21.3
526303 2006 BJ_{88}	17.6	X	197.19216	46.43338	123.62959	4.83022	0.1522681	0.23124113	2.6288108	21	10 16.5	21.7
526304 2006 BJ_{90}	17.2	X	191.98278	233.03260	337.11574	5.45465	0.2183815	0.23351312	2.6117315	21	11 21.3	21.7
526305 2006 BB_{91}	17.3	X	212.71975	335.29548	147.66071	13.06716	0.1525728	0.22629089	2.6670101	21	8 31.9	21.5
526306 2006 BC_{95}	17.7	X	217.94546	329.37418	154.48110	14.33874	0.2019620	0.22691526	2.6621156	21	9 2.9	22.1
526307 2006 BP_{97}	18.2	X	257.15120	32.92259	72.76202	2.59425	0.1897261	0.23509668	2.5999903	21	9 24.6	21.6
526308 2006 BF_{100}	18.1	X	217.81343	26.49180	68.45161	6.63477	0.3627793	0.22682435	2.6628269	21	7 19.6	23.1
526309 2006 BS_{113}	17.4	X	200.65657	289.95145	128.39924	5.70011	0.1552482	0.21688142	2.7436022	21	5 30.3	21.9
526310 2006 BF_{126}	17.1	X	184.60734	356.93640	157.40252	5.29168	0.0484332	0.22466654	2.6798498	21	9 17.3	20.8
526311 2006 BE_{137}	17.2	X	178.56551	226.26642	314.31358	12.29057	0.2002158	0.22804164	2.6533423	21	10 1.5	21.9
526312 2006 BO_{141}	16.8	X	237.33871	262.56150	125.43635	14.69037	0.1654183	0.21778081	2.7360434	21	5 29.1	21.3
526313 2006 BW_{150}	16.9	X	321.77764	39.86675	264.92784	4.97953	0.0455568	0.21743347	2.7389564	21	6 7.6	20.3
526314 2006 BS_{156}	17.5	X	143.22757	252.98566	344.12641	12.16351	0.1216430	0.22947493	2.6422823	21	11 9.9	21.9
526315 2006 BZ_{167}	18.2	X	206.19651	126.08738	138.86622	23.95225	0.0574689	0.37704500	1.8976113	21	—	—
526316 2006 BH_{169}	14.0	X	334.61065	131.43567	161.69916	23.54890	0.0407705	0.08146510	5.2701340	21	6 17.2	21.1
526317 2006 BO_{169}	18.0	X	221.29035	320.17214	140.97011	2.68452	0.1686625	0.22407120	2.6845945	21	8 10.5	22.2
526318 2006 BG_{175}	17.4	X	164.70018	226.49605	28.11105	5.39396	0.3087596	0.23533111	2.5982633	21	12 19.9	22.3
526319 2006 BA_{186}	17.1	X	141.49016	320.66414	149.96657	9.57801	0.1201493	0.21227130	2.7831837	21	6 6.8	21.5
526320 2006 BL_{202}	18.4	X	134.55322	349.72301	327.64800	16.48136	0.0700458	0.37506843	1.9042723	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526321 2006 BK_{206}	17.1	X	128.29143	175.13497	291.74548	3.26978	0.0199003	0.21021680	2.8012880	21	5 3.7	21.0
526322 2006 BU_{211}	17.3	X	269.93808	75.96670	343.95345	12.23797	0.2584505	0.22776857	2.6554626	21	8 2.1	21.2
526323 2006 BP_{213}	17.2	X	193.29448	105.96875	353.73535	12.32957	0.2266306	0.22252671	2.6970021	21	7 14.6	22.1
526324 2006 BB_{217}	17.3	X	220.74877	165.23801	322.39642	12.90338	0.1946198	0.23097937	2.6307965	21	9 7.1	21.5
526325 2006 BD_{222}	16.8	X	273.69077	115.70348	316.76425	12.39098	0.2379571	0.23210367	2.6222940	21	8 21.6	20.3
526326 2006 BA_{228}	18.1	X	342.04094	4.07899	150.59453	24.35349	0.0371542	0.38122168	1.8837257	21	—	—
526327 2006 BJ_{236}	17.2	X	134.67078	130.27834	341.70469	8.28098	0.1244139	0.21234062	2.7825779	21	5 29.3	21.5
526328 2006 BC_{239}	17.2	X	240.55591	296.67053	156.34971	4.44374	0.1579637	0.23066104	2.6332164	21	8 21.5	21.1
526329 2006 BJ_{270}	17.1	X	196.77955	208.59087	304.76405	13.32116	0.1960880	0.22830430	2.6513068	21	9 13.9	21.7
526330 2006 BH_{278}	17.6	X	352.55947	266.48516	141.20717	7.36535	0.0748862	0.24038694	2.5617032	21	12 17.5	20.7
526331 2006 BF_{286}	18.1	X	189.95244	314.81779	289.02753	4.45391	0.1451914	0.30821299	2.1705448	21	—	—
526332 2006 BJ_{286}	16.4	X	4.89770	222.65633	128.78207	14.13298	0.2089978	0.23415143	2.6069828	21	11 10.4	19.3
526333 2006 BK_{286}	18.4	X	237.38638	172.21157	299.81969	3.87241	0.0872417	0.29366863	2.2416321	21	9 25.6	21.1
526334 2006 BL_{286}	18.0	X	143.06022	333.45920	307.40006	3.78193	0.1874456	0.30350756	2.1929213	21	—	—
526335 2006 BO_{286}	18.4	X	76.22818	264.36618	141.25905	21.95423	0.1313812	0.38448535	1.8730506	21	—	—
526336 2006 CP	17.8	X	259.57620	3.14510	132.97037	26.13447	0.3343676	0.30285081	2.1960904	21	11 4.4	21.0
526337 2006 CU_{3}	18.2	X	229.01263	310.98504	156.00381	4.38578	0.1983122	0.22895395	2.6462891	21	8 22.9	22.4
526338 2006 CO_{23}	17.0	X	151.94052	152.92847	308.83221	11.51917	0.0754032	0.21650671	2.7467670	21	5 31.5	21.2
526339 2006 CQ_{23}	17.7	X	227.66284	148.46466	312.96165	13.80119	0.1631817	0.22793739	2.6541513	21	8 16.4	21.7
526340 2006 CX_{24}	18.9	X	322.03800	324.67335	118.19611	3.74400	0.0975015	0.30548716	2.1834374	21	—	—
526341 2006 CG_{27}	18.2	X	197.61132	169.47688	312.30106	9.89665	0.0241936	0.28852350	2.2682030	21	8 24.1	20.9
526342 2006 CE_{32}	17.7	X	230.53198	178.95865	263.69102	3.83774	0.2065648	0.22509508	2.6764474	21	7 23.1	22.1
526343 2006 CG_{44}	17.2	X	131.05554	74.61712	121.22318	12.99570	0.1277325	0.22633121	2.6666934	21	9 16.9	21.5
526344 2006 CX_{45}	17.7	X	174.56099	53.97660	128.14290	14.06492	0.1858154	0.22904676	2.6455742	21	10 12.4	22.3
526345 2006 CS_{50}	17.1	X	188.85072	307.08556	128.69644	7.01018	0.1382453	0.21946210	2.7220516	21	6 9.9	21.5
526346 2006 CH_{64}	17.0	X	275.76950	35.12179	95.64375	17.81020	0.0818405	0.24635801	2.5201415	21	12 12.2	20.0
526347 2006 CV_{64}	17.8	X	275.19152	299.87670	116.91056	2.87266	0.1950950	0.23516808	2.5994639	21	8 11.4	21.2
526348 2006 CX_{64}	16.6	X	54.04496	298.42503	270.91662	11.26120	0.1491825	0.21878236	2.7276869	21	6 28.8	19.7
526349 2006 CD_{71}	17.3	X	31.21910	343.73034	316.30546	2.72628	0.1695923	0.22582161	2.6707038	21	9 30.4	20.4
526350 2006 CK_{81}	17.7	X	178.17534	194.68661	290.20277	4.36253	0.2381748	0.22061662	2.7125468	21	7 30.1	22.4
526351 2006 DP_{23}	18.5	X	84.79547	10.90812	343.61783	19.70331	0.0719252	0.37084718	1.9186955	21	—	—
526352 2006 DO_{24}	17.0	X	240.66289	94.37322	345.95885	11.96710	0.0567509	0.22178941	2.7029759	21	8 20.3	20.7
526353 2006 DY_{26}	17.3	X	152.56479	215.49406	4.25585	3.87777	0.1512073	0.22672165	2.6636309	21	11 1.1	21.7
526354 2006 DU_{36}	17.9	X	108.53833	223.89432	348.89986	8.17569	0.0795366	0.28204501	2.3028046	21	9 9.9	20.9
526355 2006 DN_{45}	18.1	X	183.90831	258.91558	284.24020	0.70929	0.1299140	0.22937684	2.6430355	21	10 18.3	22.2
526356 2006 DW_{68}	17.0	X	132.33782	160.19296	7.24470	24.09151	0.1293829	0.28075163	2.3098717	21	8 23.4	20.8
526357 2006 DF_{73}	17.7	X	139.42848	128.20381	12.09210	9.81750	0.3801960	0.21454281	2.7635039	21	7 28.5	23.0
526358 2006 DS_{89}	18.1	X	252.71854	155.82016	312.75394	2.36963	0.1514205	0.23041049	2.6351250	21	9 25.4	21.6
526359 2006 DW_{91}	17.7	X	256.63140	298.18852	169.18040	4.94621	0.1377607	0.23007285	2.6377024	21	10 2.8	21.3
526360 2006 DX_{92}	18.1	X	190.02100	180.13993	358.31367	2.51732	0.1730733	0.22704585	2.6610947	21	10 15.6	22.3
526361 2006 DF_{95}	18.5	X	358.73803	74.30446	0.44685	21.59025	0.0714810	0.36811469	1.9281787	21	—	—
526362 2006 DK_{98}	18.3	X	92.46027	232.05405	158.04091	21.42577	0.0903819	0.38069005	1.8854790	21	—	—
526363 2006 DH_{107}	17.5	X	143.08643	316.81899	182.87895	5.57854	0.1773544	0.21394401	2.7686579	21	7 16.8	22.0
526364 2006 DB_{108}	17.6	X	151.48664	41.42627	181.54534	4.72664	0.0794472	0.22711108	2.6605852	21	11 6.1	21.5
526365 2006 DL_{112}	17.6	X	177.48851	6.06612	247.89725	1.71187	0.0993414	0.23850792	2.5751400	21	—	—
526366 2006 DU_{117}	18.5	X	200.35176	193.74227	7.83840	7.05958	0.0737528	0.29630346	2.2283235	21	12 13.9	21.4
526367 2006 DV_{121}	17.1	X	169.60204	126.37547	350.96229	12.38729	0.1253185	0.21832896	2.7314619	21	7 16.2	21.6
526368 2006 DD_{124}	17.3	X	148.10741	57.18131	166.94546	12.25010	0.1008094	0.22831919	2.6511916	21	11 6.3	21.5
526369 2006 DK_{134}	17.2	X	187.58376	352.59565	59.46905	2.57492	0.0390884	0.20734524	2.8270924	21	5 8.9	21.1
526370 2006 DX_{136}	17.5	X	128.40245	258.80020	359.15587	12.79206	0.1537999	0.22917781	2.6445656	21	11 22.9	22.0
526371 2006 DC_{142}	16.9	X	167.78107	87.43322	1.31634	12.81712	0.1820489	0.21228201	2.7830900	21	6 4.3	21.8
526372 2006 DJ_{205}	17.5	X	143.73255	113.85806	108.77772	3.33205	0.1423725	0.22680137	2.6630067	21	10 29.9	21.8
526373 2006 DZ_{205}	18.2	X	80.11723	213.43787	12.11049	5.05956	0.0903444	0.28012045	2.3133402	21	8 24.7	21.0
526374 2006 DM_{213}	14.4	X	64.12621	230.75340	338.19099	9.82838	0.0845966	0.08329366	5.1927182	21	7 5.6	21.2
526375 2006 DM_{216}	16.8	X	167.80662	101.98760	0.17622	12.91060	0.1686113	0.21258688	2.7804285	21	6 23.3	21.6
526376 2006 DG_{219}	18.3	X	173.93077	331.45840	234.21933	4.79087	0.1303162	0.35772256	1.9653436	21	11 23.3	20.5
526377 2006 DN_{219}	17.0	X	325.98228	196.84606	191.47390	5.63128	0.0517892	0.22565907	2.6719861	21	10 7.8	20.2
526378 2006 EL_{7}	17.0	X	149.29281	296.05293	178.64548	3.95323	0.0692027	0.21050452	2.7987349	21	6 15.4	21.0
526379 2006 EJ_{15}	17.5	X	178.52221	282.84311	171.57755	9.39469	0.1816901	0.21365744	2.7711330	21	6 23.1	22.3
526380 2006 EH_{18}	17.0	X	90.47200	229.60446	355.21138	12.65953	0.0583294	0.21635818	2.7480239	21	8 29.4	20.8
526381 2006 EJ_{31}	17.1	X	176.68583	171.31484	2.58635	13.70593	0.1812063	0.22474073	2.6792600	21	9 27.9	21.5
526382 2006 EE_{45}	17.2	X	172.30134	281.48228	283.16297	6.68937	0.2208933	0.22715637	2.6602316	21	10 28.3	21.9
526383 2006 EQ_{46}	17.3	X	200.65060	293.59581	141.48256	7.63182	0.2383304	0.21845941	2.7303744	21	6 17.5	22.1
526384 2006 EE_{66}	16.8	X	185.64531	44.61336	185.20165	32.43763	0.1915156	0.23206419	2.6225914	21	12 12.1	21.7
526385 2006 FP_{15}	17.5	X	214.60006	350.63033	198.81452	1.43589	0.1227949	0.23408116	2.6075046	21	11 28.5	21.3
526386 2006 FK_{30}	17.5	X	134.55850	273.53414	8.74731	4.81997	0.2416148	0.23055522	2.6340221	21	12 31.9	22.3
526387 2006 FG_{42}	16.7	X	155.98462	273.48448	207.36125	12.06075	0.1915864	0.20950796	2.8076030	21	7 4.7	21.6
526388 2006 FW_{55}	15.3	X	244.04798	224.24227	64.97359	0.53683	0.0681342	0.12559348	3.9490381	21	2 19.8	21.1
526389 2006 FG_{56}	17.1	X	320.23396	341.20786	30.02312	7.15647	0.1425431	0.28169263	2.3047247	21	9 7.7	19.1
526390 2006 GW_{30}	17.3	X	158.05343	70.68358	121.89290	16.01773	0.3099210	0.22128669	2.7070681	21	10 11.6	22.6
526391 2006 GT_{31}	17.4	X	156.28963	194.90140	32.13613	12.21820	0.1353764	0.22682696	2.6628064	21	11 12.5	21.6
526392 2006 GM_{37}	17.4	X	168.94068	172.03192	47.25768	16.96859	0.1875595	0.22602817	2.6690764	21	11 14.3	21.7
526393 2006 GY_{37}	16.8	X	181.70408	109.77856	95.59486	29.21663	0.3337913	0.22673519	2.6635249	21	11 15.2	22.2
526394 2006 GJ_{39}	17.5	X	348.82279	10.73436	33.94325	21.38558	0.0795882	0.35676683	1.9688520	21	—	—
526395 2006 GV_{55}	18.5	X	219.87419	121.75719	70.68434	5.31852	0.1399217	0.29774095	2.2211455	21	12 17.8	21.2
526396 2006 HL_{4}	17.4	X	216.06708	130.29399	55.33712	5.23678	0.1439850	0.23119465	2.6291631	21	11 22.1	21.0
526397 2006 HL_{7}	17.9	X	335.62674	136.94592	17.95832	21.35219	0.0386505	0.37666155	1.8988990	21	—	—
526398 2006 HK_{35}	17.2	X	76.80860	34.53584	220.25227	7.70130	0.2514635	0.21145673	2.7903266	21	10 11.3	21.5
526399 2006 HH_{40}	17.0	X	118.96896	147.61803	128.20434	4.33906	0.0526046	0.22450932	2.6811007	21	12 4.4	20.8
526400 2006 HN_{48}	16.4	X	297.22943	288.14305	46.53596	15.63697	0.1329137	0.20299993	2.8672934	21	5 29.1	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526401 2006 HR_{52}	18.0	X	162.14825	155.20839	81.11692	8.95122	0.2903401	0.29126004	2.2539733	21	12 4.3	21.8
526402 2006 HP_{74}	17.6	X	139.98482	81.32222	159.60321	4.28833	0.1154307	0.22240246	2.6980065	21	11 16.3	21.8
526403 2006 HN_{81}	18.5	X	218.76024	309.55570	301.38396	1.04290	0.1489823	0.30286932	2.1960010	21	—	—
526404 2006 HZ_{98}	18.0	X	304.72572	123.98898	64.08613	3.20487	0.1316217	0.24421940	2.5348326	21	—	—
526405 2006 HO_{113}	16.7	X	121.09985	219.83576	74.75094	18.12105	0.2281177	0.22509541	2.6764448	21	—	—
526406 2006 HL_{114}	18.4	X	3.50659	71.63697	18.32987	20.08401	0.1108053	0.37275568	1.9121408	21	—	—
526407 2006 HP_{114}	17.0	X	110.06251	147.25709	20.33055	17.45387	0.1884522	0.21047409	2.7990047	21	7 28.0	21.7
526408 2006 HS_{130}	17.8	X	2.04660	204.15801	179.39623	1.99272	0.0635118	0.23291891	2.6161716	21	11 26.5	20.9
526409 2006 HX_{154}	17.7	X	5.83682	144.17928	143.16663	7.87953	0.1145324	0.26914846	2.3757904	21	7 23.5	20.0
526410 2006 HZ_{154}	17.7	X	73.15881	177.43742	69.23312	7.82491	0.0740006	0.27538246	2.3397989	21	9 14.1	20.7
526411 2006 HA_{155}	18.0	X	144.90571	278.78004	70.78588	2.57102	0.1784575	0.30640870	2.1790573	21	—	—
526412 2006 HC_{155}	18.1	X	174.54157	207.36051	38.09095	5.08677	0.0876218	0.29532406	2.2332474	21	—	—
526413 2006 HE_{155}	17.4	X	72.15039	207.23558	43.49100	10.30839	0.1697901	0.21060004	2.7978886	21	9 26.3	21.4
526414 2006 JR_{4}	17.8	X	152.40183	183.33284	54.30677	7.88065	0.1195201	0.28977841	2.2616498	21	12 2.1	20.9
526415 2006 JM_{7}	17.6	X	219.29356	351.54963	204.93718	3.82813	0.0938515	0.23008695	2.6375947	21	12 15.4	21.2
526416 2006 JB_{13}	17.4	X	146.55534	54.04628	210.51622	12.83593	0.1307230	0.22607802	2.6686840	21	12 19.5	21.8
526417 2006 JC_{18}	17.4	X	136.82646	100.65041	197.47640	4.41547	0.1280048	0.22979487	2.6398292	21	—	—
526418 2006 JF_{20}	16.4	X	231.57011	228.61956	112.54987	10.51465	0.1277948	0.18929031	3.0041190	21	4 1.7	21.3
526419 2006 JB_{22}	17.3	X	149.57518	99.12345	154.69588	11.61502	0.3038331	0.22422996	2.6833272	21	12 10.1	22.5
526420 2006 JL_{24}	17.4	X	125.94193	267.66733	43.71294	10.24989	0.2154341	0.22948444	2.6422093	21	—	—
526421 2006 JT_{39}	16.0	X	243.40152	199.03398	98.60049	4.04947	0.1599527	0.18152397	3.0892049	21	2 15.8	20.9
526422 2006 JL_{50}	16.6	X	237.64718	323.09212	40.22740	10.37556	0.0718254	0.19771075	2.9182054	21	5 3.4	20.9
526423 2006 JS_{61}	16.8	X	278.63509	74.13667	216.23889	7.68470	0.1098324	0.19147023	2.9812739	21	3 14.4	21.3
526424 2006 JD_{63}	17.5	X	265.84167	254.24735	182.35205	2.03144	0.1846393	0.22840031	2.6505637	21	8 26.1	20.9
526425 2006 JK_{82}	18.4	X	259.08132	102.39372	41.25712	0.90035	0.1304879	0.29521181	2.2338134	21	12 7.4	20.6
526426 2006 JN_{82}	17.9	X	156.90998	48.78829	221.06939	4.31237	0.1405558	0.29628214	2.2284304	21	—	—
526427 2006 JO_{82}	16.7	X	353.38435	304.28999	76.27288	14.32677	0.1474448	0.21774827	2.7363160	21	11 15.5	19.7
526428 2006 KX_{11}	17.7	X	142.06884	139.99878	162.82700	12.50244	0.2972283	0.22960834	2.6412587	21	—	—
526429 2006 KU_{12}	17.6	X	162.12601	83.07162	158.35289	14.38514	0.1801741	0.22665343	2.6641654	21	12 7.7	22.3
526430 2006 KZ_{17}	17.8	X	155.92527	243.81353	70.10452	23.60180	0.0844225	0.36827115	1.9276326	21	—	—
526431 2006 KF_{21}	17.2	X	110.19035	152.99113	133.17592	13.72806	0.1409777	0.22431057	2.6826843	21	12 14.0	21.6
526432 2006 KG_{23}	17.1	X	117.91011	239.84924	58.06645	15.79012	0.3710984	0.22210143	2.7004438	21	—	—
526433 2006 KQ_{45}	18.6	X	188.86041	197.22111	86.44997	3.81774	0.1620584	0.30095065	2.2053246	21	—	—
526434 2006 KB_{47}	17.7	X	170.05892	118.25579	74.27068	10.09264	0.1606404	0.22021939	2.7158077	21	10 19.5	22.2
526435 2006 KY_{47}	16.7	X	239.31379	243.85163	67.00758	15.39525	0.1698670	0.18392159	3.0622989	21	3 5.1	21.9
526436 2006 KS_{52}	16.1	X	198.13225	70.52216	230.28774	24.59719	0.1758868	0.17377497	3.1803718	21	1 6.8	21.8
526437 2006 KQ_{61}	16.8	X	270.24569	66.68255	219.27672	14.81191	0.1218749	0.18536799	3.0463483	21	2 24.5	21.7
526438 2006 KB_{68}	17.3	X	225.59086	16.07781	158.37808	11.80317	0.1143707	0.22889272	2.6467610	21	11 24.9	21.2
526439 2006 KO_{74}	17.1	X	195.97327	74.42221	99.38805	13.32775	0.1828188	0.22199230	2.7013288	21	10 21.4	21.7
526440 2006 KZ_{74}	16.9	X	214.96551	11.24851	111.94244	26.46423	0.0933567	0.21423723	2.7661311	21	9 15.5	21.5
526441 2006 KE_{88}	17.9	X	60.38592	150.77965	73.19908	5.64846	0.1381217	0.26952750	2.3735624	21	7 31.3	20.6
526442 2006 KU_{91}	17.0	X	26.58162	284.15922	83.29258	7.30375	0.0261322	0.22403703	2.6848674	21	12 3.1	20.4
526443 2006 KH_{111}	16.6	X	208.51731	204.15936	273.39018	3.18375	0.0158726	0.21176059	2.7876567	21	8 28.8	20.5
526444 2006 KC_{122}	17.1	X	144.90526	221.41542	350.45167	10.27029	0.2976722	0.22010381	2.7167583	21	10 15.4	22.1
526445 2006 KH_{123}	15.8	X	257.64480	9.23259	261.39704	15.60193	0.1512501	0.17424712	3.1746241	21	1 24.7	21.1
526446 2006 KE_{146}	16.6	X	50.31488	199.09667	164.82870	11.87765	0.1501702	0.21227296	2.7831691	21	—	—
526447 2006 MM_{10}	15.7	X	298.07895	0.55015	276.63861	10.27718	0.0932542	0.18361045	3.0657574	21	3 21.3	20.2
526448 2006 OM_{6}	17.0	X	110.81610	88.67994	122.16278	15.86296	0.1052383	0.20364161	2.8612669	21	9 10.9	21.4
526449 2006 OH_{15}	18.9	X	84.12151	76.91201	122.91256	37.01697	0.2947367	0.52998444	1.5122629	21	9 11.0	21.2
526450 2006 OY_{21}	17.7	X	223.63756	39.13113	354.18974	13.12144	0.3346702	0.24285460	2.5443205	21	5 5.3	22.7
526451 2006 OK_{38}	16.6	X	136.83026	260.72795	322.51382	20.98695	0.3933432	0.21281216	2.7784660	21	10 17.2	22.4
526452 2006 PE_{14}	17.1	X	327.18224	343.60304	351.87894	16.80145	0.2378712	0.26031716	2.4292237	21	7 11.4	19.6
526453 2006 PO_{19}	17.6	X	317.87858	48.29184	310.08617	1.58571	0.2222362	0.26088175	2.4257177	21	7 25.5	19.3
526454 2006 PH_{22}	17.6	X	344.36594	51.44346	295.49569	5.12447	0.2043846	0.26461288	2.4028614	21	9 11.9	19.4
526455 2006 QJ_{5}	16.2	X	203.49700	246.94807	176.77655	7.27919	0.1665116	0.18250851	3.0780853	21	6 8.8	21.3
526456 2006 QO_{37}	17.3	X	329.92592	230.00708	132.37339	15.52342	0.2787053	0.26308783	2.4121383	21	8 29.0	18.6
526457 2006 QY_{39}	17.5	X	324.75203	33.06104	313.89723	10.56189	0.3000577	0.25871547	2.4392395	21	7 9.5	19.3
526458 2006 QR_{49}	18.0	X	320.14591	126.15401	249.60490	4.10610	0.2446370	0.26245871	2.4159914	21	8 23.5	19.9
526459 2006 QV_{84}	16.9	X	105.86802	131.97847	150.18568	5.57573	0.1410197	0.21122501	2.7923669	21	12 2.5	21.3
526460 2006 QY_{89}	16.4	X	204.76911	254.26363	155.50606	22.15977	0.3649647	0.17517262	3.1634324	21	5 23.8	22.7
526461 2006 QR_{95}	16.0	X	249.21267	321.73788	342.26568	27.46250	0.1263289	0.17347694	3.1840134	21	3 2.8	20.9
526462 2006 QG_{121}	16.1	X	257.52922	158.89461	189.06124	9.27180	0.1397549	0.18189057	3.0850528	21	5 2.0	20.8
526463 2006 QU_{121}	18.0	X	60.67631	31.24815	329.75537	15.01085	0.1182301	0.34646047	2.0077066	21	—	—
526464 2006 QX_{129}	17.3	X	82.37052	99.94068	221.71044	7.31799	0.3062044	0.21305439	2.7763596	21	—	—
526465 2006 QC_{135}	17.8	X	98.81747	352.54772	346.22391	5.69668	0.1840552	0.28308902	2.2971395	21	—	—
526466 2006 QW_{149}	16.4	X	272.28534	89.83007	219.53956	14.52447	0.2210379	0.18119662	3.0929245	21	3 17.6	21.4
526467 2006 QJ_{151}	16.8	X	59.61666	331.37922	329.18660	9.39988	0.1258700	0.20513388	2.8473736	21	10 28.4	20.9
526468 2006 QP_{154}	17.7	X	2.16031	344.84695	345.44231	5.35812	0.2566960	0.26406426	2.4061884	21	10 8.1	19.3
526469 2006 QQ_{154}	16.1	X	184.34255	40.86956	315.65523	25.97508	0.1600242	0.17135944	3.2101897	21	2 24.8	21.6
526470 2006 QX_{168}	16.0	X	223.42754	291.35090	21.30869	13.54955	0.2659806	0.17074889	3.2178376	21	2 18.6	21.8
526471 2006 QU_{185}	17.5	X	93.93995	120.49029	174.82937	7.19979	0.1979603	0.20965353	2.8063032	21	12 10.8	22.1
526472 2006 QB_{188}	16.8	X	201.23804	284.20133	170.32031	26.96158	0.1866588	0.18540411	3.0459526	21	7 12.1	22.3
526473 2006 QE_{188}	16.8	X	281.35777	32.09790	353.30911	11.28472	0.0632466	0.18925907	3.0044496	21	7 30.5	21.0
526474 2006 QH_{188}	18.2	X	144.26508	264.27671	327.17257	4.14033	0.1824817	0.27610368	2.3357226	21	11 13.1	21.9
526475 2006 QJ_{188}	18.2	X	206.38019	102.31918	168.64056	2.62097	0.1534447	0.29346187	2.2426849	21	—	—
526476 2006 QL_{188}	16.9	X	356.60605	107.83478	270.22767	0.93036	0.0781776	0.20339210	2.8636065	21	11 5.8	20.4
526477 2006 QO_{188}	16.2	X	273.96475	11.04362	355.00707	10.39575	0.0665286	0.18479072	3.0526894	21	6 21.4	20.7
526478 2006 RM_{2}	18.5	X	159.70658	103.79558	209.71258	8.80151	0.2133649	0.29310184	2.2445210	21	—	—
526479 2006 RL_{13}	15.8	X	351.84253	356.74164	243.20830	9.66879	0.0204980	0.18138662	3.0907643	21	4 27.9	20.0
526480 2006 RB_{14}	16.6	X	273.67039	62.69042	240.60009	7.52655	0.0927410	0.17905350	3.1175554	21	3 27.7	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526481 2006 RF_{14}	16.4	X	224.97397	145.79744	174.65478	28.03776	0.2280771	0.17350180	3.1837092	21	2 21.9	22.1
526482 2006 RE_{18}	15.0	X	331.44439	335.31978	10.42062	10.69339	0.2933936	0.12533851	3.9543919	21	7 23.6	19.4
526483 2006 RB_{22}	17.4	X	144.47190	148.35781	198.94626	24.62507	0.2364331	0.28946844	2.2632641	21	1 2.3	21.1
526484 2006 RG_{30}	16.6	X	252.58926	61.33171	236.59230	7.77805	0.1522765	0.17444452	3.1722287	21	2 21.3	21.8
526485 2006 RH_{42}	18.5	X	261.37697	50.98520	9.78380	9.05519	0.2125214	0.25464401	2.4651711	21	7 31.1	22.0
526486 2006 RU_{72}	17.5	X	77.18529	98.01657	181.05416	10.35717	0.1334133	0.20144439	2.8820351	21	10 29.2	21.7
526487 2006 RL_{84}	16.7	X	230.34247	55.91087	5.86661	15.96233	0.2302696	0.18213463	3.0822961	21	6 26.3	22.1
526488 2006 RN_{91}	17.1	X	31.44936	342.35306	10.18066	12.90975	0.1222589	0.20292676	2.8679825	21	11 25.8	21.0
526489 2006 RC_{92}	17.9	X	257.82655	6.72501	354.41559	2.47769	0.1737056	0.24684125	2.5168513	21	5 8.9	21.6
526490 2006 RM_{98}	16.4	X	126.81191	272.80691	17.44990	25.70229	0.3379658	0.21723823	2.7405972	21	—	—
526491 2006 RW_{101}	15.8	X	229.46055	299.16065	7.45192	26.60100	0.2856189	0.17100854	3.2145795	21	2 21.6	21.8
526492 2006 RQ_{109}	18.3	X	194.24794	240.08425	11.32696	3.93958	0.1666235	0.28401360	2.2921513	21	—	—
526493 2006 RK_{121}	18.0	X	215.50869	194.89383	211.29815	6.00497	0.1329419	0.24425347	2.5345968	21	5 28.5	21.8
526494 2006 RC_{123}	16.9	X	271.10352	1.31905	26.82722	7.90269	0.1112033	0.18584725	3.0411088	21	7 11.0	21.3
526495 2006 SL_{2}	17.5	X	262.73483	40.45172	287.19068	12.61107	0.1792408	0.24495814	2.5297337	21	3 25.1	21.8
526496 2006 SA_{3}	16.1	X	256.99954	54.12828	287.79283	17.34665	0.1981068	0.17912498	3.1167259	21	4 8.8	21.4
526497 2006 SU_{25}	17.5	X	112.87308	135.55954	171.51125	10.33958	0.2901664	0.21611224	2.7501083	21	—	—
526498 2006 SU_{26}	17.7	X	302.87439	234.79899	162.70673	5.37152	0.2322680	0.26057245	2.4276368	21	8 23.3	20.1
526499 2006 SJ_{30}	17.6	X	302.51547	310.87522	302.58863	7.25534	0.2014119	0.24423062	2.5347549	21	2 5.6	21.0
526500 2006 SO_{45}	16.1	X	313.22056	265.63626	90.11739	10.65851	0.0860766	0.19140539	2.9819472	21	7 31.4	20.0
526501 2006 SG_{50}	18.0	X	111.84102	51.29948	276.42800	1.89226	0.2093370	0.28357053	2.2945384	21	—	—
526502 2006 SL_{58}	17.5	X	27.82991	11.22832	238.12191	5.77273	0.1021503	0.25709093	2.4495044	21	7 4.8	20.2
526503 2006 ST_{58}	16.6	X	255.09545	66.93455	266.86551	9.95489	0.1314725	0.17964147	3.1107491	21	4 7.6	21.5
526504 2006 SK_{67}	16.3	X	311.61956	150.23035	183.41933	10.50646	0.0796373	0.18600849	3.0393511	21	6 27.8	20.5
526505 2006 SF_{68}	17.4	X	311.51929	317.92638	9.28506	15.11000	0.1676031	0.25283440	2.4769198	21	5 30.3	20.6
526506 2006 SG_{72}	17.5	X	165.19744	195.40205	153.76492	1.97092	0.1239534	0.22602196	2.6691253	21	1 28.5	21.4
526507 2006 SS_{90}	16.9	X	263.95708	218.51653	208.01734	5.58570	0.0636799	0.18888596	3.0084048	21	8 24.3	21.1
526508 2006 SN_{98}	18.6	X	106.35493	318.12652	13.46921	5.45142	0.1558702	0.28034916	2.3120819	21	—	—
526509 2006 SP_{100}	16.5	X	264.58781	287.39760	5.34273	9.59459	0.0241114	0.16978306	3.2300294	21	3 17.7	21.0
526510 2006 SG_{102}	18.4	X	254.69817	249.98079	196.65573	1.98760	0.1906841	0.25763333	2.4460651	21	8 26.5	21.6
526511 2006 SD_{106}	17.5	X	2.56069	14.24224	12.72094	18.54651	0.0378666	0.26978020	2.3720800	21	12 1.2	20.8
526512 2006 SV_{109}	17.7	X	210.18972	110.46051	238.54477	1.51499	0.1595035	0.23773279	2.5807345	21	3 10.9	21.8
526513 2006 SS_{124}	16.5	X	258.49949	56.85813	304.23796	8.81865	0.1340138	0.18228699	3.0805784	21	5 16.2	21.2
526514 2006 SG_{127}	15.6	X	220.97030	289.75727	33.82666	26.15275	0.2229226	0.16964738	3.2317514	21	3 10.8	21.5
526515 2006 SM_{129}	16.2	X	241.22122	193.46304	200.15869	4.68857	0.1482688	0.18143815	3.0901790	21	6 8.4	21.0
526516 2006 ST_{139}	16.6	X	226.28059	122.08347	193.68902	26.13461	0.2476200	0.17167621	3.2062395	21	2 14.9	22.6
526517 2006 SY_{139}	16.4	X	233.20447	82.57768	249.60873	10.55807	0.2474441	0.17492975	3.1663598	21	3 9.2	22.0
526518 2006 SZ_{139}	17.8	X	235.55765	136.17521	230.24386	9.53681	0.2426159	0.24493083	2.5299217	21	4 19.0	22.1
526519 2006 SU_{142}	16.9	X	188.02400	255.71829	183.90765	9.83475	0.2167261	0.17725241	3.1386384	21	6 13.9	22.4
526520 2006 SV_{143}	17.0	X	183.03896	218.02729	231.41660	2.85435	0.2215461	0.17684174	3.1434957	21	6 21.3	22.4
526521 2006 SO_{150}	18.3	X	167.17188	84.01567	194.44579	1.90076	0.2002409	0.28382564	2.2931632	21	—	—
526522 2006 SO_{152}	17.2	X	249.31620	245.61427	204.19056	8.63186	0.1439699	0.18947371	3.0021801	21	8 24.2	21.7
526523 2006 SJ_{158}	16.2	X	191.46534	227.46963	178.78530	9.63885	0.0959185	0.17544613	3.1601439	21	5 9.9	21.2
526524 2006 SB_{159}	17.4	X	114.69596	280.72600	10.70636	7.40217	0.2091552	0.21211991	2.7845077	21	12 23.9	22.2
526525 2006 SL_{162}	17.9	X	197.53135	352.45567	34.59299	3.80624	0.1357057	0.23776419	2.5805072	21	4 16.3	21.7
526526 2006 SX_{166}	18.0	X	301.62461	127.75161	215.95192	5.19692	0.1159423	0.25298795	2.4759174	21	6 20.5	20.9
526527 2006 SM_{175}	18.1	X	67.51607	40.40312	323.22537	1.41020	0.1348527	0.28074223	2.3099232	21	—	—
526528 2006 SD_{182}	18.7	X	176.22787	106.21227	193.95528	9.56526	0.2175287	0.29031357	2.2588696	21	—	—
526529 2006 SO_{184}	16.9	X	197.05240	273.71811	191.62855	8.65479	0.1008501	0.18366360	3.0651660	21	7 23.6	21.8
526530 2006 ST_{186}	16.4	X	288.20681	302.40488	28.03377	0.78241	0.1466111	0.17830976	3.1262184	21	5 13.1	20.8
526531 2006 SX_{194}	16.5	X	283.39018	319.12769	336.66207	1.00628	0.0157241	0.17377191	3.1804091	21	4 12.6	21.0
526532 2006 SB_{202}	16.6	X	197.60734	125.99658	346.49297	9.90168	0.1195823	0.18753588	3.0228259	21	8 5.9	21.4
526533 2006 SU_{213}	17.8	X	114.55189	26.89491	289.68776	6.01566	0.1962078	0.28250329	2.3003136	21	—	—
526534 2006 SB_{224}	16.1	X	182.47325	164.42188	206.07281	15.29778	0.2704659	0.16561551	3.2839917	21	3 20.1	22.0
526535 2006 SF_{239}	18.1	X	337.95297	313.06632	30.73361	2.90357	0.2252889	0.26006555	2.4307903	21	8 22.9	19.7
526536 2006 SR_{246}	17.2	X	255.64928	348.73208	15.89698	4.56876	0.1258707	0.18150432	3.0894280	21	5 19.7	21.8
526537 2006 SK_{248}	17.7	X	356.95963	20.88510	23.10390	8.96843	0.1556576	0.27123457	2.3635930	21	—	—
526538 2006 SK_{254}	17.6	X	58.81537	169.24229	143.97272	0.79939	0.1327701	0.20283134	2.8688819	21	11 17.3	21.5
526539 2006 SW_{257}	17.8	X	325.63124	2.12604	9.48852	6.60267	0.1974205	0.25990490	2.4317919	21	9 10.2	19.7
526540 2006 SJ_{261}	18.0	X	95.51544	332.79577	5.28465	6.65204	0.1883045	0.28018787	2.3129691	21	—	—
526541 2006 SO_{263}	18.2	X	310.80192	215.56935	226.22837	10.02438	0.1700620	0.26624577	2.3930269	21	11 30.7	20.2
526542 2006 SX_{263}	16.2	X	249.99186	136.59074	239.74905	10.02893	0.1249405	0.17891701	3.1191407	21	5 29.5	20.8
526543 2006 SH_{271}	17.5	X	217.42509	312.60885	116.48708	2.02567	0.1627903	0.18210746	3.0826027	21	6 27.5	22.4
526544 2006 SQ_{281}	16.6	X	228.63770	222.50882	162.12716	11.51188	0.2607222	0.17848386	3.1241851	21	5 12.1	22.1
526545 2006 SY_{296}	18.4	X	70.67567	237.22678	191.07938	21.66658	0.1019628	0.35607742	1.9713925	21	—	—
526546 2006 SR_{297}	18.0	X	245.67509	191.86683	187.91990	3.53518	0.1121528	0.24772517	2.5108607	21	5 28.1	21.5
526547 2006 SY_{297}	17.2	X	166.33484	73.14701	192.35451	23.11947	0.2219821	0.28176466	2.3043319	21	—	—
526548 2006 SM_{298}	18.1	X	286.94833	23.75809	20.60314	1.50057	0.1764072	0.25634199	2.4542731	21	8 15.9	20.7
526549 2006 SE_{308}	18.5	X	263.12465	140.98285	210.08576	6.60763	0.2629281	0.24688217	2.5165732	21	4 23.2	22.6
526550 2006 SF_{313}	16.9	X	174.68781	70.51799	28.48251	10.76948	0.0720584	0.17958164	3.1114400	21	6 24.0	21.8
526551 2006 SQ_{313}	16.8	X	155.68997	244.72284	186.44340	8.79982	0.0839994	0.17109242	3.2135288	21	5 2.9	21.7
526552 2006 SK_{326}	17.0	X	47.20656	154.69096	179.94153	5.13649	0.1212125	0.20206553	2.8761259	21	11 28.4	20.9
526553 2006 SR_{329}	16.4	X	179.14051	62.00463	26.59027	15.58690	0.2161104	0.17524871	3.1625167	21	6 15.4	22.0
526554 2006 SL_{330}	16.1	X	232.15123	53.41765	314.07927	13.49069	0.1566634	0.18074147	3.0981149	21	4 21.4	21.4
526555 2006 SD_{333}	16.6	X	225.78705	308.00609	34.20147	5.56824	0.1330930	0.17142664	3.2093507	21	3 26.5	21.8
526556 2006 SV_{346}	17.7	X	209.48047	205.90387	194.80362	4.71243	0.2674294	0.23946457	2.5682771	21	5 12.1	22.3
526557 2006 SG_{347}	16.9	X	181.64903	166.16620	218.29923	3.08762	0.1348931	0.16783185	3.2550160	21	4 3.0	22.2
526558 2006 SS_{347}	18.5	X	240.07284	353.27442	14.79676	9.45653	0.2611401	0.24400107	2.5363444	21	4 23.2	22.9
526559 2006 SW_{349}	16.3	X	275.55513	156.31645	210.29669	11.33547	0.0439703	0.18486598	3.0518607	21	6 26.4	20.7
526560 2006 SP_{364}	17.5	X	241.90290	14.69088	25.18606	5.49969	0.1897060	0.24457613	2.5323672	21	6 10.6	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526561 2006 SS_{376}	16.8	X	208.50745	270.37382	101.84403	8.15428	0.1454718	0.17143185	3.2092857	21	4 16.8	22.1
526562 2006 SE_{382}	17.6	X	226.93439	77.32653	69.05953	10.77446	0.1908232	0.26199306	2.4188532	21	10 18.7	21.2
526563 2006 SY_{398}	16.7	X	147.23688	285.92467	193.41563	22.60138	0.2848999	0.17446421	3.1719901	21	6 29.6	22.7
526564 2006 SZ_{398}	16.0	X	222.86885	29.94428	352.37213	19.67974	0.2468160	0.17517061	3.1634566	21	4 24.6	21.8
526565 2006 SF_{400}	19.7	X	240.21710	64.85838	9.47181	2.65447	0.4132619	0.24933234	2.5000593	21	7 5.9	24.2
526566 2006 SG_{404}	18.2	X	243.16772	342.15370	356.34652	3.08168	0.2481089	0.23951559	2.5679123	21	3 23.4	22.6
526567 2006 SZ_{404}	18.0	X	250.71108	108.70607	243.29601	5.47491	0.2851583	0.24120629	2.5558987	21	4 10.8	22.4
526568 2006 SN_{405}	16.3	X	172.66127	210.72360	183.34054	17.84985	0.1432984	0.17089184	3.2160429	21	4 8.0	21.4
526569 2006 SS_{415}	17.5	X	131.96721	90.94652	47.17044	14.57900	0.1103413	0.24147494	2.5540026	21	6 28.9	21.4
526570 2006 SA_{416}	15.9	X	241.22754	4.52423	275.48409	9.26035	0.0855740	0.16905266	3.2393264	21	1 27.7	20.9
526571 2006 SG_{416}	18.4	X	240.22413	97.05385	2.91724	2.40856	0.1500789	0.25653939	2.4530139	21	9 2.8	21.9
526572 2006 SC_{422}	17.6	X	72.51252	304.74639	358.82284	7.35728	0.1280480	0.27056737	2.3674770	21	11 29.7	21.0
526573 2006 SF_{422}	16.9	X	290.02163	217.36041	137.87345	1.91178	0.1141370	0.18167964	3.0874401	21	6 21.3	21.1
526574 2006 SM_{422}	15.9	X	236.28288	52.88054	334.68995	12.37392	0.1160867	0.17785502	3.1315448	21	5 26.9	20.9
526575 2006 SP_{422}	16.8	X	238.95179	74.98819	328.36994	6.75363	0.2317528	0.18278461	3.0749848	21	6 10.2	21.9
526576 2006 SS_{422}	16.3	X	318.53091	135.18055	211.82628	10.85543	0.0367376	0.18841812	3.0133826	21	7 27.7	20.6
526577 2006 SW_{422}	15.7	X	302.30082	47.79292	271.64589	19.78150	0.0986196	0.18224018	3.0811059	21	5 24.2	20.1
526578 2006 SB_{423}	18.4	X	303.68083	41.52535	358.75493	0.72066	0.1965322	0.26024721	2.4296590	21	9 5.4	20.4
526579 2006 SG_{423}	17.6	X	30.64008	335.60307	357.08611	7.10886	0.1200938	0.26999935	2.3707963	21	11 12.5	20.4
526580 2006 SK_{423}	17.5	X	185.63560	223.07748	207.11593	16.94744	0.0760680	0.24168998	2.5524875	21	5 29.4	21.4
526581 2006 SV_{423}	17.4	X	237.67691	250.99018	184.80307	5.97984	0.2384422	0.18587458	3.0408107	21	7 17.3	22.4
526582 2006 SB_{424}	17.9	X	89.28760	216.97766	163.30985	2.23173	0.2239674	0.28117645	2.3075445	21	—	—
526583 2006 SC_{424}	17.6	X	318.16052	263.57050	106.22129	2.58854	0.1928307	0.25473499	2.4645841	21	8 19.2	19.7
526584 2006 SJ_{424}	16.7	X	181.59519	45.25133	92.48146	2.33220	0.0920899	0.18396392	3.0618291	21	8 19.9	21.4
526585 2006 SL_{424}	18.5	X	146.60173	116.13764	193.21961	4.43559	0.2144352	0.28364836	2.2941186	21	—	—
526586 2006 SU_{424}	16.5	X	248.00420	232.67966	143.50525	16.50145	0.3264361	0.18028501	3.1033420	21	5 14.4	22.2
526587 2006 TB	20.1	X	207.65374	180.95595	169.31393	27.56843	0.3245603	0.50487904	1.5619885	21	2 13.4	22.5
526588 2006 TQ_{3}	16.5	X	301.61638	169.26895	188.68820	9.50086	0.1117379	0.18497587	3.0506519	21	7 10.2	20.7
526589 2006 TB_{4}	18.3	X	277.41156	261.31961	142.78396	2.84775	0.1973044	0.25367037	2.4714750	21	7 27.4	21.3
526590 2006 TF_{9}	17.3	X	124.38161	117.33792	203.40509	3.97689	0.2092142	0.28149086	2.3058259	21	—	—
526591 2006 TL_{13}	17.3	X	309.92762	24.71368	24.69214	11.63849	0.2501221	0.26139418	2.4225464	21	9 29.4	19.1
526592 2006 TY_{14}	16.6	X	175.08927	28.15925	15.35973	14.96128	0.1418176	0.16945652	3.2341776	21	4 17.9	21.8
526593 2006 TE_{15}	17.7	X	138.86220	289.81169	10.49236	6.55928	0.2111740	0.28252343	2.3002043	21	—	—
526594 2006 TR_{17}	18.0	X	306.39394	347.66129	42.90743	5.83326	0.2481499	0.25798692	2.4438296	21	8 20.4	20.3
526595 2006 TK_{24}	16.7	X	332.77429	171.84673	217.69188	10.19516	0.1374584	0.19570796	2.9380807	21	10 11.2	20.1
526596 2006 TX_{27}	17.8	X	193.21749	248.53810	205.43437	4.28171	0.2247250	0.24409162	2.5357171	21	7 4.1	22.2
526597 2006 TG_{34}	16.4	X	199.69084	28.15524	6.98320	27.87504	0.1940726	0.17323150	3.1870201	21	4 21.2	22.1
526598 2006 TQ_{34}	18.4	X	234.65317	79.99533	318.47042	1.69118	0.1962127	0.24519259	2.5281208	21	6 1.5	22.4
526599 2006 TT_{35}	18.2	X	84.87273	313.12746	25.91568	7.83915	0.1459999	0.27554482	2.3388797	21	—	—
526600 2006 TN_{44}	15.6	X	283.47502	281.77759	45.58919	26.43500	0.1571282	0.17552640	3.1591804	21	5 3.4	20.2
526601 2006 TD_{47}	17.9	X	283.34069	293.19954	53.87818	3.85091	0.1280875	0.24598335	2.5226998	21	5 27.5	21.0
526602 2006 TC_{53}	17.4	X	349.63168	284.25442	57.79073	8.45770	0.1531078	0.25707230	2.4496227	21	9 22.5	19.7
526603 2006 TU_{79}	17.9	X	244.82123	0.73387	0.71163	7.04103	0.2705507	0.24344985	2.5401715	21	4 18.2	22.2
526604 2006 TT_{82}	16.7	X	154.18727	252.75611	228.32098	14.92438	0.2684911	0.17268554	3.1937339	21	7 5.5	22.5
526605 2006 TD_{83}	17.9	X	231.75681	147.51639	218.64674	18.66561	0.3052173	0.24191483	2.5509056	21	4 13.0	22.6
526606 2006 TR_{84}	16.7	X	196.03142	74.71364	12.88964	9.56059	0.0690738	0.17814635	3.1281298	21	7 4.5	21.6
526607 2006 TM_{85}	17.9	X	295.28492	128.00484	283.31195	3.11167	0.0760199	0.25794741	2.4440792	21	9 22.3	20.8
526608 2006 TS_{87}	16.6	X	192.13168	229.86580	234.25130	10.50328	0.0637877	0.17972069	3.1098348	21	7 17.3	21.4
526609 2006 TC_{92}	18.0	X	226.17782	73.19475	317.86069	1.51733	0.2100357	0.24225374	2.5485259	21	5 14.3	22.3
526610 2006 TD_{96}	17.1	X	264.19062	87.30913	232.16470	15.18609	0.2753046	0.24254901	2.5464572	21	3 9.9	21.7
526611 2006 TB_{98}	17.1	X	235.58304	170.85623	227.79820	1.57498	0.1702925	0.17946525	3.1127851	21	6 6.9	21.9
526612 2006 TR_{98}	18.1	X	274.85800	167.84312	186.63578	2.55308	0.1781397	0.24775153	2.5106826	21	5 20.0	21.5
526613 2006 TR_{99}	17.1	X	29.71209	138.35997	203.21457	10.17432	0.1562853	0.20014136	2.8945307	21	11 18.5	20.8
526614 2006 TF_{100}	18.3	X	211.62412	175.32368	237.37497	4.51649	0.2427986	0.24283872	2.5444315	21	5 28.4	22.6
526615 2006 TJ_{101}	16.4	X	359.46278	59.05198	242.88527	3.81446	0.1073321	0.18539518	3.0460504	21	7 29.1	20.0
526616 2006 TP_{101}	17.4	X	129.50673	81.94076	231.62437	6.76380	0.1463031	0.27993062	2.3143859	21	—	—
526617 2006 TU_{102}	15.4	X	341.14516	121.86029	219.90830	14.28428	0.3193630	0.12484774	3.9647481	21	7 29.8	19.6
526618 2006 TS_{104}	17.9	X	235.25752	247.62743	139.10575	2.03278	0.1474521	0.24361939	2.5389928	21	5 22.6	21.8
526619 2006 TM_{105}	16.8	X	269.05639	222.20788	199.69684	7.21610	0.0418882	0.18767714	3.0213089	21	8 27.9	21.0
526620 2006 TD_{122}	16.8	X	21.41758	104.89239	230.63407	9.56881	0.1530094	0.19506471	2.9445363	21	10 25.3	20.3
526621 2006 TT_{127}	18.2	X	240.24495	212.11836	172.40703	1.48034	0.1886718	0.24433509	2.5340324	21	5 21.2	22.1
526622 2006 TW_{128}	16.9	X	213.94409	344.02408	48.11597	8.84437	0.1415028	0.17430219	3.1739554	21	5 11.4	22.0
526623 2006 TB_{132}	16.7	X	216.75641	135.41244	258.28144	15.01389	0.2369229	0.17469902	3.1691472	21	5 10.7	22.2
526624 2006 TH_{132}	17.0	X	208.36622	302.01120	130.33691	3.74630	0.1006118	0.17754709	3.1351646	21	6 26.1	21.7
526625 2006 TT_{132}	17.5	X	172.51297	51.67537	249.87849	5.27482	0.1464494	0.28856470	2.2679871	21	—	—
526626 2006 TJ_{133}	16.0	X	336.67328	271.99369	14.51882	15.83748	0.0662049	0.17809523	3.1287284	21	5 31.5	20.4
526627 2006 TK_{133}	16.5	X	222.90723	52.68029	9.00658	11.66859	0.1044219	0.17960277	3.1111960	21	6 28.5	21.4
526628 2006 TP_{133}	17.2	X	13.24570	5.91372	234.34432	16.15047	0.0775803	0.24126149	2.5555088	21	5 25.9	20.1
526629 2006 UF_{11}	18.0	X	230.61570	350.24573	37.31509	11.13939	0.1337203	0.24342413	2.5403505	21	5 17.6	21.8
526630 2006 UK_{12}	18.1	X	256.00234	181.40021	188.31716	5.34526	0.1981563	0.24570828	2.5245822	21	5 17.5	21.9
526631 2006 UW_{17}	18.1	X	307.47590	5.32598	6.53155	2.41618	0.2000476	0.25596958	2.4566530	21	7 29.9	20.5
526632 2006 UE_{19}	17.2	X	234.23503	236.33668	222.24710	9.38238	0.1323970	0.18715272	3.0269503	21	8 18.8	22.0
526633 2006 UG_{36}	17.0	X	268.22593	222.88578	222.92054	14.48039	0.0835059	0.19115570	2.9845433	21	9 18.5	21.4
526634 2006 UV_{36}	16.3	X	131.38737	150.28370	34.82396	10.85275	0.0368894	0.18431634	3.0579249	21	8 26.3	20.9
526635 2006 UA_{44}	17.8	X	253.22679	201.13405	189.16444	1.35103	0.0702698	0.24672190	2.5176629	21	6 25.4	21.0
526636 2006 UA_{49}	16.0	X	283.59952	63.15179	332.17434	8.72360	0.0715921	0.19107772	2.9853552	21	8 11.9	20.1
526637 2006 UA_{50}	18.1	X	233.14949	46.10709	352.78038	6.02236	0.1603699	0.24605837	2.5221870	21	6 2.5	22.1
526638 2006 US_{50}	17.0	X	195.53155	186.55941	309.19568	4.01235	0.1194851	0.18694673	3.0291734	21	8 28.9	21.7
526639 2006 UN_{51}	18.0	X	120.30198	138.89868	192.00535	5.34405	0.1813683	0.28263024	2.2996247	21	—	—
526640 2006 UF_{55}	17.5	X	256.96554	134.20366	240.88487	6.47035	0.2298743	0.24624406	2.5209189	21	5 21.0	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526641 2006 UN_{57}	16.6	X	305.84996	300.40114	40.74088	10.20303	0.0860390	0.18254671	3.0776558	21	6 29.2	20.8
526642 2006 UK_{66}	17.7	X	234.56110	17.91228	349.61570	0.68762	0.2314593	0.24245058	2.5471463	21	4 21.3	22.0
526643 2006 UF_{72}	17.9	X	113.59209	37.38100	295.43932	5.48031	0.1217900	0.28361085	2.2943209	21	—	—
526644 2006 UT_{72}	17.1	X	20.21293	100.02372	251.81474	6.56012	0.1625690	0.19979411	2.8978836	21	11 16.6	20.5
526645 2006 UP_{74}	17.9	X	254.59443	39.91238	279.22132	3.45190	0.2877826	0.24061293	2.5600989	21	3 5.4	22.5
526646 2006 UQ_{81}	17.6	X	220.22646	345.96374	60.69315	4.31769	0.2279409	0.24298335	2.5434217	21	5 28.3	21.8
526647 2006 UB_{86}	15.9	X	22.52712	303.10566	226.23756	25.82124	0.1081205	0.15978111	3.3634561	21	3 8.5	20.6
526648 2006 UW_{89}	15.2	X	333.93770	331.98628	23.79736	4.63680	0.2920985	0.12272216	4.0103972	21	8 10.1	19.4
526649 2006 UZ_{95}	16.5	X	254.46196	320.17771	48.06176	15.98274	0.0697606	0.17717671	3.1395323	21	5 28.7	21.1
526650 2006 UC_{97}	18.1	X	218.00482	238.23006	175.30783	3.05213	0.2300838	0.24417857	2.5351151	21	6 4.5	22.5
526651 2006 UN_{100}	17.8	X	318.37430	198.38224	140.27615	4.32925	0.1434313	0.25174250	2.4840768	21	7 7.2	20.3
526652 2006 UR_{107}	17.8	X	326.80220	188.79184	163.31138	3.07016	0.1888549	0.25521709	2.4614794	21	8 8.8	19.8
526653 2006 UH_{110}	16.1	X	199.69758	85.45099	328.78508	9.65521	0.0330636	0.18004479	3.1061017	21	5 25.4	20.8
526654 2006 UM_{110}	17.2	X	106.18030	63.59678	221.29115	8.45692	0.2041303	0.21007584	2.8025410	21	12 9.1	21.9
526655 2006 UK_{118}	16.5	X	258.67580	283.72107	32.65523	10.58996	0.0879916	0.17032020	3.2232348	21	4 2.5	21.3
526656 2006 UN_{121}	18.0	X	189.00331	263.67838	200.76075	12.37852	0.1988384	0.24601058	2.5225137	21	7 12.4	22.5
526657 2006 UN_{130}	18.3	X	243.18907	215.88085	229.53224	1.83642	0.2177140	0.25216077	2.4813291	21	8 7.8	22.0
526658 2006 UJ_{131}	17.0	X	233.29016	80.91143	18.98695	5.35028	0.1623850	0.18536850	3.0463427	21	8 22.1	21.8
526659 2006 UZ_{147}	16.8	X	267.99897	336.85133	53.68990	2.30601	0.1767796	0.18715015	3.0269780	21	6 29.9	21.2
526660 2006 UU_{157}	18.9	X	252.58585	327.80887	44.57037	5.04327	0.2592821	0.24674180	2.5175276	21	5 10.6	23.0
526661 2006 UD_{168}	18.2	X	270.52782	0.05003	80.36165	3.13516	0.1598624	0.25826798	2.4420563	21	9 15.8	21.0
526662 2006 UB_{169}	16.7	X	75.90849	210.10908	118.65641	3.19288	0.0643307	0.20474217	2.8510042	21	12 17.4	20.7
526663 2006 UJ_{187}	17.7	X	243.92096	79.14326	298.45359	9.00568	0.2836209	0.24613702	2.5216497	21	5 5.2	22.3
526664 2006 UP_{193}	16.4	X	342.60998	294.71234	32.24976	17.00901	0.0745836	0.18653366	3.0336437	21	8 14.9	20.6
526665 2006 US_{194}	16.6	X	344.65457	270.08718	36.48910	11.29326	0.0738623	0.18334441	3.0687224	21	7 14.9	20.7
526666 2006 UM_{201}	18.8	X	217.94536	355.91951	54.38632	1.22905	0.2294019	0.24236555	2.5477420	21	5 30.9	23.1
526667 2006 UY_{204}	16.6	X	279.73480	202.14847	188.21610	8.99156	0.1082888	0.18961209	3.0007193	21	7 22.4	20.9
526668 2006 UP_{206}	17.7	X	255.99518	143.97063	36.05792	4.93103	0.0682027	0.27584366	2.3371901	21	—	—
526669 2006 UD_{211}	17.8	X	255.29671	13.16404	323.31988	2.14898	0.2362276	0.24027728	2.5624825	21	3 30.9	22.0
526670 2006 UL_{217}	20.8	X	229.59894	310.09823	45.18805	9.92270	0.3486697	0.57625982	1.4301793	21	3 11.1	22.7
526671 2006 UF_{235}	16.0	X	278.67568	359.87595	342.80010	8.71184	0.0911767	0.18273703	3.0755185	21	5 22.2	20.5
526672 2006 UY_{238}	18.2	X	253.74280	142.71641	313.07889	1.77669	0.1818023	0.25625004	2.4548601	21	9 8.1	21.5
526673 2006 UC_{258}	17.0	X	234.95912	6.92385	26.44208	10.39635	0.1435045	0.17835406	3.1257007	21	5 31.0	22.0
526674 2006 UU_{271}	18.6	X	244.80412	38.37483	341.88669	3.43792	0.2539767	0.24488596	2.5302307	21	5 13.3	22.9
526675 2006 UE_{280}	16.3	X	151.63147	287.20518	213.23820	6.22206	0.0988155	0.17722117	3.1390072	21	7 20.8	21.2
526676 2006 US_{281}	15.9	X	251.01915	328.58790	50.78451	26.96874	0.1394969	0.17699123	3.1417254	21	5 28.4	20.8
526677 2006 UC_{290}	17.1	X	209.79355	97.01658	300.52297	3.97295	0.1619888	0.17322539	3.1870951	21	5 12.5	22.4
526678 2006 UL_{299}	17.3	X	47.65405	281.77778	36.97127	2.40292	0.0619608	0.20360608	2.8615997	21	10 30.8	21.2
526679 2006 UT_{299}	16.8	X	40.45636	283.38888	41.47041	2.54902	0.0675334	0.20328096	2.8646501	21	10 29.9	20.6
526680 2006 UK_{346}	19.0	X	250.63181	112.52322	245.07914	4.62018	0.2903329	0.24380325	2.5377162	21	4 17.4	23.3
526681 2006 UX_{346}	16.2	X	212.08816	345.10727	94.74996	17.15018	0.0814194	0.17894142	3.1188570	21	7 10.5	20.9
526682 2006 UW_{362}	15.7	X	351.85784	190.34638	144.79595	3.89312	0.1900705	0.12166376	4.0336224	21	8 25.9	20.2
526683 2006 UX_{362}	16.2	X	219.72681	6.10595	50.08005	12.24128	0.1094193	0.17819939	3.1275090	21	6 16.2	21.1
526684 2006 UG_{364}	15.8	X	229.25148	315.76777	71.93367	18.56322	0.1207052	0.17715911	3.1397402	21	5 23.6	20.7
526685 2006 UT_{364}	16.7	X	240.62440	194.81385	221.64391	8.63488	0.1074485	0.17830313	3.1262958	21	7 8.7	21.5
526686 2006 UX_{364}	17.4	X	148.90424	87.10353	35.83802	15.07452	0.1124644	0.24506066	2.5290281	21	6 27.8	21.4
526687 2006 UG_{365}	17.8	X	76.89838	117.02579	208.63639	4.50324	0.1532718	0.26890878	2.3772019	21	—	—
526688 2006 UH_{365}	16.6	X	175.94135	160.09692	284.38740	14.68346	0.2176637	0.23207322	2.6225233	21	6 8.9	21.2
526689 2006 UJ_{365}	16.6	X	225.15863	130.84465	254.16231	15.58434	0.2510702	0.17507462	3.1646128	21	5 6.1	22.1
526690 2006 UN_{365}	18.7	X	241.23972	153.59373	222.12853	16.85264	0.2316418	0.24346273	2.5400819	21	5 7.6	22.7
526691 2006 UR_{365}	17.2	X	114.05540	10.00894	91.33753	14.00327	0.2441984	0.22908657	2.6452677	21	5 12.4	21.4
526692 2006 VM	17.9	X	196.23728	190.86224	234.07835	6.90284	0.1540820	0.24091777	2.5579389	21	6 1.8	22.0
526693 2006 VW_{8}	16.3	X	295.86685	167.41486	227.94546	9.72745	0.1055106	0.18539199	3.0460854	21	8 18.5	20.5
526694 2006 VG_{16}	17.4	X	191.71343	47.59043	37.68120	8.59197	0.2416863	0.17374210	3.1807729	21	6 22.5	23.0
526695 2006 VO_{18}	17.9	X	274.85019	73.23557	31.72125	5.31560	0.1644582	0.26107548	2.4245175	21	10 25.3	20.3
526696 2006 VK_{20}	16.8	X	348.06023	121.47146	237.53065	10.22058	0.0736739	0.19030116	2.9934713	21	9 22.6	20.9
526697 2006 VO_{21}	18.3	X	242.29274	170.96525	213.77598	4.05041	0.2163390	0.24558288	2.5254416	21	5 21.2	22.3
526698 2006 VY_{27}	17.5	X	202.94316	72.43290	7.54521	3.26004	0.2120743	0.24233816	2.5479340	21	6 25.5	21.7
526699 2006 VA_{28}	17.7	X	224.32143	123.00497	256.43029	8.38375	0.2198619	0.23928770	2.5695425	21	4 26.6	22.0
526700 2006 VE_{30}	16.8	X	144.83948	64.28543	11.01113	2.39331	0.2244665	0.16305768	3.3182457	21	5 5.4	22.4
526701 2006 VE_{37}	18.1	X	50.86277	310.78619	52.82814	6.08644	0.0763385	0.26947501	2.3738706	21	—	—
526702 2006 VG_{46}	18.3	X	278.48467	85.68122	329.84138	1.69854	0.1929542	0.25407592	2.4688444	21	8 15.4	21.0
526703 2006 VO_{46}	18.1	X	254.90441	110.93147	279.08341	1.16039	0.1588211	0.24663347	2.5182647	21	6 15.4	21.5
526704 2006 VD_{47}	18.5	X	254.98979	320.60532	14.62885	2.17950	0.2367505	0.24017185	2.5632323	21	3 30.1	22.6
526705 2006 VX_{60}	16.6	X	189.28456	31.00190	57.43351	10.03274	0.0680995	0.17430903	3.1738724	21	6 26.8	21.4
526706 2006 VT_{68}	17.8	X	204.76735	213.57807	205.65100	0.76660	0.1881689	0.23967238	2.5667923	21	6 1.6	22.0
526707 2006 VO_{73}	18.4	X	213.60371	170.42811	240.56508	5.00631	0.2408697	0.24098812	2.5574410	21	5 27.9	22.7
526708 2006 VJ_{77}	17.8	X	165.16754	264.61818	59.05198	23.62436	0.3837415	0.29125989	2.2539741	21	1 10.2	22.0
526709 2006 VJ_{80}	16.7	X	173.63798	235.96856	232.17596	26.24440	0.0433596	0.24283925	2.5444278	21	6 28.5	20.7
526710 2006 VN_{118}	15.8	X	160.25662	262.92723	242.92422	12.40317	0.1030510	0.17771624	3.1331749	21	8 2.5	20.9
526711 2006 VT_{127}	18.1	X	229.87530	161.39431	254.05326	11.29254	0.2680099	0.24509766	2.5287735	21	6 14.0	22.5
526712 2006 VM_{138}	17.7	X	227.08896	136.22782	239.42971	10.12240	0.1959846	0.23900575	2.5715629	21	4 25.9	22.1
526713 2006 VV_{145}	15.9	X	242.84069	67.57576	350.07601	12.96248	0.1059392	0.18104519	3.0946490	21	7 17.8	20.7
526714 2006 VW_{169}	18.2	X	264.55211	0.25177	90.47284	2.47264	0.1524648	0.25471539	2.4647106	21	9 22.1	21.3
526715 2006 VT_{172}	17.4	X	10.95341	355.38069	1.41525	1.85504	0.0901178	0.19650077	2.9301727	21	10 30.3	21.1
526716 2006 VX_{172}	16.6	X	149.56144	277.51582	228.47946	7.98233	0.0973557	0.17835585	3.1256798	21	7 24.7	21.6
526717 2006 VA_{175}	16.5	X	262.07501	12.81263	4.74776	9.47590	0.1212577	0.17988668	3.1079215	21	6 12.9	21.2
526718 2006 VL_{175}	16.3	X	246.05907	123.46520	275.61873	11.65344	0.1291801	0.17848964	3.1241176	21	6 22.1	21.0
526719 2006 VT_{175}	17.6	X	345.85606	7.81803	64.45294	11.94914	0.1281774	0.27083212	2.3659339	21	—	—
526720 2006 VX_{175}	15.4	X	245.90581	275.94739	91.93028	22.38356	0.2005420	0.17461379	3.1701783	21	5 15.3	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526721 2006 VE_{176}	17.8	X	290.44371	274.03250	140.26700	5.26042	0.1603995	0.25558034	2.4591466	21	9 8.7	20.4
526722 2006 WP_{5}	16.5	X	130.74393	337.75247	218.63240	11.04310	0.0345161	0.18366722	3.0651257	21	8 29.9	21.1
526723 2006 WK_{7}	16.5	X	195.00990	252.76205	212.14643	9.04694	0.0462076	0.17838804	3.1253037	21	7 22.4	21.3
526724 2006 WB_{29}	17.4	X	252.80902	131.31001	242.02305	15.34452	0.2162756	0.24387877	2.5371923	21	5 15.9	21.5
526725 2006 WP_{31}	16.7	X	160.34796	88.30199	69.20650	16.98589	0.1704760	0.17893785	3.1188985	21	8 30.7	22.1
526726 2006 WG_{34}	18.1	X	264.82306	282.22374	84.95536	6.11971	0.1962600	0.24517058	2.5282721	21	5 23.5	21.8
526727 2006 WW_{40}	18.0	X	195.84490	307.37407	170.72793	4.85860	0.2388399	0.24477315	2.5310081	21	8 4.7	22.3
526728 2006 WB_{42}	16.9	X	210.14830	209.35686	205.72776	7.47648	0.1664842	0.17384085	3.1795683	21	6 4.3	22.2
526729 2006 WD_{44}	18.1	X	238.01571	173.76636	199.25117	5.46160	0.1664630	0.24073572	2.5592283	21	5 6.6	22.0
526730 2006 WL_{47}	16.9	X	71.65833	335.99430	253.60074	17.08346	0.0578602	0.24545135	2.5263437	21	8 1.7	20.6
526731 2006 WP_{54}	17.2	X	198.19376	46.31235	69.53494	7.64213	0.2325264	0.17538291	3.1609033	21	8 5.4	22.7
526732 2006 WT_{56}	16.9	X	189.03057	206.84739	254.23753	13.92395	0.1310932	0.24140529	2.5544938	21	7 9.4	21.0
526733 2006 WF_{59}	17.6	X	168.02188	197.60738	260.10074	11.01824	0.1441564	0.23861961	2.5743364	21	6 16.4	21.5
526734 2006 WO_{76}	17.8	X	228.86112	327.16763	57.73448	6.98704	0.2551249	0.24146793	2.5540520	21	5 7.7	22.0
526735 2006 WN_{80}	18.1	X	277.12376	145.50646	304.02920	1.02692	0.1374930	0.25792554	2.4442173	21	10 10.2	20.9
526736 2006 WC_{85}	18.0	X	271.66458	345.88233	89.72402	4.98499	0.1488035	0.25372885	2.4710952	21	9 13.1	21.0
526737 2006 WT_{87}	16.1	X	104.09586	149.05475	75.57635	17.24336	0.0312124	0.18436774	3.0573566	21	9 15.9	20.8
526738 2006 WC_{99}	18.0	X	269.33827	276.85472	67.29822	12.72024	0.2290265	0.24257645	2.5462651	21	4 27.8	21.9
526739 2006 WR_{102}	16.9	X	162.71595	78.95821	67.57427	8.98239	0.2266499	0.17378831	3.1802091	21	8 15.7	22.5
526740 2006 WE_{105}	17.8	X	293.11239	150.31303	213.97742	2.34725	0.1282850	0.24773009	2.5108275	21	7 4.9	20.9
526741 2006 WW_{121}	17.9	X	259.77758	259.91466	126.84638	6.14826	0.2103389	0.24644944	2.5195181	21	6 11.0	21.7
526742 2006 WR_{127}	20.3	X	154.37772	351.47732	260.79360	16.78864	0.3759858	1.14100952	0.9070054	21	—	—
526743 2006 WH_{139}	17.8	X	209.03828	59.48488	79.69705	4.60111	0.1225178	0.25249260	2.4791546	21	9 24.2	21.4
526744 2006 WU_{139}	17.3	X	195.02061	352.36272	102.55963	2.75157	0.1444405	0.17477971	3.1681716	21	7 9.1	22.3
526745 2006 WG_{146}	18.0	X	188.78401	185.01221	262.90771	5.08205	0.2132275	0.24020020	2.5630307	21	6 23.4	22.4
526746 2006 WM_{147}	18.6	X	226.29399	358.89121	57.93291	5.23498	0.1953054	0.24349739	2.5398409	21	6 17.3	22.6
526747 2006 WG_{150}	18.4	X	263.36278	137.04113	226.86514	11.42351	0.2498498	0.24506834	2.5289753	21	5 11.1	22.3
526748 2006 WE_{154}	18.5	X	238.87793	328.37296	61.89752	6.25832	0.2672858	0.24393948	2.5367713	21	5 21.1	22.8
526749 2006 WC_{160}	17.6	X	206.37884	1.55107	98.43783	6.16272	0.2305661	0.24010554	2.5637043	21	7 23.3	22.0
526750 2006 WT_{161}	17.5	X	43.68870	184.87230	64.77549	14.71678	0.0204497	0.24597660	2.5227460	21	7 24.9	21.0
526751 2006 WE_{163}	17.0	X	335.38529	152.22697	225.82152	10.19946	0.1432539	0.19115044	2.9845980	21	9 27.5	20.5
526752 2006 WG_{169}	18.8	X	250.16660	157.66841	229.30471	1.25378	0.2580946	0.24512867	2.5285603	21	5 27.3	22.7
526753 2006 WX_{173}	18.3	X	264.53282	348.74407	105.52776	2.06195	0.1497506	0.25498406	2.4629789	21	9 27.2	21.2
526754 2006 WZ_{179}	16.3	X	104.85008	17.12142	72.84434	10.15493	0.0700797	0.15824780	3.3851475	21	4 2.0	21.2
526755 2006 WW_{200}	17.8	X	228.12001	135.00203	278.60830	6.11646	0.2520928	0.24300521	2.5432692	21	6 11.4	22.1
526756 2006 WV_{201}	17.6	X	218.50632	309.21355	109.55887	6.22772	0.2753401	0.23996535	2.5647027	21	6 9.5	22.1
526757 2006 WN_{203}	16.0	X	169.93650	260.19809	255.47598	11.29394	0.0602561	0.17993201	3.1073995	21	8 23.4	20.9
526758 2006 WA_{205}	17.9	X	223.36428	326.00987	69.23708	3.90019	0.1758122	0.23863453	2.5742291	21	5 19.8	21.9
526759 2006 WR_{207}	16.1	X	232.79539	142.17140	297.96523	10.91847	0.1640962	0.17261280	3.1946311	21	7 25.3	20.9
526760 2006 WU_{207}	15.8	X	321.51683	44.37233	305.55912	9.58309	0.1055842	0.17011010	3.2258882	21	7 31.5	19.9
526761 2006 WG_{208}	17.5	X	202.76079	317.59571	142.79013	4.01788	0.1275944	0.23687446	2.5869650	21	7 24.6	21.6
526762 2006 WH_{208}	17.5	X	307.69641	270.41050	162.31494	1.57274	0.1630161	0.25529715	2.4609648	21	11 7.4	19.6
526763 2006 WM_{208}	16.4	X	235.93467	341.81713	78.95208	11.73514	0.0942153	0.17803124	3.1294780	21	7 12.3	21.1
526764 2006 WO_{208}	16.8	X	229.16406	342.67026	65.03794	14.67647	0.1791271	0.17723262	3.1388721	21	6 10.3	21.9
526765 2006 WP_{208}	16.0	X	213.46784	300.96952	99.35745	27.97519	0.2421910	0.17323725	3.1869496	21	5 25.5	21.8
526766 2006 WQ_{208}	16.4	X	144.92593	57.46596	84.49303	11.85801	0.0622016	0.17454598	3.1709993	21	7 15.3	21.1
526767 2006 WS_{208}	16.3	X	210.35877	10.57037	84.84705	18.49064	0.1614742	0.17688014	3.1430407	21	7 24.4	21.5
526768 2006 WU_{208}	17.3	X	279.50773	285.06032	65.71707	6.32085	0.2584806	0.24200144	2.5502969	21	5 10.4	21.0
526769 2006 WV_{208}	16.7	X	231.40371	318.35835	81.07931	10.24647	0.1237328	0.17660485	3.1463061	21	6 7.7	21.5
526770 2006 WZ_{208}	16.7	X	205.60630	259.12698	182.78687	13.14847	0.2816125	0.17591355	3.1545434	21	6 27.5	22.5
526771 2006 WC_{209}	16.8	X	311.61512	225.49444	91.89951	12.61457	0.0713121	0.17450921	3.1714447	21	6 9.1	21.0
526772 2006 WF_{209}	17.1	X	236.42010	336.47568	137.61891	11.99467	0.1801810	0.25382469	2.4704732	21	9 15.6	20.7
526773 2006 XO	17.5	X	50.37148	156.38519	202.52664	8.09008	0.1042878	0.26933837	2.3746735	21	—	—
526774 2006 XT_{3}	18.4	X	107.20187	134.15401	279.71113	19.38251	0.1097014	0.42140053	1.7620004	21	—	—
526775 2006 XQ_{16}	16.4	X	245.66519	337.13540	90.55002	18.44227	0.1909449	0.17658964	3.1464867	21	7 21.1	21.4
526776 2006 XA_{27}	17.2	X	336.65346	346.58384	101.79567	26.10148	0.2422558	0.26500024	2.4005193	21	—	—
526777 2006 XM_{40}	17.5	X	256.64805	255.32574	110.98862	5.80083	0.2679086	0.24204144	2.5500159	21	5 8.3	21.6
526778 2006 XT_{45}	18.1	X	184.99679	253.63599	245.24899	7.14373	0.2270912	0.24583933	2.5236849	21	8 19.9	22.6
526779 2006 XG_{48}	16.1	X	281.83451	301.98366	73.18582	16.83059	0.2594224	0.24551575	2.5259019	21	6 12.7	19.6
526780 2006 XT_{50}	17.4	X	220.77006	151.30365	270.52986	3.31282	0.2273229	0.23949485	2.5680605	21	6 17.1	21.5
526781 2006 XY_{55}	17.3	X	265.58465	280.64063	107.29522	12.02181	0.1966912	0.24142647	2.5543444	21	6 20.8	21.0
526782 2006 XA_{67}	16.7	X	219.62870	75.68217	21.86530	7.76644	0.1427726	0.24479488	2.5308583	21	8 10.4	20.6
526783 2006 XO_{69}	17.3	X	285.88089	268.25458	93.11093	3.74138	0.1856769	0.24145510	2.5541425	21	6 11.3	20.6
526784 2006 XK_{73}	17.9	X	194.12119	341.65113	100.19524	5.97846	0.1534745	0.23742799	2.5829427	21	6 21.5	22.0
526785 2006 XK_{74}	17.7	X	29.05605	290.54641	104.72695	3.16078	0.1965947	0.26855161	2.3793092	21	—	—
526786 2006 XO_{74}	16.2	X	231.27422	130.54022	286.84259	9.20322	0.0391774	0.16879265	3.2426522	21	7 7.9	20.8
526787 2006 XQ_{74}	16.3	X	255.04101	158.03411	286.06994	12.41090	0.1089242	0.17762780	3.1342148	21	8 24.9	21.0
526788 2006 YZ_{1}	17.1	X	204.80973	113.37980	290.70518	28.24181	0.3978185	0.23579471	2.5948565	21	5 4.3	22.8
526789 2006 YC_{4}	17.3	X	141.26047	118.47859	70.88374	6.02092	0.1684692	0.24204469	2.5499931	21	9 20.5	21.5
526790 2006 YA_{9}	17.5	X	222.11900	37.19243	21.54209	1.71557	0.2538220	0.23901337	2.5715082	21	6 12.7	22.0
526791 2006 YF_{12}	17.5	X	215.59955	320.40335	122.42500	6.62061	0.2458814	0.23933875	2.5691770	21	7 8.0	21.8
526792 2006 YG_{28}	18.0	X	240.24087	83.72773	303.77746	3.72598	0.2841019	0.24093087	2.5578462	21	5 16.7	22.3
526793 2006 YU_{36}	18.1	X	158.65599	189.59327	330.07811	4.20322	0.2533980	0.23919160	2.5702307	21	8 27.7	22.5
526794 2006 YG_{48}	17.4	X	172.41288	21.43592	106.60006	12.81818	0.1414054	0.23819184	2.5774176	21	7 30.9	21.5
526795 2006 YN_{52}	16.9	X	157.80695	63.88573	108.47244	17.57886	0.3239252	0.17384410	3.1795286	21	9 15.5	23.0
526796 2006 YF_{57}	15.9	X	164.53727	243.79488	267.37744	21.78671	0.1657911	0.17686738	3.1431919	21	8 9.2	21.4
526797 2007 AO	17.9	X	192.83451	13.99209	92.58425	6.49201	0.2028806	0.23976671	2.5661190	21	7 21.2	22.2
526798 2007 AA_{9}	22.4	X	181.71784	55.89513	270.85798	6.79742	0.4204269	1.23974112	0.8581872	21	—	—
526799 2007 AC_{10}	17.6	X	241.49606	116.21183	294.66846	2.90521	0.2713963	0.24274245	2.5451042	21	6 17.9	21.7
526800 2007 AM_{12}	16.8	X	298.15641	52.61246	297.80513	3.48186	0.3289816	0.24314400	2.5423012	21	5 19.9	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526801 2007 AC_{32}	18.2	X	217.67469	209.65744	231.55897	1.46168	0.2263418	0.24072104	2.5593323	21	7 8.8	22.4
526802 2007 BC	16.6	X	144.64133	93.25717	63.27288	28.31583	0.3765003	0.23169117	2.6254055	21	8 30.2	22.2
526803 2007 BL_{3}	17.0	X	214.16153	105.44647	299.71230	28.93554	0.3203295	0.23697586	2.5862270	21	5 14.1	22.4
526804 2007 BO_{3}	17.5	X	218.70060	171.80687	257.26368	3.23677	0.2273437	0.24015191	2.5633743	21	6 24.4	21.9
526805 2007 BA_{26}	16.1	X	292.76018	74.93278	309.95967	10.94450	0.0757275	0.17411714	3.1762038	21	8 7.7	20.3
526806 2007 BD_{26}	18.6	X	208.31742	173.27134	311.17991	8.10410	0.2140093	0.24383489	2.5374967	21	8 23.8	22.9
526807 2007 BW_{28}	17.3	X	175.79547	169.40429	294.47372	5.25932	0.2049322	0.23477714	2.6023488	21	7 2.8	21.7
526808 2007 BW_{33}	17.0	X	177.11284	304.14371	202.14080	0.43697	0.1115387	0.17336412	3.1853946	21	8 24.0	21.8
526809 2007 BW_{34}	18.8	X	28.61045	73.25337	309.97461	20.09369	0.0993459	0.39737481	1.8323250	21	—	—
526810 2007 BA_{35}	16.2	X	99.23518	271.56050	307.30703	17.27884	0.1100935	0.17116920	3.2125678	21	8 27.3	21.1
526811 2007 BA_{36}	17.6	X	219.80256	334.00582	98.32948	1.60419	0.1068879	0.23886031	2.5726067	21	7 7.9	21.3
526812 2007 BM_{38}	18.0	X	228.68656	310.71134	135.94680	9.82559	0.2349392	0.24310575	2.5425679	21	7 24.7	22.3
526813 2007 BN_{38}	17.0	X	192.48136	306.15902	129.88858	14.42459	0.1492020	0.23404148	2.6077993	21	6 14.4	21.4
526814 2007 BU_{38}	17.4	X	226.69525	201.09606	213.17311	1.65455	0.2760416	0.23957957	2.5674551	21	6 9.8	21.8
526815 2007 BL_{51}	17.0	X	161.58423	190.08721	337.49564	9.46660	0.0591730	0.17327908	3.1864366	21	9 2.7	21.9
526816 2007 BM_{55}	16.9	X	194.31740	332.34916	110.51243	13.67260	0.1140703	0.23523969	2.5989364	21	6 24.3	21.0
526817 2007 BR_{75}	17.6	X	175.76230	338.47445	146.50075	8.75053	0.2260324	0.23805697	2.5783910	21	7 28.5	22.0
526818 2007 BF_{103}	16.1	X	33.01516	321.90942	341.19178	5.49298	0.0605315	0.17227473	3.1988091	21	9 16.3	20.3
526819 2007 BH_{103}	16.7	X	173.42953	114.34626	338.74755	12.62237	0.0992449	0.22966250	2.6408434	21	6 14.8	21.0
526820 2007 BQ_{103}	16.4	X	184.74935	66.77222	113.92654	9.20149	0.0408189	0.18343440	3.0677187	21	10 20.4	21.0
526821 2007 BS_{103}	17.8	X	264.92858	309.56818	197.33154	0.83495	0.1371212	0.25747320	2.4470792	21	12 10.9	20.6
526822 2007 CK_{1}	17.3	X	170.93462	151.17712	323.87961	13.39355	0.1296207	0.23385929	2.6091535	21	7 14.1	21.5
526823 2007 CK_{9}	16.9	X	166.41026	229.26204	319.46377	27.44847	0.1908833	0.24320908	2.5418477	21	9 22.6	21.7
526824 2007 CC_{15}	17.2	X	211.13696	109.18982	318.75383	10.86932	0.1918292	0.23477782	2.6023438	21	6 18.6	21.6
526825 2007 CK_{26}	19.0	X	305.23693	97.54986	147.30911	32.39943	0.4634032	0.40935077	1.7964107	21	—	—
526826 2007 CA_{27}	21.3	X	131.20929	200.06707	122.97131	29.97164	0.3436809	1.22364044	0.8656988	21	—	—
526827 2007 CR_{30}	17.7	X	217.16737	116.23716	316.73055	4.70531	0.2801343	0.23952037	2.5678782	21	6 25.6	22.1
526828 2007 CO_{32}	18.4	X	250.33368	1.02493	148.41479	3.82730	0.1293329	0.25486480	2.4637472	21	11 24.5	21.4
526829 2007 CX_{32}	16.7	X	7.41643	223.63072	140.06147	10.10461	0.0976891	0.18297642	3.0728355	21	11 5.5	20.7
526830 2007 CN_{42}	15.9	X	122.66658	67.81996	145.34155	27.07962	0.1826907	0.17056660	3.2201299	21	9 29.8	21.4
526831 2007 CD_{57}	15.9	X	168.11293	41.93099	114.58447	29.61605	0.2026491	0.17146153	3.2089153	21	9 1.9	21.6
526832 2007 CY_{78}	16.6	X	140.60558	7.66572	166.34413	4.08306	0.0977770	0.16829051	3.2490992	21	8 20.4	21.6
526833 2007 CJ_{80}	15.9	X	221.07205	189.89844	261.50631	12.87796	0.1287343	0.17920654	3.1157802	21	7 27.3	20.9
526834 2007 CO_{80}	15.8	X	59.18301	179.54018	135.26556	12.92178	0.0521399	0.18053082	3.1005243	21	11 9.3	20.4
526835 2007 CW_{80}	17.1	X	25.37880	353.22125	321.37830	12.68532	0.1446722	0.24195222	2.5506428	21	10 3.9	20.2
526836 2007 DN_{13}	16.1	X	158.01939	191.66465	346.06949	14.52035	0.1996645	0.17209392	3.2010493	21	9 13.2	21.4
526837 2007 DZ_{19}	18.4	X	212.78059	152.73729	341.45218	4.05630	0.1970302	0.24335563	2.5408271	21	9 11.6	22.5
526838 2007 DO_{23}	17.2	X	166.08977	111.68196	335.38077	6.50201	0.2124207	0.22833844	2.6510425	21	6 2.6	21.8
526839 2007 DJ_{24}	17.1	X	161.64327	139.61391	332.40451	12.76696	0.1272657	0.23003142	2.6380192	21	6 29.9	21.4
526840 2007 DL_{38}	18.1	X	187.33210	112.29894	15.69299	3.46103	0.2372675	0.23617198	2.5920924	21	8 12.2	22.6
526841 2007 DM_{67}	17.2	X	306.66667	140.63708	135.23211	4.67051	0.1893519	0.21257491	2.7805329	21	3 19.9	20.9
526842 2007 DT_{68}	17.7	X	208.67122	290.14899	147.03781	3.17339	0.2065320	0.23396530	2.6083653	21	6 27.0	22.0
526843 2007 DG_{72}	18.0	X	185.79698	65.04318	27.59771	2.39432	0.1787177	0.23072913	2.6326983	21	6 27.3	22.2
526844 2007 DW_{73}	17.0	X	149.53555	47.60274	151.18153	1.88833	0.1316805	0.17122232	3.2119033	21	9 30.5	22.1
526845 2007 DX_{74}	18.1	X	220.97816	115.55095	345.12879	4.75652	0.2050275	0.23926484	2.5697061	21	8 8.3	22.1
526846 2007 DY_{77}	17.8	X	212.11342	354.88932	132.12355	6.47680	0.1583342	0.24289164	2.5440619	21	9 6.8	21.6
526847 2007 DM_{79}	16.3	X	62.14264	241.41778	283.93361	12.07682	0.1490987	0.21992165	2.7182583	21	5 7.5	19.7
526848 2007 DR_{80}	16.7	X	208.29186	113.66380	14.73593	2.20056	0.0169864	0.17193397	3.2030343	21	9 10.3	21.3
526849 2007 DR_{84}	16.8	X	183.77271	305.03608	172.06943	31.12498	0.3272772	0.23739596	2.5831751	21	7 23.3	22.2
526850 2007 DP_{94}	17.6	X	154.96667	81.64578	112.87690	5.96379	0.1454924	0.23987637	2.5653369	21	10 8.7	21.7
526851 2007 DS_{118}	17.2	X	76.72616	151.34297	5.11295	9.38828	0.0857093	0.21776438	2.7361809	21	5 8.1	20.8
526852 2007 DC_{119}	16.2	X	297.38477	72.15238	312.80385	24.78013	0.1651143	0.17670576	3.1451081	21	8 2.8	20.3
526853 2007 DK_{119}	13.6	X	294.31533	336.16040	344.47051	26.62542	0.0822730	0.08468400	5.1357256	21	5 13.3	20.7
526854 2007 DM_{119}	16.2	X	273.76194	264.04226	162.33225	15.43687	0.0698270	0.17364744	3.1819288	21	9 5.9	20.5
526855 2007 DS_{119}	17.5	X	146.99355	193.65743	16.39420	12.46055	0.2195003	0.23611267	2.5925264	21	10 17.1	21.9
526856 2007 DV_{119}	18.3	X	80.09837	293.66504	308.37297	3.49562	0.1303575	0.30372201	2.1918889	21	9 21.7	21.1
526857 2007 EM_{8}	16.7	X	163.43864	338.74204	194.45248	0.14422	0.1211734	0.16884772	3.2419470	21	9 12.1	21.9
526858 2007 ED_{16}	18.1	X	169.00394	193.48551	357.23649	0.48011	0.1280710	0.24254275	2.5465010	21	10 14.8	21.9
526859 2007 EU_{41}	17.0	X	189.14317	117.71999	326.69749	11.98391	0.2180549	0.23431760	2.6057502	21	6 19.9	21.6
526860 2007 EU_{46}	17.1	X	332.03102	234.25800	1.82473	9.93812	0.0681281	0.21019601	2.8014728	21	3 20.2	20.6
526861 2007 EY_{52}	18.4	X	177.80134	1.54392	350.51513	22.58699	0.0538134	0.41218832	1.7881568	21	1 6.2	20.7
526862 2007 EN_{87}	17.4	X	278.79700	7.22343	48.39300	12.38488	0.0806818	0.23582028	2.5946689	21	9 9.5	20.9
526863 2007 EL_{111}	17.3	X	77.38063	216.41606	37.83041	4.95942	0.1842134	0.23003436	2.6379967	21	10 7.4	21.0
526864 2007 EQ_{129}	17.4	X	196.56346	255.78277	171.31510	11.45962	0.1752774	0.22800681	2.6536125	21	6 6.1	21.9
526865 2007 EC_{133}	17.0	X	160.29080	126.80336	358.69990	13.09628	0.2040985	0.23058725	2.6337782	21	7 20.3	21.6
526866 2007 EA_{136}	17.7	X	136.95902	178.70794	349.10314	1.72380	0.1262982	0.23123112	2.6288866	21	8 14.3	21.5
526867 2007 EW_{145}	17.7	X	118.25616	127.82308	141.16075	4.00527	0.1750627	0.24336327	2.5407740	21	12 4.0	21.8
526868 2007 EM_{147}	18.2	X	215.53637	60.18514	140.63925	4.41629	0.1101708	0.25174035	2.4840910	21	12 18.6	21.6
526869 2007 EH_{176}	17.0	X	349.76012	288.68431	333.34802	3.70049	0.1320084	0.21561456	2.7543386	21	5 13.9	20.1
526870 2007 EG_{202}	17.5	X	115.67073	194.18688	341.12765	4.45207	0.1961412	0.22975818	2.6401102	21	8 8.5	21.6
526871 2007 EC_{215}	16.5	X	182.44851	85.04061	24.21853	13.85582	0.1691336	0.23682836	2.5873007	21	7 18.8	21.0
526872 2007 EH_{222}	14.3	X	44.51534	36.75376	191.58009	31.44886	0.0816046	0.08354450	5.1823189	21	6 28.9	21.3
526873 2007 EZ_{225}	16.9	X	257.06599	303.68848	42.63189	6.66267	0.0246854	0.21497142	2.7598293	21	5 9.1	20.6
526874 2007 EA_{226}	16.7	X	347.86258	209.42618	51.00612	6.45131	0.0411656	0.21690065	2.7434401	21	5 16.4	20.0
526875 2007 ER_{226}	17.6	X	50.09961	321.60068	345.89009	4.12380	0.0590814	0.24220894	2.5488402	21	10 23.3	20.8
526876 2007 EV_{226}	16.8	X	23.99367	161.74191	188.89899	3.54210	0.2236233	0.24333263	2.5409872	21	12 10.9	19.8
526877 2007 EC_{227}	17.7	X	333.63470	207.91862	130.93265	3.24114	0.0983596	0.29629557	2.2283630	21	8 14.3	19.3
526878 2007 FE	19.3	X	317.92821	135.22852	122.63808	6.99718	0.4567446	0.41025014	1.7937843	21	1 7.0	22.1
526879 2007 FG_{14}	16.8	X	271.25387	150.64900	155.50101	13.46211	0.1367382	0.21024637	2.8010254	21	3 24.9	21.0
526880 2007 FR_{14}	17.7	X	149.18633	215.56330	19.21569	19.54715	0.1565001	0.24293630	2.5437501	21	11 13.3	22.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526881 2007 FT_{16}	17.1	X	314.76851	302.69485	333.94768	4.29162	0.1331879	0.21851409	2.7299189	21	4 5.5	20.7
526882 2007 FP_{20}	15.8	X	211.55155	91.92243	70.42817	9.06204	0.0662591	0.17679240	3.1440804	21	10 24.1	20.5
526883 2007 FV_{20}	18.2	X	199.28590	109.18879	31.01660	12.41427	0.2756946	0.24171254	2.5523286	21	9 8.8	22.8
526884 2007 FE_{29}	18.1	X	217.16943	123.98281	14.68454	4.76579	0.1852308	0.24267142	2.5456008	21	9 23.5	21.8
526885 2007 FC_{39}	16.7	X	159.83908	283.07239	225.21185	23.52127	0.2988068	0.23132088	2.6282065	21	8 6.7	22.0
526886 2007 FX_{41}	17.2	X	127.90011	122.91304	6.21930	11.23866	0.0249675	0.22122932	2.7075361	21	5 31.4	21.1
526887 2007 FR_{48}	18.3	X	196.43947	342.67251	194.78461	5.49058	0.1391381	0.24386069	2.5373177	21	10 25.6	22.0
526888 2007 FT_{52}	18.5	X	291.29690	92.57530	23.13881	21.94531	0.0359139	0.38872947	1.8593925	21	—	—
526889 2007 GH_{6}	14.5	X	72.43539	98.66409	78.94845	25.38431	0.4648713	0.08024064	5.3236129	21	7 29.3	22.1
526890 2007 GN_{28}	16.6	X	323.29083	229.89279	190.59902	14.78323	0.1040449	0.24274593	2.5450798	21	11 20.6	19.6
526891 2007 GQ_{38}	17.9	X	231.37884	63.46515	34.78368	13.39068	0.2296885	0.23604560	2.5930175	21	8 18.1	22.3
526892 2007 GM_{41}	18.6	X	40.61961	148.97935	203.45602	21.46010	0.0466859	0.38400487	1.8746127	21	—	—
526893 2007 GJ_{52}	20.0	X	255.38516	171.35949	29.13684	11.32807	0.2353107	0.32519705	2.0942972	21	—	—
526894 2007 GZ_{55}	16.9	X	283.80735	245.59689	74.95940	9.02915	0.2320069	0.20918973	2.8104497	21	4 15.4	21.2
526895 2007 GZ_{57}	16.4	X	53.34335	227.64126	44.78469	13.09998	0.1408189	0.22785267	2.6548091	21	9 29.4	19.9
526896 2007 GM_{76}	17.4	X	166.91619	201.95379	36.58535	18.25053	0.1140642	0.24357809	2.5392799	21	12 8.0	21.5
526897 2007 GA_{78}	17.2	X	78.63683	216.84838	115.44144	9.91640	0.1756592	0.23922280	2.5700071	21	—	—
526898 2007 HR	20.6	X	78.10450	13.09183	32.71992	11.97495	0.7414431	0.89435392	1.0669149	21	—	—
526899 2007 HV_{1}	16.8	X	4.02882	213.89973	21.55105	14.22671	0.0677361	0.21440341	2.7647015	21	5 2.5	20.3
526900 2007 HM_{2}	13.9	X	313.66560	283.19030	35.24066	27.67696	0.0162795	0.07991415	5.3381027	21	6 16.1	21.1
526901 2007 HL_{21}	17.5	X	161.52785	149.84279	33.79873	13.53312	0.1078975	0.23420439	2.6065898	21	10 2.3	21.6
526902 2007 HE_{35}	17.3	X	120.26314	308.74335	223.03951	12.14233	0.2001221	0.22491191	2.6779003	21	8 3.3	21.9
526903 2007 HX_{43}	17.0	X	132.38410	325.43568	202.65808	13.58593	0.1920407	0.22681994	2.6628614	21	8 9.8	21.6
526904 2007 HO_{49}	16.7	X	339.20622	190.97841	68.15541	9.17956	0.1760671	0.20923455	2.8100483	21	4 20.9	19.9
526905 2007 HN_{61}	18.8	X	72.26382	151.59316	195.82262	19.86320	0.0537030	0.38772328	1.8626080	21	—	—
526906 2007 HX_{62}	17.7	X	176.08353	151.11756	41.70229	10.37111	0.1365075	0.23907217	2.5710866	21	10 24.8	21.6
526907 2007 HF_{72}	18.5	X	80.35147	103.69428	215.40220	21.25926	0.0871256	0.38037024	1.8865357	21	—	—
526908 2007 HG_{74}	18.1	X	146.68734	46.65038	142.59154	3.14575	0.1360005	0.23133810	2.6280761	21	9 21.4	22.3
526909 2007 HQ_{80}	17.4	X	139.11784	109.58594	29.28948	4.10477	0.1644872	0.22436444	2.6822548	21	7 13.0	21.7
526910 2007 HT_{80}	17.1	X	306.55448	322.61280	32.64803	6.79897	0.1040793	0.22431562	2.6826440	21	7 18.9	20.4
526911 2007 HX_{91}	18.0	X	142.56739	37.67929	189.49979	7.34394	0.1395867	0.24038176	2.5617399	21	11 4.6	22.0
526912 2007 HE_{92}	17.6	X	177.54011	218.55004	13.94433	3.01921	0.1211693	0.24418713	2.5350558	21	12 14.1	21.3
526913 2007 HT_{99}	17.5	X	202.21315	105.77032	57.88911	27.45134	0.2330351	0.23904061	2.5713129	21	10 19.3	22.1
526914 2007 HJ_{100}	17.7	X	6.11908	217.23646	106.13507	7.75073	0.1342901	0.29712331	2.2242225	21	10 1.9	19.7
526915 2007 JB_{2}	17.4	X	149.69217	72.96776	136.19479	11.84593	0.2248690	0.23431360	2.6057798	21	10 23.6	22.1
526916 2007 JE_{2}	17.7	X	145.81390	53.43739	176.97998	13.16910	0.2157668	0.23586277	2.5943573	21	11 12.8	22.3
526917 2007 JX_{3}	17.2	X	101.82260	123.55386	71.91325	7.62669	0.0763899	0.22507067	2.6766409	21	8 7.1	21.0
526918 2007 JU_{15}	17.5	X	184.14743	68.95146	89.46104	29.69987	0.3602228	0.23593064	2.5938597	21	9 26.4	23.0
526919 2007 JG_{18}	16.6	X	55.06165	249.00489	82.33375	28.60316	0.0928443	0.23567331	2.5957475	21	12 7.3	20.1
526920 2007 JY_{26}	17.4	X	115.53323	86.05496	222.81828	16.00286	0.2442092	0.24033823	2.5620493	21	—	—
526921 2007 JR_{36}	17.4	X	112.63224	121.27167	28.65427	13.29001	0.1483426	0.22182965	2.7026490	21	6 27.2	21.6
526922 2007 JK_{38}	16.9	X	151.61479	310.27872	213.57770	12.94994	0.2035548	0.22939149	2.6429230	21	8 21.5	21.6
526923 2007 JC_{47}	16.9	X	152.81210	14.98987	244.51117	11.66224	0.2082628	0.24232322	2.5480387	21	12 20.2	21.3
526924 2007 JG_{47}	16.7	X	155.82691	337.76948	202.90527	12.87118	0.1218900	0.22996815	2.6385030	21	9 15.7	20.9
526925 2007 KU_{9}	17.0	X	21.47742	10.20353	235.78499	8.44855	0.0821295	0.21481992	2.7611267	21	6 18.2	20.3
526926 2007 KW_{9}	17.2	X	130.85946	252.40540	233.93355	14.76586	0.0449573	0.21281547	2.7784372	21	6 5.8	21.1
526927 2007 LO_{13}	17.4	X	185.11137	46.87492	111.43705	14.32485	0.2010101	0.23451536	2.6042851	21	9 22.5	22.0
526928 2007 LP_{13}	16.5	X	291.34280	182.36085	105.93385	16.34316	0.1175115	0.20449527	2.8532985	21	4 3.9	20.8
526929 2007 LF_{15}	16.2	X	69.15299	314.35921	264.96023	14.93048	0.3381558	0.22026477	2.7154347	21	8 24.9	20.5
526930 2007 LB_{17}	17.8	X	156.19458	168.61700	74.57237	4.96726	0.1820656	0.24030321	2.5622981	21	12 4.5	21.9
526931 2007 LK_{27}	17.2	X	59.20224	233.54930	108.50174	10.87113	0.1267117	0.23724173	2.5842945	21	12 28.8	20.8
526932 2007 LJ_{37}	17.5	X	140.78088	118.81010	134.29425	13.85630	0.2426883	0.23751280	2.5823278	21	12 5.9	22.2
526933 2007 ML_{1}	16.1	X	268.14923	202.16672	105.24374	10.55734	0.1475515	0.20095593	2.8867034	21	3 25.7	20.6
526934 2007 MA_{11}	16.8	X	25.29954	5.99829	287.53625	3.23018	0.0413647	0.21503465	2.7592883	21	8 25.1	20.2
526935 2007 MW_{15}	16.8	X	190.49608	99.48741	278.49673	14.76558	0.3795730	0.18598569	3.0395995	21	3 28.7	22.9
526936 2007 MZ_{23}	16.4	X	144.71063	299.32346	307.90943	29.43752	0.3403724	0.23338479	2.6126888	21	11 27.3	21.9
526937 2007 OR	17.9	X	218.81063	291.46164	321.56379	26.05222	0.3151372	0.31735235	2.1286695	21	—	—
526938 2007 OJ_{11}	17.0	X	301.44809	237.71530	131.95658	0.84239	0.0879466	0.20857823	2.8159400	21	7 31.3	20.6
526939 2007 OM_{11}	17.6	X	82.83068	351.12656	331.90571	4.91982	0.1708754	0.22694006	2.6619216	21	—	—
526940 2007 PR	16.6	X	209.66265	50.28891	317.95835	12.74685	0.5346919	0.18667331	3.0321305	21	3 27.8	23.1
526941 2007 PG_{17}	17.8	X	279.12975	88.12974	279.08948	4.02115	0.2306503	0.27340434	2.3510712	21	6 2.2	21.0
526942 2007 PE_{21}	18.1	X	64.28307	224.53610	157.58293	23.35088	0.0994720	0.37505091	1.9043316	21	—	—
526943 2007 PV_{31}	17.8	X	18.74590	4.39843	331.29397	5.60168	0.2447061	0.28948890	2.2631575	21	11 24.4	20.1
526944 2007 PU_{40}	17.9	X	157.61193	355.87427	320.98812	6.93497	0.1359349	0.31209873	2.1524912	21	—	—
526945 2007 PV_{43}	17.2	X	113.86226	173.40567	162.10346	14.83671	0.2617526	0.23540296	2.5977345	21	—	—
526946 2007 PO_{46}	18.3	X	337.49352	174.26658	146.44679	3.94787	0.1963708	0.27769627	2.3267837	21	7 12.2	20.0
526947 2007 PH_{49}	17.7	X	152.24978	120.95122	150.46908	29.52115	0.3752125	0.23806130	2.5783598	21	—	—
526948 2007 PW_{50}	16.5	X	162.48821	112.50007	278.09312	8.65243	0.2274721	0.17516114	3.1635707	21	3 24.2	22.0
526949 2007 PZ_{50}	16.4	X	238.49509	181.21512	146.98473	11.58170	0.1297335	0.19054831	2.9908822	21	3 21.2	21.1
526950 2007 PE_{51}	17.0	X	288.53996	19.17199	15.00809	23.72072	0.1873496	0.27833289	2.3232344	21	8 16.8	20.1
526951 2007 QG_{8}	17.5	X	40.56911	324.95395	2.09087	7.19474	0.3428459	0.22023411	2.7156867	21	12 14.0	21.4
526952 2007 QF_{11}	17.2	X	154.69591	117.79261	160.98444	14.16938	0.1626939	0.23400645	2.6080595	21	—	—
526953 2007 QC_{18}	17.1	X	107.07157	321.34883	178.53506	9.09977	0.0172000	0.19283411	2.9671999	21	5 23.2	21.3
526954 2007 RK_{3}	16.6	X	181.62288	206.70492	157.02919	12.12045	0.2606308	0.18237890	3.0795434	21	3 13.8	22.0
526955 2007 RM_{7}	16.5	X	177.73094	244.64228	162.48070	12.46724	0.2733885	0.18536831	3.0463448	21	5 1.9	22.1
526956 2007 RM_{13}	17.9	X	261.73322	302.35576	67.21513	3.28819	0.2337516	0.26802715	2.3824119	21	5 17.4	21.3
526957 2007 RK_{15}	17.0	X	260.19794	333.87286	30.39813	13.64017	0.2204706	0.26600729	2.3944569	21	5 7.9	20.6
526958 2007 RA_{19}	18.0	X	266.26051	320.68888	22.81880	2.48807	0.1954695	0.26505306	2.4002004	21	4 21.7	21.5
526959 2007 RX_{26}	18.1	X	295.70463	344.97090	340.06693	2.05323	0.2221441	0.27101694	2.3648582	21	4 26.2	21.0
526960 2007 RO_{27}	18.2	X	326.17427	9.72177	321.22752	4.92648	0.2043982	0.27688017	2.3313536	21	7 2.0	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
526961 2007 RT_{28}	16.8	X	162.99952	250.22026	154.64983	1.37135	0.1762923	0.18226182	3.0808621	21	4 11.9	21.8
526962 2007 RF_{29}	16.1	X	158.68417	57.00949	319.81004	15.50829	0.2271641	0.17802718	3.1295256	21	3 5.0	21.5
526963 2007 RL_{30}	17.1	X	342.21399	106.41472	270.64217	8.59451	0.0728336	0.28710111	2.2756884	21	10 24.7	19.5
526964 2007 RE_{33}	17.1	X	261.44527	167.55030	228.06432	8.53825	0.2990861	0.27066183	2.3669261	21	6 13.1	20.9
526965 2007 RL_{35}	18.4	X	318.94403	329.80528	348.51047	2.57441	0.2047234	0.27144905	2.3623477	21	5 25.8	20.9
526966 2007 RA_{37}	16.3	X	192.37808	349.12307	22.29619	18.49300	0.2225774	0.18037404	3.1023208	21	3 31.6	21.7
526967 2007 RN_{37}	16.9	X	216.82442	159.12413	183.19808	1.03992	0.2071966	0.18402263	3.0611778	21	3 13.7	22.1
526968 2007 RR_{38}	16.7	X	261.68990	178.40116	129.52158	4.17930	0.2797403	0.18917660	3.0053227	21	3 5.6	21.8
526969 2007 RG_{43}	16.2	X	349.81307	242.77621	330.16702	8.70323	0.0423989	0.18343888	3.0676687	21	3 18.9	20.3
526970 2007 RL_{43}	17.9	X	276.82718	29.74601	321.15444	5.73985	0.1251846	0.26800179	2.3825622	21	5 21.9	21.1
526971 2007 RR_{44}	18.2	X	198.65654	340.35082	304.15578	3.52425	0.1474695	0.31317132	2.1475736	21	—	—
526972 2007 RF_{49}	15.9	X	160.59557	33.64530	6.25652	28.52191	0.2136430	0.17902269	3.1179131	21	4 2.4	21.2
526973 2007 RY_{49}	17.8	X	290.37010	356.52382	349.05085	2.94066	0.2236116	0.26959971	2.3731386	21	5 17.8	20.8
526974 2007 RU_{50}	16.2	X	103.06241	271.31644	213.95312	13.07988	0.2855057	0.18128852	3.0918791	21	6 3.2	21.1
526975 2007 RP_{51}	18.5	X	287.22669	148.63140	231.34966	5.41896	0.1161267	0.27401601	2.3475711	21	7 20.1	21.3
526976 2007 RX_{51}	18.6	X	334.43591	200.58235	262.16597	4.41966	0.0621287	0.29908594	2.2144815	21	—	—
526977 2007 RY_{54}	16.6	X	177.42119	187.22562	209.39814	8.25861	0.0966480	0.18377539	3.0639227	21	4 11.1	21.3
526978 2007 RM_{60}	17.7	X	277.39092	145.52147	203.65867	6.03615	0.1594215	0.26897487	2.3768124	21	5 17.6	20.8
526979 2007 RK_{63}	18.5	X	357.08177	278.19444	12.49631	0.99868	0.1874644	0.27722297	2.3294313	21	7 11.6	20.0
526980 2007 RD_{66}	16.9	X	0.68964	302.90395	343.06933	8.32925	0.0663585	0.20411578	2.8568339	21	7 12.1	20.6
526981 2007 RB_{68}	18.2	X	333.61260	183.60180	125.67245	1.96565	0.2037039	0.27490919	2.3424835	21	6 11.8	20.0
526982 2007 RR_{69}	16.9	X	280.20855	275.35980	17.73596	5.97603	0.1131997	0.18924016	3.0046497	21	3 22.7	21.2
526983 2007 RT_{69}	18.0	X	124.96973	230.21937	56.58885	2.91785	0.1734035	0.22983536	2.6395192	21	12 28.3	22.3
526984 2007 RB_{80}	16.3	X	143.03427	75.45742	344.40046	9.79947	0.1594934	0.18261131	3.0769299	21	4 6.7	21.2
526985 2007 RE_{84}	18.7	X	340.23521	147.42274	219.51579	1.97118	0.2541774	0.28343846	2.2952511	21	10 16.9	19.5
526986 2007 RB_{86}	17.4	X	321.24662	293.54438	354.34697	21.71531	0.2953787	0.27002069	2.3706714	21	3 25.2	20.4
526987 2007 RS_{87}	16.8	X	246.55574	127.94219	186.44929	3.30090	0.2315701	0.18628990	3.0362895	21	3 3.1	21.9
526988 2007 RN_{92}	18.4	X	284.25553	165.61976	187.32356	0.73600	0.2072501	0.26967208	2.3727140	21	5 23.8	21.5
526989 2007 RA_{94}	17.9	X	259.65679	318.90772	37.79546	2.94952	0.2227960	0.26480714	2.4016862	21	4 29.6	21.5
526990 2007 RJ_{99}	18.4	X	286.83119	56.59383	334.31427	5.00968	0.1574703	0.27763129	2.3271467	21	7 31.5	20.9
526991 2007 RD_{113}	16.9	X	190.53192	35.88024	15.20930	9.44549	0.0766192	0.18877313	3.0096034	21	5 9.8	21.5
526992 2007 RT_{115}	18.3	X	341.05997	56.81972	313.96102	2.89194	0.1679900	0.28310673	2.2970437	21	10 18.8	20.0
526993 2007 RM_{117}	16.7	X	202.28276	31.30467	346.34727	6.26265	0.1465737	0.18550322	3.0448676	21	4 10.8	21.7
526994 2007 RN_{117}	16.5	X	165.46775	78.50119	349.54342	9.66898	0.1068047	0.18649854	3.0340246	21	5 4.4	21.4
526995 2007 RX_{117}	15.9	X	237.20674	297.49708	355.18628	12.90808	0.0460826	0.17666155	3.1456329	21	2 14.3	20.6
526996 2007 RP_{118}	18.2	X	314.88551	190.65418	154.12007	1.49657	0.1867658	0.27318688	2.3523187	21	7 3.1	20.4
526997 2007 RP_{119}	16.8	X	28.26771	352.48726	353.25300	13.85958	0.1876059	0.21818294	2.7326805	21	11 24.9	20.4
526998 2007 RE_{122}	16.7	X	83.15349	291.97671	8.21490	12.02838	0.1721543	0.22283993	2.6944742	21	12 3.1	21.0
526999 2007 RV_{131}	16.4	X	223.76766	325.39838	13.65185	17.91625	0.1954630	0.18386651	3.0629104	21	3 19.5	21.5
527000 2007 RK_{135}	17.8	X	289.86875	1.23088	326.16132	1.64430	0.2296442	0.26788825	2.3832354	21	4 21.5	21.0
527001 2007 RO_{137}	18.9	X	44.40976	261.11717	130.59959	1.94676	0.1436691	0.30040119	2.2080129	21	—	—
527002 2007 RD_{138}	16.5	X	189.97540	60.70596	7.28412	5.70934	0.2804896	0.18626178	3.0365951	21	5 30.6	22.0
527003 2007 RX_{139}	17.9	X	276.69856	20.10319	341.89007	4.32546	0.2490724	0.27023379	2.3694249	21	5 19.7	21.3
527004 2007 RO_{144}	18.7	X	139.14193	295.12282	34.84455	1.06896	0.2209923	0.31041252	2.1602793	21	—	—
527005 2007 RC_{149}	16.4	X	206.37441	61.63719	285.88358	7.59284	0.1521427	0.18203303	3.0834429	21	3 8.6	21.5
527006 2007 RU_{158}	18.8	X	331.44793	193.24057	151.21354	5.14314	0.1775792	0.27906328	2.3191789	21	8 10.3	20.5
527007 2007 RQ_{161}	17.0	X	215.03943	230.36619	88.97399	2.37808	0.1655603	0.17856494	3.1232393	21	2 16.3	22.0
527008 2007 RH_{168}	17.5	X	216.98705	349.30843	34.03287	2.76077	0.2000710	0.26137641	2.4226562	21	4 26.5	21.2
527009 2007 RK_{170}	16.9	X	235.07586	223.17772	96.72680	2.41014	0.1450080	0.18508062	3.0495008	21	3 6.5	21.9
527010 2007 RM_{170}	16.9	X	211.13035	195.74640	159.25685	11.11569	0.1404007	0.18567616	3.0429766	21	3 26.9	21.9
527011 2007 RS_{170}	18.4	X	9.56150	344.70570	3.00823	8.62801	0.1811778	0.28708604	2.2757681	21	11 12.8	20.6
527012 2007 RP_{172}	18.9	X	290.68162	352.24983	28.93914	4.97909	0.1711987	0.27437189	2.3455407	21	7 20.9	21.5
527013 2007 RK_{180}	16.3	X	228.37668	320.99312	353.77936	6.45990	0.3100666	0.18221834	3.0813521	21	2 17.7	21.9
527014 2007 RB_{182}	17.1	X	259.96385	338.64438	148.83756	6.93410	0.0801048	0.22205690	2.7008048	21	11 11.6	20.8
527015 2007 RL_{185}	16.7	X	203.74021	13.95907	15.78217	10.86178	0.0913958	0.18749204	3.0232971	21	4 27.3	21.3
527016 2007 RO_{204}	16.0	X	58.18009	115.22043	192.18846	24.55344	0.1583033	0.21711001	2.7416762	21	11 16.7	20.1
527017 2007 RT_{204}	17.0	X	22.80886	46.00305	273.48527	3.21199	0.0694149	0.21015277	2.8018570	21	9 27.4	20.6
527018 2007 RN_{209}	16.7	X	153.94542	264.80758	164.71571	11.24143	0.1703424	0.18311622	3.0712712	21	5 5.4	21.8
527019 2007 RE_{214}	16.9	X	213.71898	41.94651	288.27749	2.80848	0.1701855	0.18083496	3.0970469	21	2 25.4	21.9
527020 2007 RG_{223}	17.9	X	266.14452	147.87187	211.54681	1.88577	0.2049357	0.26704143	2.3882711	21	5 11.8	21.3
527021 2007 RR_{227}	16.1	X	163.51061	18.46580	33.62680	18.65030	0.1416315	0.17781094	3.1320624	21	4 20.0	21.0
527022 2007 RY_{233}	17.9	X	285.82732	74.33517	303.63293	5.37509	0.2780685	0.27230717	2.3573822	21	6 19.0	20.9
527023 2007 RF_{236}	18.3	X	67.13430	68.12800	352.75076	19.18822	0.1213213	0.38238961	1.8798881	21	—	—
527024 2007 RB_{239}	17.7	X	357.81445	106.99647	250.71929	2.72602	0.1727482	0.28573294	2.2829471	21	11 6.3	19.5
527025 2007 RB_{243}	16.2	X	160.13020	35.52069	0.07681	14.07113	0.2919889	0.18022490	3.1040320	21	4 2.1	21.7
527026 2007 RG_{244}	18.5	X	302.83358	207.96361	149.82809	3.32775	0.2440052	0.27554142	2.3388989	21	6 20.6	21.0
527027 2007 RS_{247}	16.6	X	188.07169	61.20663	296.93568	13.88123	0.2955191	0.18083881	3.0970029	21	3 5.3	22.5
527028 2007 RD_{257}	18.0	X	289.21147	282.28125	75.56633	4.86930	0.2743897	0.27269690	2.3551356	21	5 26.7	20.8
527029 2007 RL_{261}	16.4	X	169.32874	13.27355	37.72557	9.10889	0.1535922	0.18273763	3.0755118	21	4 23.7	21.4
527030 2007 RS_{263}	17.0	X	102.13559	140.13392	158.08246	15.17716	0.0960939	0.22878484	2.6475929	21	12 17.8	21.2
527031 2007 RU_{266}	16.1	X	175.71661	282.65275	167.65530	8.97966	0.0642092	0.19350799	2.9603072	21	6 14.7	20.7
527032 2007 RD_{270}	18.5	X	264.32197	349.38103	43.16073	2.94245	0.2479801	0.26574729	2.3960184	21	6 17.9	21.9
527033 2007 RB_{272}	16.7	X	149.34168	227.78800	205.29149	8.82667	0.2082912	0.18121349	3.0927325	21	5 5.9	21.9
527034 2007 RV_{272}	18.4	X	281.81451	13.54619	349.45216	7.59766	0.1971551	0.26998520	2.3708791	21	6 3.7	21.7
527035 2007 RM_{280}	16.2	X	189.72449	146.52485	212.12416	23.31601	0.2083348	0.18155442	3.0888595	21	3 7.0	21.7
527036 2007 RF_{288}	17.0	X	171.38994	69.89638	11.17485	17.97887	0.3754430	0.18360627	3.0658039	21	5 31.7	23.1
527037 2007 RZ_{288}	16.8	X	212.19750	199.89012	162.21490	1.43444	0.1826781	0.18170769	3.0871223	21	4 3.0	22.0
527038 2007 RU_{289}	16.7	X	230.62525	281.54820	41.41340	4.85216	0.2428759	0.18174954	3.0866485	21	3 3.3	22.1
527039 2007 RX_{289}	16.8	X	221.52886	249.34155	106.68964	2.26346	0.1784158	0.18134022	3.0912914	21	4 4.6	22.0
527040 2007 RK_{290}	16.7	X	160.89859	1.88741	31.64160	6.90174	0.1678415	0.17837678	3.1254353	21	3 28.9	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527041 2007 RZ_{290}	18.5	X	216.40330	129.38848	353.45635	5.80515	0.0901975	0.28572978	2.2829639	21	9 14.6	21.3
527042 2007 RR_{291}	17.2	X	210.86092	357.21871	20.76032	0.96943	0.1806324	0.18672866	3.0315313	21	4 19.8	22.2
527043 2007 RW_{293}	17.7	X	42.96590	256.82278	27.52493	5.71819	0.1645597	0.28175309	2.3043950	21	10 6.3	20.1
527044 2007 RP_{294}	16.7	X	241.17921	301.19830	9.52885	7.84831	0.2484094	0.18432826	3.0577931	21	2 25.0	22.0
527045 2007 RX_{295}	17.0	X	157.74746	28.30554	42.85482	5.14898	0.1890123	0.18412220	3.0600741	21	5 8.6	22.0
527046 2007 RJ_{296}	16.7	X	244.98368	120.10468	210.49567	10.98596	0.1027010	0.17980497	3.1088631	21	3 29.6	21.4
527047 2007 RG_{301}	19.1	X	292.69904	226.23324	131.61148	1.79457	0.2059297	0.27169447	2.3609250	21	6 11.6	21.9
527048 2007 RV_{301}	17.3	X	198.43348	145.13347	237.45048	1.53990	0.1373212	0.18383849	3.0632216	21	4 15.0	22.3
527049 2007 RX_{301}	16.5	X	169.34583	30.73719	32.33954	10.24612	0.0774883	0.18346384	3.0673905	21	5 3.7	21.2
527050 2007 RY_{302}	17.4	X	28.01346	156.94689	199.05048	5.96162	0.0573983	0.21662922	2.7457313	21	11 23.6	20.9
527051 2007 RA_{303}	16.6	X	150.76449	240.27893	193.87796	11.44320	0.1450853	0.18072535	3.0982990	21	5 5.1	21.6
527052 2007 RY_{307}	17.1	X	355.87503	188.72077	171.68655	3.87234	0.1115245	0.21389299	2.7690982	21	10 17.4	20.2
527053 2007 RV_{309}	18.1	X	43.34318	26.77563	21.75638	21.48924	0.0959306	0.37395606	1.9080467	21	—	—
527054 2007 RX_{309}	16.6	X	204.90804	211.34809	159.35234	4.83813	0.1684610	0.18304244	3.0720965	21	4 8.1	21.6
527055 2007 RW_{310}	16.8	X	175.73865	137.60637	227.16083	17.05329	0.2839186	0.17821203	3.1273612	21	3 5.2	22.7
527056 2007 RA_{312}	17.9	X	22.31705	167.12704	176.39054	22.33253	0.0686256	0.36013953	1.9565406	21	12 1.8	20.4
527057 2007 RU_{312}	16.5	X	153.76685	96.52566	275.81707	14.48688	0.2534271	0.17453937	3.1710794	21	2 23.8	22.1
527058 2007 RF_{313}	18.0	X	287.40118	280.74779	50.70173	5.98895	0.2487339	0.26906759	2.3762664	21	4 23.2	21.3
527059 2007 RO_{315}	16.5	X	177.96360	4.35558	356.43195	19.06619	0.2358606	0.18018961	3.1044372	21	3 8.5	21.8
527060 2007 RO_{316}	18.0	X	274.83171	251.63399	136.43527	5.54353	0.2143457	0.27243966	2.3566179	21	6 28.8	21.0
527061 2007 RS_{316}	16.7	X	133.01106	229.01101	191.33784	9.28242	0.0520481	0.17865590	3.1221791	21	3 19.5	21.1
527062 2007 RL_{318}	16.1	X	255.01204	266.92366	5.39131	20.86468	0.1963776	0.17988947	3.1078894	21	2 1.8	21.5
527063 2007 RW_{324}	17.2	X	170.67179	183.88089	197.93865	10.64915	0.2434266	0.17660894	3.1462575	21	3 24.3	22.7
527064 2007 RK_{327}	16.5	X	218.91162	177.10369	198.60209	2.65570	0.1332102	0.18909486	3.0061887	21	4 26.2	21.1
527065 2007 RV_{327}	17.5	X	328.87950	268.49904	136.02406	1.34736	0.0753932	0.21434240	2.7652262	21	10 31.9	20.9
527066 2007 RW_{327}	16.6	X	158.55463	71.93666	20.34559	13.33858	0.1250388	0.18649979	3.0340110	21	5 28.8	21.5
527067 2007 RX_{327}	16.7	X	286.22363	135.23216	142.52920	3.01232	0.1098521	0.18429590	3.0581511	21	3 11.7	21.0
527068 2007 RY_{327}	18.6	X	250.40965	37.00317	21.66669	9.33335	0.0985122	0.27265677	2.3553667	21	7 31.6	21.8
527069 2007 RC_{328}	16.6	X	245.32863	252.99230	228.59961	10.03666	0.1066404	0.20296756	2.8675982	21	10 4.9	20.7
527070 2007 RD_{328}	17.1	X	354.09330	8.13116	19.42913	14.56908	0.1218276	0.21616253	2.7496818	21	11 16.3	20.4
527071 2007 RJ_{328}	17.4	X	106.50480	120.97806	173.45578	6.34916	0.0262289	0.22260978	2.6963311	21	12 10.8	21.3
527072 2007 RK_{328}	17.4	X	101.03903	323.35218	11.01579	4.86664	0.1761144	0.23003576	2.6379860	21	—	—
527073 2007 RQ_{328}	16.7	X	291.46299	103.18672	198.86235	10.74874	0.0373456	0.18883413	3.0089552	21	4 27.5	20.8
527074 2007 RC_{329}	18.4	X	226.75359	88.35537	358.14944	2.69664	0.1678938	0.27121511	2.3637060	21	7 30.3	21.8
527075 2007 RE_{329}	16.1	X	8.86880	303.34389	97.15033	14.91686	0.2390194	0.22227156	2.6990657	21	—	—
527076 2007 RF_{329}	18.5	X	73.93200	159.22071	197.23837	8.18442	0.0874474	0.29972082	2.2113532	21	—	—
527077 2007 RJ_{329}	18.1	X	79.11835	294.05351	355.55039	1.45881	0.1774826	0.29352853	2.2423453	21	11 29.2	21.3
527078 2007 RN_{329}	18.1	X	52.88575	127.61496	210.33723	6.02647	0.2337086	0.29476197	2.2360856	21	—	—
527079 2007 RT_{329}	18.3	X	334.35242	287.01250	17.48740	9.60066	0.1999749	0.27029826	2.3690482	21	6 3.7	20.6
527080 2007 RZ_{329}	16.9	X	106.09115	234.30808	344.77396	3.12408	0.0337570	0.21002380	2.8030039	21	9 3.9	20.6
527081 2007 RF_{330}	18.0	X	45.69832	348.28886	336.21519	17.55741	0.0856644	0.36396034	1.9428235	21	12 6.2	20.6
527082 2007 RP_{330}	18.1	X	306.65797	206.38433	154.25829	6.64098	0.1312434	0.27674859	2.3320925	21	7 21.5	20.5
527083 2007 RV_{330}	18.5	X	321.80178	269.20906	135.42568	5.73667	0.1625303	0.28555174	2.2839128	21	11 4.4	20.2
527084 2007 RD_{331}	18.4	X	329.11000	88.36666	18.29852	4.52073	0.1038040	0.29713671	2.2241556	21	—	—
527085 2007 RG_{331}	18.3	X	235.27973	72.86095	17.80346	6.31298	0.1790990	0.27264252	2.3554487	21	8 14.9	21.7
527086 2007 RJ_{331}	17.1	X	195.62490	205.86667	188.27260	8.21264	0.1093233	0.18481667	3.0524035	21	4 28.1	21.8
527087 2007 RM_{331}	16.7	X	351.25030	328.42985	353.57426	13.08446	0.1172740	0.20652635	2.8345605	21	8 18.7	20.0
527088 2007 RN_{331}	18.1	X	177.11225	73.15563	216.47040	5.39103	0.1761936	0.31027925	2.1608978	21	—	—
527089 2007 RE_{332}	17.3	X	230.27334	92.86064	345.87540	14.28115	0.1287953	0.20110132	2.8853119	21	7 29.5	21.8
527090 2007 RG_{332}	18.5	X	240.04834	60.40194	16.83044	4.89388	0.1510618	0.27317632	2.3523793	21	8 4.6	21.7
527091 2007 RL_{332}	18.0	X	326.39582	284.71891	66.88726	7.42102	0.1509181	0.27817022	2.3241401	21	8 18.2	20.1
527092 2007 RN_{332}	18.4	X	338.77027	60.81016	356.68779	6.82528	0.0752158	0.29013633	2.2597894	21	12 21.9	20.9
527093 2007 RO_{332}	17.1	X	183.90843	89.70409	318.84588	1.51626	0.1245875	0.18504486	3.0498936	21	5 2.4	22.0
527094 2007 SN_{3}	17.2	X	274.85350	350.42024	8.86326	24.82506	0.2271541	0.26898613	2.3767461	21	5 7.2	21.1
527095 2007 ST_{3}	17.6	X	292.48461	328.90358	15.82181	12.89785	0.2416917	0.26947453	2.3738735	21	5 13.4	20.9
527096 2007 SZ_{3}	16.1	X	138.93350	84.57230	21.99774	20.17160	0.4379828	0.17812282	3.1284053	21	6 15.6	22.3
527097 2007 SG_{8}	18.1	X	259.59678	16.97531	22.83994	9.33215	0.1148940	0.27053553	2.3676627	21	7 12.6	21.4
527098 2007 ST_{8}	18.4	X	155.47992	170.44074	142.67570	3.53388	0.1989755	0.30895990	2.1670452	21	—	—
527099 2007 SW_{13}	18.3	X	295.18249	75.21245	5.09098	19.33833	0.0974988	0.35664061	1.9693165	21	11 16.6	20.3
527100 2007 SJ_{16}	17.9	X	245.62502	203.24245	164.38279	3.11607	0.1894511	0.26538136	2.3982205	21	5 4.1	21.6
527101 2007 SV_{16}	16.5	X	177.09763	193.88550	187.34723	13.15298	0.1557766	0.18258857	3.0771853	21	3 25.9	21.6
527102 2007 SC_{17}	16.7	X	172.65013	37.01577	358.64648	13.84472	0.0928267	0.18453820	3.0554735	21	4 2.8	21.5
527103 2007 SM_{21}	16.0	X	168.64784	120.08838	275.90687	15.47683	0.1490663	0.17995890	3.1070899	21	3 28.3	21.3
527104 2007 SA_{22}	17.9	X	245.27737	302.02904	90.52456	5.79086	0.2357669	0.26647719	2.3916412	21	5 31.7	21.7
527105 2007 SG_{22}	17.7	X	228.34600	165.37253	255.48835	5.70350	0.1570658	0.26542418	2.3979625	21	6 27.3	21.2
527106 2007 SW_{22}	16.9	X	200.18642	184.19510	211.69828	4.35183	0.2353785	0.18691356	3.0295318	21	5 1.8	22.2
527107 2007 SN_{23}	16.8	X	175.85799	9.24463	20.87125	9.50897	0.1522522	0.18175106	3.0866313	21	4 5.0	21.9
527108 2007 SS_{24}	16.7	X	285.27370	120.20745	241.15390	10.46521	0.0822122	0.19490676	2.9461268	21	6 26.7	20.7
527109 2007 SW_{24}	18.6	X	291.17388	135.81861	219.83743	1.53063	0.2035676	0.26733451	2.3865252	21	6 6.7	21.3
527110 2007 SX_{24}	17.5	X	270.61285	217.95512	218.35368	5.24508	0.0337804	0.20958682	2.8068987	21	9 21.4	21.4
527111 2007 TP_{1}	16.5	X	165.71097	215.72860	220.92447	15.95829	0.2709253	0.18117504	3.0931701	21	5 25.3	22.1
527112 2007 TS_{6}	16.1	X	207.23828	152.47542	221.22158	15.58003	0.2712525	0.18391592	3.0623618	21	4 8.7	21.6
527113 2007 TZ_{10}	17.3	X	295.31328	122.19834	196.13217	21.99371	0.2691813	0.26668152	2.3904194	21	4 11.6	20.5
527114 2007 TH_{13}	18.1	X	49.01137	28.24665	28.09956	21.16976	0.0883383	0.37347626	1.9096805	21	—	—
527115 2007 TD_{14}	18.9	X	310.08476	127.28363	185.82963	4.78596	0.4662855	0.27131531	2.3631240	21	3 24.5	22.5
527116 2007 TU_{20}	17.2	X	179.03830	30.66270	4.97297	2.04503	0.1257676	0.18216680	3.0819332	21	4 12.7	22.1
527117 2007 TZ_{20}	17.1	X	85.34839	72.20624	253.02565	5.46023	0.3333384	0.22733120	2.6588674	21	—	—
527118 2007 TS_{21}	15.8	X	137.42331	41.61525	18.34823	27.97535	0.1563547	0.17881957	3.1202737	21	4 5.9	20.7
527119 2007 TN_{24}	17.4	X	51.15389	107.63213	215.36564	5.02248	0.0445840	0.21663573	2.7456763	21	11 9.6	21.1
527120 2007 TE_{28}	16.8	X	221.05829	353.29911	340.61663	0.43037	0.1729518	0.18005354	3.1060011	21	3 8.8	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527121 2007 TH_{28}	16.3	X	250.72518	86.79790	209.44654	20.93446	0.1069117	0.17739201	3.1369915	21	2 18.7	21.5
527122 2007 TO_{28}	17.1	X	352.57768	152.18586	213.41937	6.50351	0.0719720	0.20958343	2.8069290	21	10 14.6	20.4
527123 2007 TC_{31}	17.9	X	234.22515	14.51443	34.54645	5.51932	0.2056861	0.26420798	2.4053158	21	6 13.4	21.8
527124 2007 TJ_{32}	16.6	X	229.67941	167.63504	179.38059	17.69073	0.1999568	0.18823809	3.0153036	21	3 30.2	21.6
527125 2007 TB_{39}	18.2	X	315.11403	172.06625	167.74227	1.45283	0.1998029	0.27082969	2.3659480	21	6 23.3	20.5
527126 2007 TF_{39}	17.7	X	285.69112	194.30816	154.22893	1.47361	0.1990638	0.26631044	2.3926394	21	5 21.2	20.8
527127 2007 TT_{40}	18.1	X	4.82833	153.36936	205.60227	4.70939	0.1809284	0.28322854	2.2963850	21	11 24.1	20.1
527128 2007 TP_{43}	15.3	X	300.51055	189.50503	162.19494	2.44753	0.1915580	0.12440644	3.9741185	21	6 20.6	20.6
527129 2007 TA_{45}	16.9	X	48.01606	338.72851	33.26076	10.49194	0.1392300	0.22327456	2.6909764	21	—	—
527130 2007 TE_{49}	16.9	X	209.43893	152.33799	11.05618	5.66503	0.0075519	0.21227494	2.7831518	21	10 29.4	20.8
527131 2007 TT_{49}	18.2	X	265.69705	107.93188	251.06332	1.62219	0.2282494	0.26513007	2.3997356	21	5 7.8	21.6
527132 2007 TE_{50}	18.0	X	223.27951	55.47796	14.84283	7.26268	0.0748428	0.26765183	2.3846386	21	7 13.9	21.4
527133 2007 TK_{50}	18.2	X	257.02713	181.48867	206.62928	5.44210	0.2379453	0.26727195	2.3868977	21	6 5.9	21.7
527134 2007 TP_{52}	18.8	X	287.09040	22.09168	0.95618	1.34429	0.1896344	0.27188155	2.3598418	21	7 13.4	21.6
527135 2007 TD_{53}	17.2	X	152.73024	228.81914	201.72316	6.42332	0.3025201	0.17861069	3.1227059	21	5 10.7	22.7
527136 2007 TV_{55}	17.9	X	265.05372	153.18794	213.38465	4.35211	0.2500596	0.26569754	2.3963175	21	5 15.4	21.6
527137 2007 TM_{58}	17.0	X	173.50105	28.30457	29.36282	0.60564	0.2365200	0.18091952	3.0960819	21	5 7.3	22.2
527138 2007 TQ_{60}	17.1	X	68.94999	344.66378	351.37764	13.46464	0.1800838	0.22576108	2.6711811	21	—	—
527139 2007 TX_{60}	16.1	X	157.18200	5.99794	35.75133	16.08539	0.1949241	0.17654414	3.1470273	21	4 7.9	21.3
527140 2007 TY_{61}	18.3	X	270.45355	184.34960	206.02698	2.24573	0.1740001	0.26953117	2.3735409	21	7 2.4	21.4
527141 2007 TV_{62}	18.0	X	163.41534	294.14121	18.21270	4.95588	0.2640107	0.31036406	2.1605041	21	—	—
527142 2007 TG_{63}	18.6	X	326.70377	153.41446	178.53392	2.03667	0.2045263	0.27187962	2.3598530	21	7 4.1	20.6
527143 2007 TT_{75}	16.5	X	146.68485	59.54149	10.83875	12.90691	0.1565839	0.18184491	3.0855691	21	4 22.9	21.5
527144 2007 TF_{76}	18.6	X	311.28398	320.95057	28.47816	2.77496	0.2345325	0.27618050	2.3352894	21	6 24.6	20.9
527145 2007 TA_{77}	17.6	X	299.29626	311.59272	39.50470	5.86388	0.2567653	0.27120332	2.3637746	21	6 1.8	20.4
527146 2007 TD_{77}	18.1	X	134.25217	52.56302	270.04702	2.43553	0.2070499	0.30491140	2.1861852	21	—	—
527147 2007 TJ_{77}	16.3	X	199.32423	167.73058	223.68512	8.50066	0.2279420	0.18382475	3.0633742	21	4 25.5	21.7
527148 2007 TU_{77}	17.6	X	325.82085	54.15206	275.89553	2.78121	0.1783721	0.27167965	2.3610108	21	7 3.3	19.7
527149 2007 TW_{78}	16.7	X	177.85463	156.55247	213.72023	16.39072	0.2197366	0.17695149	3.1421957	21	3 12.9	22.3
527150 2007 TF_{79}	18.1	X	257.10830	32.36263	335.56394	0.99451	0.1852943	0.26386554	2.4073964	21	5 15.3	21.8
527151 2007 TD_{81}	17.6	X	203.66946	206.47156	171.78929	0.50454	0.2670417	0.18408003	3.0605415	21	4 13.5	23.1
527152 2007 TW_{82}	15.6	X	138.25381	44.73448	11.25459	27.68090	0.1997081	0.17601507	3.1533304	21	4 3.6	20.7
527153 2007 TS_{86}	16.2	X	244.85005	289.50609	43.40466	23.28775	0.0373869	0.18058872	3.0998616	21	4 15.3	20.8
527154 2007 TQ_{88}	17.5	X	325.09973	340.28330	43.89632	6.55920	0.1705431	0.27801544	2.3250026	21	10 6.4	19.2
527155 2007 TS_{89}	16.5	X	166.69917	278.82399	121.60296	4.11161	0.1851735	0.17767484	3.1336616	21	4 12.1	21.7
527156 2007 TH_{90}	18.4	X	278.41468	230.64346	168.17403	3.82747	0.2025245	0.27178904	2.3603773	21	7 20.4	21.3
527157 2007 TO_{91}	17.2	X	189.62125	247.64239	165.59097	1.10099	0.2455998	0.18570891	3.0426189	21	5 14.4	22.6
527158 2007 TN_{92}	16.8	X	190.94664	294.57513	101.40359	2.60396	0.1214620	0.18939578	3.0030036	21	4 25.2	21.6
527159 2007 TG_{100}	18.8	X	280.20597	331.49173	54.00777	3.32350	0.2222262	0.27210518	2.3585487	21	7 1.3	21.8
527160 2007 TS_{103}	16.3	X	205.81160	154.79828	212.83500	16.76091	0.0314029	0.17809787	3.1286974	21	4 5.3	21.0
527161 2007 TL_{104}	17.2	X	245.48568	356.01515	46.08047	15.39238	0.0718578	0.19260551	2.9695473	21	7 1.6	21.7
527162 2007 TR_{104}	18.5	X	265.63033	310.51284	71.28619	3.64190	0.2036563	0.26662310	2.3907686	21	6 10.4	21.8
527163 2007 TW_{105}	16.8	X	178.81594	48.41351	354.78314	1.14514	0.2359282	0.18243497	3.0789123	21	4 24.1	22.2
527164 2007 TL_{106}	17.8	X	300.57848	181.33413	167.73224	7.00093	0.2513440	0.27516514	2.3410307	21	6 3.6	20.7
527165 2007 TC_{108}	16.1	X	304.62124	197.31720	67.94962	10.60457	0.1150335	0.17917617	3.1161322	21	3 23.7	20.5
527166 2007 TG_{109}	17.2	X	122.75245	62.24265	266.23523	2.68267	0.2814728	0.23410846	2.6073018	21	—	—
527167 2007 TR_{111}	18.1	X	266.30568	125.14196	240.16777	4.58163	0.2221649	0.26692698	2.3889537	21	5 17.6	21.4
527168 2007 TC_{114}	18.3	X	346.15785	87.33838	265.98068	3.37726	0.2567248	0.28065662	2.3103930	21	10 7.1	19.4
527169 2007 TW_{115}	16.8	X	231.70570	302.20535	57.85993	8.86134	0.1307653	0.18334870	3.0686746	21	4 22.0	21.6
527170 2007 TY_{116}	16.7	X	197.23599	66.98391	280.64440	2.06948	0.2072007	0.17942504	3.1132501	21	3 4.3	22.1
527171 2007 TN_{120}	17.4	X	196.97811	55.54723	338.52494	1.44706	0.2914481	0.18372831	3.0644461	21	4 26.3	22.8
527172 2007 TQ_{122}	16.8	X	160.64893	186.33711	200.50348	8.93470	0.1177158	0.17512456	3.1640111	21	3 14.7	21.8
527173 2007 TF_{123}	18.5	X	265.76696	333.55110	55.97827	3.20444	0.2048813	0.26853781	2.3793907	21	6 21.0	21.8
527174 2007 TR_{123}	17.8	X	327.96470	272.67964	76.14698	2.38606	0.2063771	0.27531333	2.3401905	21	8 7.1	19.3
527175 2007 TU_{128}	16.6	X	205.60729	121.97345	224.70048	6.26585	0.1595157	0.17699280	3.1417067	21	3 8.8	21.8
527176 2007 TW_{128}	18.1	X	302.91034	112.42895	219.49520	4.63338	0.2435536	0.26773480	2.3841459	21	5 13.9	21.0
527177 2007 TX_{128}	18.1	X	352.80984	334.65943	28.74501	5.57228	0.1991162	0.28156543	2.3054188	21	11 6.9	19.7
527178 2007 TY_{128}	16.5	X	118.56517	233.46319	222.83893	11.36145	0.1312573	0.17605384	3.1528675	21	4 26.2	21.0
527179 2007 TV_{129}	18.7	X	319.12186	203.32498	207.24895	4.43294	0.2414093	0.28091890	2.3089547	21	10 31.6	19.8
527180 2007 TA_{130}	18.5	X	282.24369	166.46866	191.63407	0.84966	0.1909703	0.26663140	2.3907189	21	5 31.0	21.5
527181 2007 TX_{131}	16.4	X	101.96963	96.57242	40.23975	17.98123	0.1627168	0.18013303	3.1050873	21	5 28.7	21.1
527182 2007 TY_{132}	17.0	X	178.32515	214.61211	186.24614	1.40387	0.1919531	0.18001511	3.1064431	21	4 20.7	22.2
527183 2007 TV_{133}	16.2	X	246.42230	261.04847	42.63707	26.06882	0.2348142	0.17877952	3.1207396	21	3 6.8	21.9
527184 2007 TK_{134}	17.0	X	159.26947	46.55214	40.76657	10.42204	0.1543387	0.18263519	3.0766617	21	5 26.6	21.9
527185 2007 TE_{135}	17.3	X	83.10044	320.58985	10.60875	13.52236	0.2196907	0.22826184	2.6516356	21	—	—
527186 2007 TS_{135}	17.0	X	120.34757	251.94203	9.21210	13.22381	0.2649743	0.22634447	2.6665892	21	11 23.8	21.9
527187 2007 TT_{139}	16.7	X	200.66135	155.19967	251.40623	11.37910	0.3478196	0.18524381	3.0477096	21	5 12.3	22.5
527188 2007 TD_{140}	16.8	X	141.87625	82.32974	229.62523	27.16272	0.3796950	0.23496982	2.6009260	21	—	—
527189 2007 TO_{140}	18.4	X	257.36454	263.54836	133.51055	2.24446	0.1866049	0.26812324	2.3818427	21	6 24.0	21.8
527190 2007 TV_{149}	18.1	X	357.16332	39.88952	348.55066	19.49246	0.2239353	0.36212529	1.9493814	21	—	—
527191 2007 TD_{152}	17.3	X	71.92342	84.43173	251.79167	4.37490	0.2172151	0.22464990	2.6799821	21	—	—
527192 2007 TN_{158}	16.4	X	178.95345	7.05542	10.74339	12.77224	0.3034687	0.17905655	3.1175199	21	3 28.4	21.9
527193 2007 TS_{161}	16.4	X	148.29269	206.46402	198.88039	16.67724	0.2035551	0.17681301	3.1438361	21	3 31.8	21.5
527194 2007 TU_{161}	16.8	X	320.90710	310.91594	25.78410	13.36072	0.1672715	0.20161983	2.8803630	21	7 7.3	20.4
527195 2007 TZ_{161}	16.3	X	255.61037	68.13373	17.94537	15.01141	0.1274189	0.20429240	2.8551872	21	9 8.1	20.5
527196 2007 TA_{163}	16.2	X	138.27564	253.69293	203.28140	15.30028	0.2812200	0.17976465	3.1093279	21	5 30.0	21.7
527197 2007 TJ_{164}	16.6	X	183.84229	8.22025	21.31839	17.56262	0.1865473	0.18186524	3.0853392	21	4 11.4	21.8
527198 2007 TP_{164}	18.4	X	276.97299	178.11506	205.24951	6.36773	0.2299518	0.27081173	2.3660527	21	6 22.4	21.6
527199 2007 TD_{167}	18.1	X	293.83739	98.65707	227.88318	0.54146	0.1998390	0.26665437	2.3905817	21	4 30.5	21.1
527200 2007 TG_{170}	16.6	X	213.05083	192.93801	185.69294	10.45546	0.2256614	0.18519498	3.0482452	21	4 22.8	21.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527201 2007 TL_{174}	18.3	X	337.09958	29.69132	358.30156	2.49025	0.1918234	0.28431710	2.2905199	21	11 10.1	19.9
527202 2007 TQ_{174}	18.5	X	304.46151	10.51069	29.96670	2.65532	0.1888232	0.27945845	2.3169921	21	9 12.4	20.5
527203 2007 TZ_{175}	17.6	X	87.92080	243.57452	15.76927	20.70179	0.0541111	0.35271885	1.9838870	21	10 20.7	19.9
527204 2007 TL_{177}	15.9	X	217.12961	321.97725	39.96012	10.44417	0.0362533	0.18052465	3.1005950	21	4 14.3	20.5
527205 2007 TL_{178}	17.8	X	322.09018	136.39242	233.61358	4.26365	0.2276492	0.27676581	2.3319957	21	8 22.9	19.6
527206 2007 TY_{178}	17.9	X	306.01704	47.66332	331.95245	3.51250	0.2356931	0.27502805	2.3418085	21	8 2.6	20.0
527207 2007 TO_{183}	18.2	X	296.29900	130.82363	251.59864	4.19371	0.2329030	0.27283335	2.3543503	21	7 18.4	20.6
527208 2007 TS_{185}	17.9	X	260.95912	323.19954	74.15825	2.53741	0.1915023	0.27034398	2.3687810	21	6 28.0	21.0
527209 2007 TV_{191}	16.4	X	147.04277	235.75016	183.17264	10.73935	0.2370806	0.17838182	3.1253764	21	4 20.0	21.6
527210 2007 TP_{194}	18.7	X	291.56976	161.20185	188.47157	0.87091	0.2056604	0.26869184	2.3784813	21	5 29.3	21.5
527211 2007 TG_{200}	17.4	X	187.92801	124.78359	245.75233	0.23855	0.1890418	0.17919147	3.1159549	21	3 23.8	22.7
527212 2007 TO_{200}	18.3	X	220.83370	109.14204	359.61869	2.10539	0.2025706	0.27059385	2.3673226	21	8 19.5	21.9
527213 2007 TR_{200}	16.8	X	141.20912	235.53487	215.21960	10.86664	0.0520140	0.18283519	3.0744176	21	5 6.4	21.1
527214 2007 TM_{203}	16.9	X	174.20300	351.07578	56.47904	5.57180	0.1855505	0.17929389	3.1147682	21	4 25.8	22.2
527215 2007 TV_{204}	18.0	X	345.16329	239.64791	80.49481	4.38945	0.1910458	0.27297179	2.3535542	21	8 3.1	19.7
527216 2007 TO_{208}	16.4	X	255.06856	228.62283	124.86670	10.06355	0.1660718	0.19070827	2.9892095	21	5 5.4	21.2
527217 2007 TJ_{210}	16.4	X	177.62021	37.97561	352.25872	7.69600	0.0735115	0.18060329	3.0996949	21	4 1.9	21.1
527218 2007 TS_{212}	17.4	X	169.12046	52.99063	340.67361	4.12079	0.2952267	0.17773750	3.1329250	21	4 7.1	23.0
527219 2007 TO_{213}	16.4	X	165.17372	188.73456	228.14428	10.37085	0.2211159	0.17955252	3.1117764	21	4 29.2	21.6
527220 2007 TC_{214}	17.8	X	235.78587	174.99511	239.92813	5.53792	0.1083938	0.26563566	2.3966897	21	7 2.1	21.2
527221 2007 TQ_{214}	15.8	X	140.62486	15.42654	54.40686	19.77618	0.2848784	0.17529990	3.1619010	21	5 2.4	21.3
527222 2007 TS_{216}	18.3	X	43.29288	18.81965	15.33522	2.67184	0.1642001	0.29545043	2.2326105	21	—	—
527223 2007 TJ_{217}	16.4	X	178.59410	181.83518	236.71058	9.09939	0.0742125	0.18190117	3.0849329	21	5 8.7	21.0
527224 2007 TK_{217}	18.2	X	299.11860	357.32707	355.22712	2.50830	0.2454930	0.26965239	2.3728295	21	6 6.1	20.8
527225 2007 TX_{217}	16.4	X	204.06922	112.36504	228.84989	15.56785	0.2542436	0.17683064	3.1436272	21	2 25.6	22.2
527226 2007 TJ_{225}	18.3	X	254.26876	46.20712	14.93678	6.79918	0.1234952	0.27024922	2.3693347	21	8 4.4	21.4
527227 2007 TT_{230}	16.6	X	150.47752	218.88083	196.72347	8.42070	0.1803081	0.17575349	3.1564585	21	4 14.3	21.7
527228 2007 TW_{233}	17.3	X	254.73840	307.84755	76.55408	3.04898	0.1645081	0.19169459	2.9789472	21	6 8.7	21.7
527229 2007 TQ_{235}	18.2	X	250.97591	61.68128	45.49651	5.44976	0.1707954	0.27775685	2.3264454	21	9 26.9	21.1
527230 2007 TO_{236}	18.9	X	285.26534	209.93547	163.64475	2.39096	0.2764748	0.27122518	2.3636475	21	6 12.5	22.0
527231 2007 TS_{236}	17.9	X	294.70096	267.46473	65.20191	3.21607	0.2013230	0.26697883	2.3886444	21	5 10.4	20.8
527232 2007 TG_{239}	16.4	X	152.07781	48.61604	35.41210	17.26647	0.2242560	0.18155708	3.0888294	21	5 18.2	21.7
527233 2007 TH_{242}	16.8	X	204.00821	47.64467	338.98552	11.51498	0.2840221	0.18602561	3.0391646	21	4 18.2	22.4
527234 2007 TQ_{246}	17.2	X	238.65638	275.19839	127.96884	2.18233	0.2190806	0.19323512	2.9630934	21	6 11.1	22.0
527235 2007 TB_{249}	18.2	X	296.73248	355.94937	340.51764	2.73261	0.1943381	0.26869558	2.3784592	21	5 18.4	21.0
527236 2007 TE_{249}	19.1	X	274.66461	136.48224	322.58914	2.73534	0.1727740	0.28199363	2.3030844	21	10 17.3	21.4
527237 2007 TU_{252}	18.0	X	277.44155	198.68041	198.98694	8.79231	0.1323522	0.27276360	2.3547516	21	7 27.3	21.0
527238 2007 TZ_{252}	17.4	X	140.60399	231.20503	27.92292	8.70020	0.2589276	0.22473294	2.6793219	21	12 7.6	22.3
527239 2007 TC_{260}	17.8	X	95.55282	101.62200	204.56840	11.62055	0.2187998	0.22426949	2.6830118	21	12 26.8	22.4
527240 2007 TK_{260}	16.9	X	203.79301	198.44806	155.35236	1.80163	0.2033950	0.17946352	3.1128051	21	3 17.6	22.0
527241 2007 TB_{262}	17.1	X	136.61839	210.70815	239.45454	0.68720	0.2044675	0.17764903	3.1339651	21	5 14.3	22.2
527242 2007 TT_{262}	16.5	X	117.40935	65.98850	42.20558	16.01268	0.2306386	0.17566417	3.1575283	21	5 18.9	21.5
527243 2007 TJ_{265}	17.9	X	260.73734	32.14124	325.09162	3.72765	0.1753561	0.26446742	2.4037424	21	5 4.8	21.6
527244 2007 TZ_{267}	18.3	X	313.52488	220.10201	179.70949	1.58044	0.1789371	0.27966480	2.3158522	21	10 2.3	20.1
527245 2007 TN_{268}	17.1	X	214.22188	180.90510	156.66087	0.98041	0.1691350	0.17986690	3.1081494	21	3 7.5	22.0
527246 2007 TX_{272}	18.6	X	266.77657	255.76873	123.92610	3.63073	0.1175110	0.26653074	2.3913208	21	6 21.3	21.7
527247 2007 TE_{275}	16.0	X	194.94569	205.67100	183.16803	11.52266	0.1154531	0.18473560	3.0532965	21	4 21.4	20.8
527248 2007 TE_{278}	17.4	X	227.69737	59.54067	342.26893	2.07394	0.1539390	0.19210785	2.9746735	21	6 3.7	22.2
527249 2007 TL_{278}	16.7	X	271.65138	298.62843	7.95600	9.92658	0.0724327	0.18437778	3.0572456	21	4 2.6	21.1
527250 2007 TK_{280}	15.6	X	262.79079	165.54629	220.16506	7.98910	0.1876330	0.12606737	3.9391355	21	6 17.4	21.5
527251 2007 TP_{280}	17.0	X	171.28766	39.73315	2.73766	10.48194	0.1676336	0.18284208	3.0743403	21	4 13.2	22.1
527252 2007 TS_{283}	18.5	X	341.63490	246.71782	56.71081	1.98747	0.1948413	0.27236206	2.3570654	21	6 22.6	20.2
527253 2007 TK_{284}	16.9	X	76.81261	96.09394	163.53555	2.91268	0.1481993	0.21084828	2.7956921	21	10 6.3	20.8
527254 2007 TH_{288}	17.7	X	116.49865	144.11261	178.78179	11.63108	0.1798573	0.23026938	2.6362014	21	—	—
527255 2007 TY_{291}	16.6	X	225.00964	148.39855	200.63236	12.95135	0.1924330	0.18546172	3.0453218	21	3 27.3	21.6
527256 2007 TM_{295}	17.2	X	160.11293	77.30070	340.07003	1.40686	0.2124042	0.18108739	3.0941681	21	4 25.2	22.5
527257 2007 TX_{295}	16.8	X	215.08164	106.30807	216.13789	2.27609	0.0965230	0.17754639	3.1351728	21	2 19.6	21.7
527258 2007 TQ_{296}	18.3	X	294.59208	340.36093	68.18968	5.91221	0.2278839	0.27553592	2.3389301	21	8 31.0	20.6
527259 2007 TG_{300}	17.8	X	299.36774	288.34873	45.06102	4.04067	0.1457526	0.26653904	2.3912712	21	5 26.8	20.4
527260 2007 TM_{301}	17.0	X	84.00207	260.47792	30.21795	9.42839	0.1371667	0.21412757	2.7670754	21	11 18.4	21.2
527261 2007 TG_{302}	18.2	X	306.79260	99.06385	217.46025	2.73742	0.2469178	0.26687844	2.3892433	21	4 26.6	20.8
527262 2007 TF_{303}	18.6	X	271.72267	194.41267	213.75723	2.47469	0.1385786	0.27177873	2.3604370	21	8 3.8	21.6
527263 2007 TP_{303}	17.1	X	194.39928	354.89899	36.48095	0.71838	0.1837604	0.18207697	3.0829469	21	4 22.3	22.3
527264 2007 TL_{307}	17.1	X	83.84049	122.29991	199.72071	13.03929	0.2664234	0.22462046	2.6802163	21	—	—
527265 2007 TB_{308}	18.3	X	189.95405	58.27500	62.54433	3.17601	0.1525376	0.26823404	2.3811867	21	8 8.8	21.9
527266 2007 TU_{312}	17.2	X	255.53861	295.17497	125.53390	3.09333	0.1072434	0.19960216	2.8997411	21	8 2.6	21.4
527267 2007 TO_{315}	16.9	X	162.76977	235.84042	217.74881	20.17970	0.1976041	0.18380169	3.0636305	21	6 8.7	22.2
527268 2007 TO_{316}	16.5	X	136.07629	15.44920	60.12799	6.27850	0.1336069	0.17660673	3.1462837	21	4 21.7	21.3
527269 2007 TP_{318}	16.7	X	214.25960	157.62482	223.00173	9.56130	0.1091935	0.18228778	3.0805695	21	4 28.6	21.4
527270 2007 TA_{323}	18.1	X	296.74010	134.01901	268.69224	5.54432	0.1153252	0.27668597	2.3324444	21	9 7.1	20.6
527271 2007 TC_{323}	16.4	X	171.84004	144.17938	249.33491	8.92899	0.0883494	0.17864272	3.1223326	21	3 29.8	21.3
527272 2007 TK_{328}	18.3	X	157.58589	53.12383	262.84895	4.34694	0.1449223	0.30627442	2.1796942	21	—	—
527273 2007 TU_{329}	17.0	X	135.87640	68.82946	358.59536	4.57386	0.1514526	0.17549001	3.1596171	21	4 10.9	21.9
527274 2007 TB_{330}	16.2	X	203.73074	54.65341	269.42719	3.70474	0.1433158	0.17268164	3.1937821	21	2 10.9	21.4
527275 2007 TB_{331}	18.0	X	151.45241	282.53638	16.42633	7.70848	0.1633054	0.30148276	2.2027289	21	—	—
527276 2007 TN_{333}	18.0	X	289.91827	7.42178	342.87002	1.00747	0.2016052	0.26693389	2.3889125	21	5 28.2	20.8
527277 2007 TA_{334}	18.3	X	317.75977	8.62680	24.56688	8.26144	0.1958262	0.27812544	2.3243895	21	10 1.2	19.9
527278 2007 TQ_{335}	16.7	X	121.66811	85.47350	225.72565	11.18726	0.2744541	0.22726554	2.6593795	21	—	—
527279 2007 TE_{337}	17.2	X	6.16534	0.64018	7.41928	6.43559	0.0653825	0.21906557	2.7253354	21	11 7.2	20.6
527280 2007 TR_{344}	17.0	X	18.86723	256.57946	102.41016	5.58436	0.0805064	0.21305873	2.7763219	21	11 17.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527281 2007 TL_{345}	18.1	X	316.25978	201.64187	147.83142	3.23375	0.2234382	0.27631645	2.3345233	21	7 6.7	19.9
527282 2007 TV_{346}	16.1	X	222.57170	306.39484	52.74119	19.01389	0.0900583	0.18211213	3.0825501	21	4 18.1	20.9
527283 2007 TA_{347}	16.8	X	203.56772	185.71671	182.26612	11.82168	0.1260123	0.17948382	3.1125704	21	4 4.1	21.8
527284 2007 TV_{353}	18.2	X	346.18817	228.03473	140.79709	1.99243	0.1531297	0.28191013	2.3035391	21	10 28.7	20.0
527285 2007 TW_{354}	17.2	X	166.36850	265.79452	197.34011	23.00565	0.3717382	0.18403802	3.0610071	21	6 25.5	23.4
527286 2007 TY_{357}	17.5	X	235.73262	130.61537	307.09825	4.70111	0.0487777	0.20246932	2.8723007	21	8 7.8	21.5
527287 2007 TB_{361}	18.2	X	307.81283	279.71927	129.60754	5.35052	0.2215870	0.27746074	2.3281003	21	10 1.4	19.9
527288 2007 TP_{361}	16.8	X	82.67902	282.50769	52.12237	18.72787	0.2592614	0.22251700	2.6970806	21	—	—
527289 2007 TM_{363}	16.3	X	141.18803	4.30412	60.07967	18.41995	0.1281536	0.17331926	3.1859442	21	4 18.5	21.4
527290 2007 TX_{366}	17.9	X	344.01200	80.59298	231.38654	12.86360	0.2696249	0.27292844	2.3538034	21	7 3.2	19.5
527291 2007 TV_{367}	17.0	X	23.00700	314.00627	55.61281	6.25793	0.0879638	0.21353098	2.7722270	21	12 6.3	20.5
527292 2007 TB_{370}	18.6	X	285.94831	7.40848	75.34948	2.11668	0.2109024	0.27843217	2.3226821	21	10 8.2	20.6
527293 2007 TQ_{371}	18.3	X	307.15028	266.94333	97.13755	3.60378	0.2094773	0.27610476	2.3357165	21	7 15.2	20.2
527294 2007 TR_{371}	18.2	X	264.35247	102.74467	295.30372	1.95040	0.1820256	0.27118443	2.3638843	21	7 4.5	21.5
527295 2007 TV_{372}	18.2	X	18.42856	246.93098	166.71591	23.25019	0.0529097	0.37424170	1.9070757	21	—	—
527296 2007 TA_{374}	18.1	X	350.12447	214.37310	144.86750	4.80069	0.2614442	0.28033943	2.3121354	21	11 5.3	19.4
527297 2007 TG_{375}	17.3	X	43.49015	322.90284	48.15486	5.73769	0.0707762	0.22620987	2.6676470	21	—	—
527298 2007 TE_{376}	16.8	X	195.66777	47.45783	9.85239	6.46883	0.1982354	0.18519471	3.0482482	21	5 22.4	22.0
527299 2007 TD_{377}	18.0	X	4.01849	282.51022	52.36546	7.52798	0.2469008	0.28275215	2.2989636	21	10 27.5	19.5
527300 2007 TE_{381}	18.7	X	274.69317	262.43122	144.43980	1.80890	0.1833977	0.27262576	2.3555453	21	7 30.6	21.5
527301 2007 TA_{382}	17.0	X	208.33893	239.03556	151.04061	2.20144	0.1641178	0.18467722	3.0539400	21	5 3.5	22.0
527302 2007 TP_{382}	16.9	X	115.61854	70.20709	33.73668	5.50506	0.1362278	0.17693661	3.1423719	21	5 2.9	21.6
527303 2007 TT_{384}	15.8	X	235.53312	285.29096	70.76385	18.31329	0.1833506	0.18332858	3.0688991	21	4 22.6	21.0
527304 2007 TV_{384}	15.9	X	153.17424	64.46690	65.41003	27.44321	0.1839199	0.18566411	3.0431083	21	7 14.6	21.3
527305 2007 TG_{385}	18.0	X	30.28932	300.93655	25.80684	7.77157	0.2650770	0.28906583	2.2653652	21	12 2.3	20.7
527306 2007 TQ_{385}	16.2	X	245.06646	315.41401	9.65760	8.13446	0.2492372	0.18557202	3.0441150	21	3 15.1	21.4
527307 2007 TB_{388}	18.7	X	270.38034	303.45201	56.14541	2.20802	0.1937716	0.26735907	2.3863791	21	5 17.9	21.9
527308 2007 TM_{388}	16.4	X	296.08897	262.88039	21.50684	16.70606	0.0598931	0.18630753	3.0360979	21	4 7.8	20.5
527309 2007 TT_{389}	16.8	X	180.38949	220.83724	224.40860	7.75073	0.3005992	0.18552612	3.0446170	21	6 14.4	22.5
527310 2007 TW_{390}	16.8	X	161.37743	246.78607	178.71576	3.20527	0.2071042	0.18179876	3.0860913	21	5 6.8	21.9
527311 2007 TA_{394}	18.4	X	160.00055	88.40688	224.93543	3.43522	0.2269728	0.31222847	2.1518949	21	—	—
527312 2007 TF_{394}	17.2	X	99.80279	24.09512	78.86562	0.14049	0.1644995	0.17719320	3.1393376	21	4 17.8	21.5
527313 2007 TW_{396}	18.2	X	296.41309	104.67703	270.23177	2.83860	0.2059759	0.27256460	2.3558976	21	7 12.7	20.8
527314 2007 TT_{397}	17.8	X	189.55748	173.36228	259.82881	4.79236	0.2974312	0.18583182	3.0412771	21	6 6.3	23.2
527315 2007 TX_{399}	17.9	X	346.57439	324.69197	19.39485	6.22780	0.2503743	0.27829770	2.3234302	21	9 23.7	18.8
527316 2007 TE_{400}	16.4	X	172.79317	297.68444	67.72534	16.98063	0.2424122	0.17610437	3.1522643	21	3 17.2	22.1
527317 2007 TZ_{400}	16.5	X	218.58789	121.82095	226.55867	11.90390	0.2423655	0.17887152	3.1196695	21	3 17.9	22.0
527318 2007 TZ_{402}	17.8	X	136.81854	130.50019	167.83344	7.07344	0.3217956	0.23204660	2.6227239	21	—	—
527319 2007 TR_{403}	16.2	X	94.75855	96.30156	27.77373	9.80892	0.0382750	0.17860703	3.1227486	21	4 19.5	20.5
527320 2007 TV_{404}	17.0	X	198.65400	12.35052	19.42164	5.72977	0.1532460	0.18196965	3.0841589	21	4 25.8	22.1
527321 2007 TS_{405}	17.6	X	306.41534	307.26664	30.30256	3.63034	0.2134103	0.26815634	2.3816467	21	6 1.0	20.2
527322 2007 TR_{407}	18.0	X	294.74306	2.63830	27.98612	9.25530	0.2755903	0.27389696	2.3482513	21	7 24.5	20.7
527323 2007 TA_{410}	16.9	X	192.01821	132.39770	222.66770	15.90168	0.2453455	0.17776208	3.1326362	21	3 5.4	22.7
527324 2007 TR_{411}	18.1	X	261.22583	197.29359	193.93504	4.36127	0.1899609	0.26923824	2.3752622	21	6 20.0	21.4
527325 2007 TB_{413}	15.9	X	187.63408	148.36781	172.57495	28.86468	0.2570248	0.17452279	3.1712802	21	1 27.0	21.8
527326 2007 TE_{414}	18.2	X	305.91977	300.27030	57.11411	2.26905	0.2010688	0.27261309	2.3556183	21	7 3.7	20.6
527327 2007 TT_{414}	18.6	X	43.33667	231.12394	216.69402	20.28818	0.0824791	0.37744634	1.8962659	21	—	—
527328 2007 TK_{422}	9.3	X	128.13846	200.80374	65.34614	3.06661	0.1931579	0.01013557	21.1464448	21	11 12.9	23.1
527329 2007 TA_{423}	16.6	X	213.07551	146.23605	280.81938	8.94536	0.2428340	0.18882506	3.0090515	21	6 17.3	21.7
527330 2007 TB_{423}	16.9	X	182.82421	325.75591	42.12481	1.17845	0.1840631	0.17933653	3.1142744	21	3 17.0	21.9
527331 2007 TG_{423}	17.7	X	228.48575	236.50424	212.96362	5.84259	0.0665888	0.27196409	2.3593643	21	8 13.5	21.0
527332 2007 TN_{423}	18.3	X	262.26666	151.53140	213.28197	6.87141	0.2237804	0.26421803	2.4052547	21	5 13.3	21.9
527333 2007 TL_{424}	18.2	X	312.74339	289.03874	42.25344	1.41470	0.2155591	0.26925375	2.3751710	21	6 2.3	20.7
527334 2007 TN_{424}	17.9	X	326.67470	98.43045	216.46432	6.35836	0.1383272	0.26889637	2.3772750	21	6 16.6	20.2
527335 2007 TZ_{425}	18.7	X	253.72915	174.01425	240.76086	4.27768	0.2159440	0.26920479	2.3754589	21	7 9.8	22.1
527336 2007 TN_{426}	16.6	X	211.66056	116.52458	249.96651	9.98584	0.1737258	0.18154858	3.0889258	21	4 4.1	21.9
527337 2007 TY_{426}	16.7	X	225.73415	94.71661	21.21440	13.30582	0.0637527	0.20143345	2.8821394	21	9 17.0	20.9
527338 2007 TJ_{429}	17.8	X	275.18493	94.17022	68.26851	5.02126	0.0599809	0.29416302	2.2391198	21	—	—
527339 2007 TY_{429}	16.8	X	141.88380	66.50337	38.51430	16.39749	0.2431489	0.17898246	3.1183802	21	6 5.5	22.2
527340 2007 TD_{430}	18.3	X	278.71513	300.73084	104.41546	4.20412	0.1847714	0.27203975	2.3589268	21	8 3.6	21.2
527341 2007 TV_{434}	17.1	X	111.40980	228.97039	97.81313	12.97223	0.3559402	0.23214897	2.6219528	21	—	—
527342 2007 TD_{438}	17.3	X	153.15997	24.30386	59.85673	1.86556	0.1269412	0.18016887	3.1046755	21	5 16.9	22.0
527343 2007 TK_{438}	16.4	X	192.43083	10.89885	31.41679	10.33950	0.0709719	0.18538265	3.0461877	21	5 2.5	21.0
527344 2007 TW_{440}	16.7	X	149.39095	170.41891	234.36163	15.01034	0.2676111	0.17524397	3.1625737	21	4 2.6	22.3
527345 2007 TH_{441}	16.1	X	159.72487	176.00054	226.60890	14.56997	0.2107265	0.17790612	3.1309451	21	4 5.7	21.5
527346 2007 TU_{441}	16.2	X	164.80236	157.75949	226.00913	16.39109	0.2063138	0.17759989	3.1345431	21	3 16.8	21.7
527347 2007 TN_{442}	16.4	X	151.21696	49.28577	0.03909	14.83171	0.2120482	0.17709760	3.1404672	21	4 6.2	21.6
527348 2007 TG_{444}	17.8	X	304.49576	232.29072	205.64930	16.64137	0.2141157	0.28445071	2.2898025	21	11 12.9	19.4
527349 2007 TK_{444}	18.0	X	327.12362	125.46276	281.92605	5.39674	0.1726128	0.28426949	2.2907756	21	11 16.8	19.7
527350 2007 TK_{445}	16.5	X	125.85518	62.22590	15.87947	11.28110	0.2150304	0.17483625	3.1674885	21	4 19.6	21.5
527351 2007 TB_{447}	16.0	X	153.48430	17.35422	57.70958	23.02453	0.1733848	0.17977366	3.1092240	21	5 11.1	21.0
527352 2007 TF_{448}	17.1	X	215.16470	174.89140	189.37467	1.91577	0.1808484	0.18246331	3.0785935	21	4 7.8	22.1
527353 2007 TH_{448}	16.4	X	184.20757	177.58847	237.44833	10.15879	0.0815339	0.18279449	3.0748739	21	5 10.5	21.1
527354 2007 TO_{449}	18.2	X	275.05714	214.34192	132.06378	1.95319	0.2016652	0.26417208	2.4055337	21	5 5.5	21.7
527355 2007 TE_{450}	16.7	X	124.32635	233.55973	223.03626	9.18452	0.2050338	0.17898077	3.1183999	21	5 11.0	21.6
527356 2007 TO_{451}	17.9	X	264.39113	25.45006	18.58488	10.30069	0.1292316	0.26955726	2.3733877	21	7 24.5	21.2
527357 2007 TS_{452}	16.1	X	168.23246	340.27574	73.09552	10.33911	0.1548772	0.17934910	3.1141289	21	4 28.6	21.2
527358 2007 TH_{455}	17.2	X	240.09996	201.61774	297.78939	2.98945	0.0489388	0.20886415	2.8133695	21	10 31.2	21.2
527359 2007 TS_{455}	16.3	X	225.75334	336.66785	356.94502	10.74493	0.0515184	0.18035195	3.1025741	21	3 17.9	20.7
527360 2007 TC_{456}	16.9	X	229.29449	286.47676	198.14759	14.65591	0.1049784	0.20452298	2.8530407	21	9 21.2	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527361 2007 TG_{456}	18.1	X	175.34829	0.68785	230.45708	2.51674	0.1225792	0.29373395	2.2412998	21	12 18.7	21.2
527362 2007 TH_{456}	18.0	X	129.33973	296.92996	20.53264	4.84265	0.1953507	0.29965356	2.2116840	21	—	—
527363 2007 TJ_{456}	17.8	X	101.62315	193.45549	122.41373	5.17708	0.2093547	0.29481364	2.2358243	21	—	—
527364 2007 TK_{456}	18.0	X	105.41073	198.75862	100.94962	6.01367	0.1102107	0.29225089	2.2488759	21	—	—
527365 2007 TL_{456}	17.9	X	49.51064	1.85485	24.01745	6.40360	0.1291830	0.30029656	2.2085258	21	—	—
527366 2007 TN_{456}	17.0	X	169.22399	110.87283	278.61957	0.05625	0.1762872	0.18146251	3.0899024	21	3 29.9	22.0
527367 2007 TZ_{456}	17.0	X	282.13694	356.55896	42.62057	2.58986	0.0744445	0.20391871	2.8586742	21	8 15.3	20.7
527368 2007 TA_{457}	17.1	X	359.92990	338.65122	28.39262	2.68206	0.1019811	0.21452059	2.7636946	21	10 31.3	20.4
527369 2007 TH_{457}	16.9	X	207.61498	338.55123	50.39257	11.70007	0.0778585	0.18347093	3.0673114	21	5 4.1	21.6
527370 2007 TK_{457}	16.8	X	214.37056	320.35345	26.14019	9.20857	0.0859445	0.18238791	3.0794419	21	3 22.2	21.5
527371 2007 TL_{457}	17.0	X	209.29095	131.57997	296.90231	16.20478	0.3980017	0.18918700	3.0052125	21	6 11.7	22.9
527372 2007 TQ_{457}	16.8	X	176.95228	94.76084	46.59866	16.53299	0.1917297	0.19522670	2.9429072	21	8 26.6	22.1
527373 2007 TS_{457}	17.0	X	317.80484	41.03955	10.56078	6.18375	0.1124713	0.21234321	2.7825552	21	10 19.8	20.2
527374 2007 TX_{457}	16.5	X	218.68591	224.94504	185.71124	16.93701	0.1878137	0.19018126	2.9947293	21	6 5.7	21.7
527375 2007 TE_{458}	16.5	X	173.83198	297.83484	269.21893	8.65119	0.0465000	0.21026688	2.8008432	21	11 6.2	20.6
527376 2007 TG_{458}	17.1	X	296.03690	143.60975	204.81892	8.30737	0.0938611	0.19330434	2.9623860	21	6 23.1	21.2
527377 2007 TJ_{458}	17.9	X	67.67543	39.12116	224.03848	4.69943	0.1426404	0.28028268	2.3124475	21	10 4.9	20.7
527378 2007 TL_{458}	18.3	X	186.65152	245.36438	243.58351	5.98453	0.1435374	0.27014269	2.3699576	21	8 12.7	22.1
527379 2007 TP_{458}	16.7	X	349.49731	229.25511	192.83999	8.85397	0.0758101	0.21723646	2.7406121	21	12 25.1	20.2
527380 2007 TQ_{458}	17.7	X	60.90395	191.30511	156.39404	5.01210	0.1846594	0.29252744	2.2474583	21	—	—
527381 2007 TR_{458}	16.6	X	269.43847	164.79891	147.70808	6.05481	0.1137597	0.18132204	3.0914981	21	4 5.1	21.2
527382 2007 TS_{458}	17.2	X	254.89855	236.77409	200.56315	13.32659	0.1684931	0.19860615	2.9094278	21	8 10.9	21.8
527383 2007 TT_{458}	18.5	X	349.07710	0.12757	89.86929	5.21495	0.1006892	0.29363321	2.2418124	21	—	—
527384 2007 TU_{458}	18.3	X	266.00725	72.44863	37.68683	6.90533	0.1205299	0.28416025	2.2913627	21	10 30.1	20.8
527385 2007 TW_{458}	16.9	X	270.56046	49.24040	346.32700	1.43016	0.0713891	0.20071983	2.8889666	21	7 25.3	20.7
527386 2007 TC_{459}	17.1	X	312.15003	322.29652	121.79059	5.30756	0.0452492	0.21562561	2.7542445	21	11 29.7	20.7
527387 2007 TK_{459}	17.0	X	166.92833	46.54273	105.14808	7.58482	0.0611728	0.19813255	2.9140623	21	8 23.8	21.4
527388 2007 TM_{459}	16.9	X	258.96160	299.33874	98.33916	10.51194	0.0787242	0.19290527	2.9664702	21	7 11.7	21.1
527389 2007 UJ_{7}	15.7	X	179.44447	114.72789	244.13943	24.28036	0.3007370	0.17732131	3.1378253	21	2 25.1	21.8
527390 2007 UV_{7}	16.3	X	172.15870	126.49828	252.02999	19.59693	0.2302219	0.17702598	3.1413142	21	3 13.8	22.1
527391 2007 UH_{11}	17.7	X	271.80437	220.95342	130.68770	3.17272	0.2032949	0.26504242	2.4002647	21	5 9.0	21.0
527392 2007 UL_{13}	16.7	X	154.05103	76.57441	338.60388	14.94421	0.2622594	0.17748473	3.1358989	21	4 14.6	22.4
527393 2007 UF_{20}	16.6	X	99.54104	310.47751	203.54941	9.92626	0.0499595	0.18930026	3.0040137	21	6 4.7	20.9
527394 2007 UG_{20}	17.4	X	126.92271	241.36925	44.18247	5.48965	0.0419378	0.22236787	2.6982863	21	12 23.7	21.2
527395 2007 UB_{22}	18.5	X	132.01110	147.86764	177.95062	2.11511	0.1866888	0.30346872	2.1931084	21	—	—
527396 2007 UV_{28}	18.2	X	86.75666	165.78210	209.38722	3.42553	0.1783592	0.30069656	2.2065668	21	—	—
527397 2007 UV_{29}	18.1	X	271.64947	214.59410	187.09001	4.97723	0.1083207	0.27189499	2.3597640	21	7 29.9	21.0
527398 2007 UQ_{34}	17.3	X	311.26019	86.84262	247.49958	9.52664	0.2363382	0.27044534	2.3681891	21	5 31.6	19.7
527399 2007 UR_{34}	16.3	X	149.63808	170.93439	240.55200	16.35184	0.2284296	0.17475662	3.1684508	21	4 7.9	21.8
527400 2007 UF_{39}	18.5	X	28.40515	120.36141	215.68021	20.56339	0.0905959	0.35584667	1.9722446	21	11 29.9	20.6
527401 2007 UU_{43}	16.2	X	160.68667	334.38955	50.03801	11.74301	0.1356923	0.17484340	3.1674022	21	3 20.3	21.3
527402 2007 UV_{45}	16.8	X	205.64442	129.10645	249.42480	7.03190	0.1961716	0.18277147	3.0751321	21	4 14.2	22.1
527403 2007 UH_{46}	18.0	X	338.70008	168.83389	221.38604	10.63615	0.1699808	0.28262714	2.2996415	21	11 16.9	19.6
527404 2007 UE_{51}	18.3	X	262.06597	250.22179	122.18325	5.90288	0.2656264	0.26410189	2.4059599	21	5 19.8	22.1
527405 2007 UW_{53}	18.2	X	263.43169	2.03338	38.89336	7.54245	0.1344369	0.26836917	2.3803874	21	7 15.9	21.4
527406 2007 UX_{53}	18.4	X	316.63863	290.71973	37.17570	5.46314	0.2367967	0.26934809	2.3746163	21	5 30.4	20.7
527407 2007 UC_{54}	16.1	X	176.40238	347.75396	41.59892	10.41037	0.2134900	0.17769484	3.1334264	21	4 8.7	21.4
527408 2007 UF_{56}	17.8	X	89.41849	356.77753	29.94801	22.45632	0.0699741	0.37766304	1.8955405	21	—	—
527409 2007 UJ_{58}	17.9	X	332.30119	274.06391	53.09189	3.38492	0.1892493	0.27115275	2.3640684	21	7 12.5	19.8
527410 2007 UT_{61}	18.0	X	310.26536	340.50339	342.77590	1.98163	0.1927844	0.26887534	2.3773989	21	5 20.5	20.6
527411 2007 UZ_{61}	16.8	X	224.25980	263.95000	77.98678	2.43799	0.1909089	0.18131591	3.0915677	21	3 21.2	21.9
527412 2007 UJ_{62}	18.3	X	229.68995	65.10999	44.97196	6.17042	0.1517450	0.27208538	2.3586631	21	9 7.8	21.6
527413 2007 UU_{63}	16.8	X	207.51927	147.21266	215.37083	8.34442	0.0807524	0.18055409	3.1002580	21	3 30.8	21.6
527414 2007 UF_{65}	16.7	X	281.16468	24.42656	35.20897	8.38698	0.0624618	0.20194105	2.8773077	21	9 14.4	20.6
527415 2007 UD_{69}	16.6	X	176.82534	353.62909	42.14718	7.15896	0.0372211	0.17922902	3.1155197	21	4 9.7	21.1
527416 2007 UC_{73}	16.7	X	72.01225	109.44450	35.07040	17.23867	0.0716561	0.17843741	3.1247272	21	4 21.4	20.9
527417 2007 UQ_{75}	17.3	X	207.93456	71.93218	310.74991	1.13594	0.1919699	0.18332443	3.0689453	21	4 22.5	22.5
527418 2007 UL_{77}	17.6	X	241.96551	262.63168	125.34743	8.17422	0.2294090	0.26375074	2.4080948	21	5 24.9	21.6
527419 2007 UP_{83}	18.4	X	248.48009	192.53509	219.13363	2.61864	0.1861305	0.26666399	2.3905241	21	7 3.7	21.9
527420 2007 UK_{84}	18.3	X	316.41734	134.37559	214.71439	1.60319	0.2243870	0.27187401	2.3598854	21	7 6.3	20.1
527421 2007 UJ_{86}	16.6	X	206.31452	263.17731	95.73618	2.67378	0.1745420	0.17836353	3.1255900	21	3 26.8	21.9
527422 2007 US_{86}	17.0	X	170.39396	301.61001	106.93337	2.33081	0.1703709	0.17809035	3.1287855	21	4 23.3	22.2
527423 2007 UV_{86}	18.4	X	259.93313	4.22882	60.40576	6.91177	0.1169718	0.27037259	2.3686139	21	8 18.8	21.4
527424 2007 UT_{87}	18.3	X	237.85437	40.22350	37.82408	3.77624	0.1553166	0.26753445	2.3853361	21	8 2.0	21.7
527425 2007 UN_{88}	16.0	X	177.61031	20.45159	52.50573	11.44493	0.1747811	0.18224243	3.0810805	21	5 26.7	21.0
527426 2007 UY_{90}	18.4	X	321.52472	307.43465	30.89290	4.67145	0.1156736	0.26999502	2.3708216	21	7 18.5	20.8
527427 2007 UZ_{93}	16.1	X	196.44550	332.17953	38.81652	11.07771	0.1272618	0.17882110	3.1202558	21	4 3.4	21.1
527428 2007 UJ_{94}	17.1	X	169.85381	21.79535	34.86242	11.81261	0.1999579	0.18023325	3.1039361	21	5 1.6	22.3
527429 2007 UB_{95}	17.9	X	233.27445	306.52615	233.68036	5.75975	0.0719346	0.28937243	2.2637647	21	12 27.7	20.6
527430 2007 UK_{98}	16.4	X	69.34584	90.76846	53.87900	9.60853	0.0421587	0.17500769	3.1654197	21	4 16.4	20.7
527431 2007 UF_{102}	16.9	X	220.02708	277.38468	62.60410	8.83025	0.2252960	0.17776319	3.1326232	21	3 17.9	22.4
527432 2007 UA_{104}	17.0	X	184.03095	251.08091	139.30115	2.23726	0.2035947	0.17731206	3.1379344	21	4 14.1	22.4
527433 2007 UZ_{105}	16.8	X	274.51636	274.51367	40.25416	4.15550	0.1278788	0.18443695	3.0565917	21	4 10.3	21.2
527434 2007 UL_{106}	17.9	X	9.80244	305.33262	36.56852	6.45339	0.1742959	0.28067652	2.3102838	21	11 4.7	19.8
527435 2007 UB_{108}	18.6	X	277.16194	28.78377	14.76519	2.59183	0.1754179	0.27335281	2.3513667	21	7 31.9	21.4
527436 2007 UD_{114}	17.9	X	234.09575	56.27368	35.06548	10.10020	0.0629518	0.27059049	2.3673422	21	9 1.0	21.1
527437 2007 UO_{114}	16.1	X	104.44451	267.68348	250.33848	6.94370	0.1268880	0.18353194	3.0666317	21	6 25.8	20.5
527438 2007 UR_{114}	18.4	X	275.29847	149.58650	250.20722	4.34482	0.2038094	0.27034977	2.3687472	21	7 17.0	21.3
527439 2007 UW_{117}	18.3	X	285.83432	321.62945	57.21633	0.03579	0.2224731	0.27112156	2.3642497	21	6 29.3	21.1
527440 2007 UL_{119}	17.8	X	75.04126	282.23233	42.24695	2.54850	0.1276284	0.22168173	2.7038512	21	12 21.7	21.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527441 2007 UY_{119}	17.0	X	130.31712	254.09866	203.20624	8.56067	0.0908206	0.18248206	3.0783826	21	5 6.7	21.5
527442 2007 UR_{120}	18.5	X	267.22656	241.62260	177.15380	0.99830	0.1547297	0.27323109	2.3520649	21	8 10.9	21.4
527443 2007 UM_{126}	10.5	X	148.69371	104.14810	184.75119	41.74234	0.3405804	0.02138479	12.8548199	21	12 24.9	23.0
527444 2007 UA_{127}	18.0	X	277.36878	303.04985	71.02580	3.11399	0.1086152	0.26559054	2.3969611	21	6 29.4	20.9
527445 2007 UE_{127}	16.9	X	178.55859	316.13078	71.03786	11.48979	0.2349394	0.17614119	3.1518250	21	4 10.9	22.5
527446 2007 UU_{127}	18.3	X	227.59183	35.33511	81.03853	3.35247	0.1424581	0.27141222	2.3625615	21	9 13.5	21.5
527447 2007 UG_{128}	18.1	X	195.76213	288.33187	174.71892	4.35059	0.0831023	0.26415169	2.4056575	21	7 22.7	21.6
527448 2007 UJ_{128}	17.0	X	110.77465	21.75713	88.82292	2.23727	0.1552313	0.17476650	3.1683313	21	5 9.2	21.6
527449 2007 UO_{128}	18.8	X	267.14280	321.87999	101.26833	3.95461	0.1831020	0.27117488	2.3639398	21	8 13.7	21.8
527450 2007 UA_{134}	17.2	X	17.64566	49.40296	256.70791	19.33014	0.0262678	0.34543896	2.0116628	21	8 30.4	19.9
527451 2007 US_{134}	17.1	X	171.52753	4.67526	19.28445	6.45389	0.1441604	0.17819585	3.1275505	21	3 25.3	22.2
527452 2007 UF_{135}	17.7	X	221.34814	332.89174	97.25232	0.66767	0.2164486	0.19298106	2.9656935	21	6 28.9	22.6
527453 2007 UN_{135}	18.7	X	269.19734	257.68364	162.74751	0.46713	0.1781415	0.27326474	2.3518718	21	8 12.4	21.6
527454 2007 UZ_{137}	18.7	X	285.77226	80.08143	356.00659	4.14769	0.2062264	0.27692393	2.3311080	21	9 26.5	20.8
527455 2007 UK_{143}	16.1	X	108.97539	234.57066	203.13886	14.40151	0.1165221	0.17252354	3.1957329	21	3 20.6	20.7
527456 2007 UO_{143}	16.3	X	202.91686	168.37952	223.02488	9.64796	0.1146848	0.18537876	3.0462303	21	4 30.3	21.0
527457 2007 UQ_{143}	18.3	X	282.46032	309.72350	169.07064	9.10198	0.1857302	0.28394536	2.2925186	21	12 2.7	20.4
527458 2007 UR_{143}	16.4	X	236.06376	147.12155	255.53642	9.71715	0.1042137	0.18933334	3.0036638	21	6 17.9	20.8
527459 2007 UV_{143}	16.8	X	92.90493	62.27147	236.14603	11.12369	0.1792639	0.21479043	2.7613795	21	12 12.0	21.1
527460 2007 UY_{143}	15.2	X	184.82653	246.88402	89.87857	27.06682	0.2871979	0.17284306	3.1917932	21	2 20.6	21.3
527461 2007 UG_{144}	18.1	X	184.30693	285.64902	213.39958	3.57865	0.1398803	0.27173324	2.3607004	21	8 25.1	21.6
527462 2007 UH_{144}	17.9	X	118.28609	277.19407	21.44352	5.31002	0.2841658	0.22851119	2.6497063	21	—	—
527463 2007 UK_{144}	18.2	X	276.26566	348.06078	19.75598	3.63650	0.1393100	0.26814584	2.3817088	21	6 13.3	21.3
527464 2007 UN_{144}	16.3	X	122.46947	196.89960	107.22943	10.79366	0.2278250	0.22742360	2.6581472	21	—	—
527465 2007 UO_{144}	16.5	X	200.95925	177.79450	270.79469	9.68811	0.1093706	0.18351928	3.0667727	21	7 7.7	21.2
527466 2007 UR_{144}	17.3	X	242.64892	260.89797	148.52753	8.15172	0.1956153	0.19329790	2.9624518	21	6 24.6	22.2
527467 2007 UA_{145}	18.3	X	307.81746	349.02624	352.75033	3.61859	0.2133955	0.26838289	2.3803062	21	6 9.9	20.8
527468 2007 UD_{145}	16.9	X	66.11301	322.81766	10.31444	4.23127	0.0787563	0.21481955	2.7611299	21	12 14.7	20.7
527469 2007 UF_{145}	15.7	X	307.44012	353.53382	249.16332	17.64988	0.0389173	0.17078690	3.2173601	21	2 25.3	20.6
527470 2007 UH_{145}	16.3	X	230.55682	298.56465	32.77112	12.83564	0.1495355	0.17662063	3.1461186	21	3 20.0	21.4
527471 2007 UK_{145}	16.7	X	95.71894	242.99312	74.20539	17.77354	0.2515471	0.22145663	2.7056831	21	—	—
527472 2007 UL_{145}	16.2	X	284.75434	231.76935	101.79908	12.05113	0.1315201	0.18740477	3.0242356	21	5 18.0	20.6
527473 2007 UM_{145}	17.9	X	15.78528	8.11805	55.04092	7.46885	0.0841323	0.29637232	2.2279783	21	—	—
527474 2007 UR_{145}	17.4	X	311.29468	115.08785	238.33408	0.90188	0.1007893	0.19778396	2.9174853	21	7 21.7	21.1
527475 2007 UT_{145}	17.2	X	62.82881	89.59244	222.70390	3.55313	0.0610775	0.21214322	2.7843038	21	11 12.3	20.8
527476 2007 UW_{145}	16.6	X	186.47036	158.54897	249.52796	3.88853	0.1295435	0.18128326	3.0919389	21	5 4.5	21.6
527477 2007 VA	17.0	X	196.40994	327.56780	17.54120	3.52684	0.2581098	0.17705872	3.1409269	21	3 3.3	22.6
527478 2007 VN_{1}	16.3	X	195.18180	113.89024	230.83176	16.54213	0.1833761	0.17783201	3.1318150	21	2 21.9	21.9
527479 2007 VH_{6}	15.4	X	222.65499	253.60080	93.09159	27.11898	0.2496357	0.17125499	3.2114949	21	4 6.0	21.5
527480 2007 VU_{13}	16.7	X	138.35464	53.52978	43.15511	10.30727	0.0950788	0.18234949	3.0798745	21	5 13.6	21.4
527481 2007 VA_{15}	16.6	X	83.96520	272.36192	64.95604	13.69562	0.1984568	0.22265711	2.6959490	21	—	—
527482 2007 VN_{15}	16.6	X	186.82083	137.78586	262.24184	5.77649	0.2333691	0.17893735	3.1189043	21	4 25.2	22.1
527483 2007 VO_{18}	16.6	X	111.05582	54.92551	52.64317	6.93011	0.0410334	0.17934769	3.1141452	21	4 21.1	21.0
527484 2007 VB_{19}	18.1	X	238.11674	31.67066	70.90001	2.63495	0.0222718	0.27598227	2.3364075	21	9 25.1	20.8
527485 2007 VL_{19}	17.6	X	285.90476	325.97844	119.85990	1.59816	0.0383825	0.21009795	2.8023444	21	10 26.1	21.2
527486 2007 VC_{25}	17.9	X	321.65598	298.33392	80.56679	9.87049	0.2332710	0.27682180	2.3316813	21	9 17.2	19.6
527487 2007 VT_{30}	16.8	X	231.01748	51.27489	308.80119	4.60679	0.1179275	0.18420576	3.0591487	21	4 17.8	21.6
527488 2007 VF_{32}	17.5	X	302.29188	290.51894	30.64604	14.67203	0.2481175	0.26590378	2.3950783	21	4 25.9	20.7
527489 2007 VK_{32}	17.3	X	356.16000	107.18872	272.72662	4.94056	0.0561959	0.21190829	2.7863612	21	11 6.6	20.8
527490 2007 VO_{32}	16.0	X	259.03890	282.63111	12.81885	9.27012	0.0642242	0.17643385	3.1483387	21	3 10.5	20.6
527491 2007 VU_{32}	18.7	X	324.76741	68.72729	354.49019	3.09745	0.1872855	0.28434080	2.2903926	21	12 9.1	20.3
527492 2007 VK_{41}	17.0	X	77.33512	228.24057	52.79465	5.29310	0.0746443	0.20848757	2.8167563	21	10 24.1	20.8
527493 2007 VF_{44}	16.4	X	203.81068	6.05361	14.73658	10.45550	0.1174348	0.18101710	3.0949690	21	4 17.3	21.2
527494 2007 VL_{44}	16.7	X	177.20373	165.53966	237.98325	20.48373	0.2543903	0.17963820	3.1107868	21	4 22.1	22.3
527495 2007 VB_{45}	16.7	X	152.05094	36.64977	10.57062	8.93922	0.0872660	0.17523336	3.1627014	21	3 29.7	21.4
527496 2007 VG_{45}	16.4	X	211.21509	334.16125	16.25852	10.15815	0.1940941	0.17936522	3.1139422	21	3 21.1	21.6
527497 2007 VO_{45}	17.9	X	166.34711	156.38671	6.55253	6.64982	0.0750415	0.27149799	2.3620639	21	9 10.9	21.2
527498 2007 VR_{45}	18.3	X	275.19057	70.76530	285.45954	4.79085	0.1356965	0.26404529	2.4063037	21	5 26.9	21.4
527499 2007 VG_{48}	16.9	X	186.21611	89.23349	256.86219	10.80437	0.1605964	0.17198029	3.2024592	21	2 17.9	22.3
527500 2007 VX_{48}	16.3	X	248.94258	291.10915	29.41203	11.95528	0.1141657	0.17847472	3.1242917	21	3 25.7	21.2
527501 2007 VM_{51}	16.6	X	204.23330	82.69504	259.50509	6.76100	0.2456113	0.17677560	3.1442796	21	3 1.3	22.2
527502 2007 VS_{52}	18.7	X	250.32805	181.75689	206.81692	5.43717	0.2027396	0.26374271	2.4081437	21	6 3.6	22.4
527503 2007 VN_{53}	17.6	X	218.03665	277.97551	124.59815	3.27047	0.2490630	0.18688455	3.0298453	21	5 23.3	22.9
527504 2007 VB_{57}	18.2	X	348.32712	32.39097	56.01490	22.21382	0.1032374	0.36465532	1.9403542	21	—	—
527505 2007 VC_{60}	16.7	X	174.64184	112.54204	256.65401	8.78257	0.3026026	0.17598866	3.1536458	21	3 11.6	22.5
527506 2007 VW_{64}	16.2	X	210.63283	98.71435	250.26654	14.84191	0.2588388	0.17665057	3.1457631	21	3 9.9	22.0
527507 2007 VQ_{66}	18.1	X	97.26606	40.14151	291.01666	2.79794	0.1589307	0.29481882	2.2357981	21	—	—
527508 2007 VJ_{67}	17.0	X	180.54656	343.90098	51.93400	1.43887	0.1759679	0.18179129	3.0861759	21	4 16.2	21.9
527509 2007 VO_{71}	18.4	X	172.52881	313.76150	47.60429	21.84840	0.0381004	0.38761267	1.8629623	21	1 12.8	20.7
527510 2007 VS_{71}	18.2	X	145.43612	320.51847	43.34542	23.73918	0.0560180	0.38274511	1.8787239	21	—	—
527511 2007 VV_{74}	16.7	X	184.12473	210.56319	160.95706	1.74501	0.0940225	0.17563151	3.1579197	21	3 20.3	21.5
527512 2007 VC_{75}	17.1	X	131.47127	251.80645	217.00822	6.42349	0.1927408	0.17943856	3.1130937	21	5 31.6	22.1
527513 2007 VB_{78}	18.8	X	253.06844	3.06189	68.43464	2.31675	0.1614147	0.27019929	2.3696266	21	8 10.1	21.9
527514 2007 VD_{78}	18.9	X	224.18272	27.60112	70.43956	3.34833	0.1474265	0.26851384	2.3795323	21	8 14.6	22.2
527515 2007 VO_{82}	17.2	X	289.77481	7.37228	74.27984	1.59049	0.0397633	0.20869680	2.8148733	21	10 25.4	20.8
527516 2007 VU_{82}	18.1	X	226.59170	20.23181	54.25383	7.66605	0.1321911	0.26589896	2.3951072	21	7 17.7	21.6
527517 2007 VV_{86}	18.1	X	320.14236	71.54330	302.60626	3.67312	0.2376767	0.27693329	2.3310555	21	8 25.1	19.4
527518 2007 VW_{87}	16.1	X	222.90487	73.44782	285.19841	6.44302	0.2958695	0.18355936	3.0663262	21	3 31.2	21.7
527519 2007 VZ_{88}	17.0	X	154.37265	89.47602	337.30883	6.98409	0.4484351	0.17635013	3.1493350	21	5 10.1	23.2
527520 2007 VK_{90}	18.2	X	283.70510	342.19275	87.45554	4.14477	0.2010404	0.27512729	2.3412454	21	9 16.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527521 2007 VU_{90}	16.3	X	145.63460	227.61744	204.14450	8.98753	0.2241633	0.17577345	3.1562195	21	5 2.5	21.5
527522 2007 VO_{96}	16.4	X	224.31919	67.31684	269.80485	7.74565	0.0646366	0.17616817	3.1515032	21	3 16.3	21.4
527523 2007 VY_{96}	17.6	X	21.87184	358.96329	354.59075	4.56106	0.1289665	0.21163034	2.7888004	21	11 18.3	21.1
527524 2007 VB_{109}	17.4	X	144.60525	16.72066	53.43795	2.05001	0.1507849	0.17552563	3.1591896	21	4 23.9	22.4
527525 2007 VV_{111}	17.3	X	359.75642	151.26741	220.94575	0.87827	0.0875655	0.20880321	2.8139169	21	11 4.9	20.6
527526 2007 VP_{114}	16.5	X	133.86599	44.36922	77.98141	10.31109	0.1164615	0.18053829	3.1004388	21	6 12.4	21.3
527527 2007 VJ_{118}	16.0	X	179.88678	330.54333	51.22984	18.55552	0.2179964	0.17785926	3.1314950	21	4 7.7	21.5
527528 2007 VR_{118}	16.7	X	134.75264	198.52200	228.08220	9.51012	0.0857110	0.17216249	3.2001993	21	4 1.1	21.5
527529 2007 VD_{120}	16.9	X	166.43945	345.08723	57.49052	4.32785	0.1732755	0.18017217	3.1046376	21	4 13.1	22.0
527530 2007 VV_{126}	17.5	X	338.80833	329.61557	24.61962	6.07854	0.2576205	0.27715494	2.3298125	21	9 18.0	18.4
527531 2007 VP_{127}	16.9	X	216.73689	331.93124	3.33339	6.32336	0.1850085	0.18217968	3.0817880	21	3 7.3	21.9
527532 2007 VK_{132}	17.2	X	96.89179	219.54368	7.55957	1.86382	0.0329714	0.20118069	2.8845530	21	9 2.4	21.3
527533 2007 VC_{134}	16.2	X	49.65648	314.25516	229.16975	18.64516	0.1659772	0.17991478	3.1075979	21	5 21.0	19.9
527534 2007 VP_{134}	18.5	X	88.14498	89.88487	219.50508	19.03505	0.1096723	0.36452803	1.9408059	21	—	—
527535 2007 VO_{138}	18.1	X	301.57526	221.01599	109.60072	3.47615	0.2048183	0.26585504	2.3953710	21	5 17.5	20.8
527536 2007 VB_{140}	18.4	X	185.69397	33.56837	101.98601	2.57509	0.1156469	0.26612366	2.3937588	21	8 24.9	21.8
527537 2007 VN_{142}	17.9	X	342.07982	331.71377	71.24022	6.63792	0.1388336	0.28349488	2.2949465	21	12 10.5	19.9
527538 2007 VX_{143}	17.1	X	210.73428	234.51018	214.53336	5.69617	0.2575772	0.18976703	2.9990857	21	7 10.2	22.4
527539 2007 VX_{144}	16.3	X	215.90468	247.84154	100.30730	4.30874	0.1877223	0.17729332	3.1381556	21	3 22.9	21.6
527540 2007 VN_{146}	16.8	X	155.05346	18.79650	43.49956	10.16741	0.0966115	0.17504272	3.1649974	21	4 21.8	21.6
527541 2007 VW_{146}	18.5	X	223.96626	310.84777	135.32616	2.09582	0.1456293	0.26461819	2.4028293	21	7 27.9	21.9
527542 2007 VH_{149}	18.4	X	255.28796	267.23577	152.94466	2.82407	0.2099781	0.26932697	2.3747405	21	7 19.9	21.7
527543 2007 VU_{149}	16.4	X	93.68458	241.96217	229.40491	15.71932	0.0492495	0.17607816	3.1525772	21	3 31.8	21.0
527544 2007 VS_{152}	18.3	X	266.84277	33.89425	81.22714	9.07288	0.1895364	0.27880628	2.3206039	21	10 29.8	20.9
527545 2007 VV_{154}	16.4	X	137.91171	170.09729	260.25753	8.57059	0.1035537	0.17502964	3.1651550	21	4 9.7	21.3
527546 2007 VF_{156}	18.8	X	250.98269	167.06001	302.06207	2.33747	0.1806406	0.27501601	2.3418769	21	9 24.2	21.6
527547 2007 VJ_{156}	16.8	X	136.63327	64.13591	37.33542	9.45425	0.1321369	0.17924479	3.1153369	21	5 20.7	21.6
527548 2007 VO_{156}	16.8	X	118.53550	217.71970	31.07017	13.14357	0.0638629	0.21358513	2.7717584	21	10 29.2	20.8
527549 2007 VA_{158}	18.2	X	310.60984	335.25515	103.81470	3.36342	0.1689994	0.28255410	2.3000378	21	12 1.5	20.0
527550 2007 VL_{158}	16.4	X	176.54151	284.50075	72.95991	11.80486	0.1702592	0.17152106	3.2081728	21	3 5.5	21.8
527551 2007 VW_{159}	17.0	X	188.45043	212.36365	195.35283	7.44674	0.0630371	0.18109127	3.0941239	21	5 7.3	21.6
527552 2007 VE_{163}	16.5	X	154.47660	192.66507	254.45397	6.96657	0.1866858	0.17906141	3.1174635	21	5 25.0	21.7
527553 2007 VO_{164}	16.1	X	150.17093	38.75404	61.75817	28.48249	0.1786367	0.17975547	3.1094338	21	6 3.3	21.3
527554 2007 VU_{165}	15.9	X	88.41165	283.75641	240.42015	22.30282	0.3109275	0.17455885	3.1708434	21	7 4.8	21.1
527555 2007 VA_{173}	16.5	X	101.16021	58.39012	48.94803	10.28712	0.0655127	0.17597232	3.1538411	21	4 13.8	21.0
527556 2007 VB_{180}	16.3	X	58.38520	240.89130	53.10380	13.79715	0.1875127	0.21062988	2.7976243	21	11 3.3	20.1
527557 2007 VP_{183}	17.9	X	351.62354	297.18234	121.45065	4.37658	0.2038190	0.28737441	2.2742454	21	—	—
527558 2007 VJ_{186}	18.4	X	113.76815	337.53405	67.41727	23.43508	0.1211873	0.38402242	1.8745556	21	—	—
527559 2007 VZ_{186}	17.0	X	170.53045	185.42130	238.68903	2.39653	0.0560218	0.18399709	3.0614611	21	5 6.2	21.3
527560 2007 VY_{190}	17.9	X	38.45026	47.93181	80.04302	23.72442	0.0794100	0.38277978	1.8786104	21	—	—
527561 2007 VY_{192}	16.5	X	312.05051	114.09793	274.99404	10.35411	0.1061167	0.19504617	2.9447229	21	9 3.1	20.3
527562 2007 VZ_{194}	16.5	X	287.38707	317.80074	78.72801	3.22035	0.1650218	0.19212502	2.9744963	21	8 4.3	20.3
527563 2007 VA_{196}	17.1	X	241.02171	81.50008	328.40381	1.27960	0.1073335	0.19441604	2.9510823	21	7 2.5	21.5
527564 2007 VC_{204}	16.4	X	228.75858	241.60229	76.18373	11.87990	0.1681593	0.17503697	3.1650667	21	3 2.9	21.8
527565 2007 VO_{210}	18.2	X	296.45063	340.09664	357.05829	1.13784	0.2054054	0.26849603	2.3796375	21	5 17.8	20.9
527566 2007 VX_{210}	16.3	X	165.86517	119.36793	261.17955	6.91167	0.0481816	0.17230969	3.1983764	21	3 6.4	21.2
527567 2007 VC_{214}	16.4	X	175.41565	325.01449	79.56253	11.29878	0.0681250	0.17789283	3.1311011	21	4 23.2	21.2
527568 2007 VT_{214}	17.0	X	198.31018	252.98352	219.12358	14.84367	0.1297717	0.19229835	2.9727087	21	7 29.4	22.0
527569 2007 VX_{217}	16.4	X	297.44100	274.40743	67.28183	10.19049	0.0808626	0.18953278	3.0015563	21	6 18.1	20.4
527570 2007 VZ_{217}	16.6	X	67.92853	106.11337	74.00828	10.81497	0.1632574	0.17741020	3.1367771	21	6 13.2	20.8
527571 2007 VS_{220}	18.2	X	307.58628	316.53776	92.06511	3.57401	0.1725291	0.27544668	2.3394352	21	10 5.5	20.1
527572 2007 VS_{225}	16.9	X	127.19295	218.70873	221.79423	7.20268	0.1090166	0.17595072	3.1540993	21	4 13.3	21.6
527573 2007 VV_{226}	18.6	X	9.50923	239.52792	229.29046	20.60423	0.0816618	0.37305375	1.9111221	21	—	—
527574 2007 VV_{229}	16.4	X	87.15811	86.53508	49.08724	9.98570	0.1501321	0.17495973	3.1659981	21	5 11.1	20.7
527575 2007 VB_{230}	18.3	X	282.50976	231.57368	232.87449	4.47559	0.1562851	0.28110464	2.3079375	21	11 12.5	20.1
527576 2007 VS_{230}	18.6	X	265.14971	47.72279	325.59988	0.26060	0.1919938	0.26435715	2.4044108	21	5 30.9	21.9
527577 2007 VZ_{231}	18.3	X	312.34233	97.12160	239.13590	3.12424	0.2506478	0.26832871	2.3806266	21	6 3.0	20.8
527578 2007 VB_{233}	18.5	X	294.48899	308.72321	61.02608	3.68834	0.1704428	0.26864093	2.3787817	21	7 8.7	21.1
527579 2007 VZ_{234}	17.4	X	198.32029	195.74728	191.35914	1.49044	0.1703904	0.17930142	3.1146809	21	4 20.9	22.5
527580 2007 VW_{236}	18.3	X	255.44762	274.33527	228.86584	5.24948	0.0939994	0.28435090	2.2903383	21	12 4.5	20.7
527581 2007 VC_{237}	18.7	X	277.79132	165.09995	231.84832	0.58276	0.1873470	0.27039832	2.3684636	21	7 19.9	21.5
527582 2007 VB_{238}	18.3	X	322.96436	241.92853	91.73136	3.33530	0.2234217	0.27205097	2.3588620	21	6 25.3	19.9
527583 2007 VS_{239}	18.2	X	287.71679	129.39110	234.93897	5.76507	0.1340481	0.26511176	2.3998461	21	6 25.6	21.0
527584 2007 VW_{242}	17.3	X	61.96381	146.09091	184.54875	5.23624	0.1216262	0.21730310	2.7400517	21	12 13.5	21.2
527585 2007 VZ_{245}	17.0	X	210.15428	33.25683	30.17513	17.36412	0.1542039	0.19168747	2.9790210	21	6 11.2	22.1
527586 2007 VE_{260}	15.9	X	221.80974	268.46106	72.64830	17.07187	0.2473479	0.18077898	3.0976863	21	3 24.4	21.6
527587 2007 VR_{260}	17.9	X	333.28736	129.36683	262.45015	5.96413	0.1950306	0.28128899	2.3069290	21	11 5.3	19.4
527588 2007 VY_{260}	16.6	X	133.45439	172.72597	272.47766	7.09892	0.0575936	0.17725804	3.1385719	21	4 18.3	21.2
527589 2007 VD_{261}	16.2	X	73.39059	266.23190	246.94087	19.69833	0.1459721	0.17588820	3.1548465	21	5 14.0	20.5
527590 2007 VD_{269}	16.8	X	187.15099	282.63081	124.42446	3.87248	0.2987425	0.18036551	3.1024186	21	5 6.9	22.4
527591 2007 VH_{269}	16.2	X	176.18033	287.66182	55.25026	14.32497	0.2804181	0.17239778	3.1972869	21	2 21.5	22.1
527592 2007 VK_{277}	18.7	X	339.72352	15.01074	23.85838	5.52073	0.1873315	0.28394880	2.2925001	21	12 3.8	20.4
527593 2007 VJ_{278}	16.2	X	173.84358	343.55560	65.27673	10.70607	0.0535485	0.17871801	3.1214556	21	4 24.6	20.9
527594 2007 VX_{280}	17.2	X	60.27124	268.50767	37.01748	2.50654	0.0559843	0.20726572	2.8278154	21	10 29.9	21.1
527595 2007 VR_{284}	18.2	X	309.06250	285.34527	70.27714	3.26389	0.2180266	0.26998729	2.3708669	21	7 3.6	20.6
527596 2007 VW_{284}	17.3	X	205.42595	250.52063	165.50452	0.66894	0.1713658	0.18481089	3.0524673	21	5 31.4	22.3
527597 2007 VR_{286}	16.3	X	185.45063	194.62600	251.80519	15.86594	0.3050626	0.18325108	3.0697642	21	6 18.6	21.9
527598 2007 VT_{287}	16.4	X	273.25587	19.53189	272.50998	8.21110	0.0472446	0.17433991	3.1734976	21	3 18.3	21.1
527599 2007 VK_{290}	17.2	X	214.63002	336.14592	69.16254	6.82482	0.1284181	0.18420847	3.0591186	21	5 28.5	21.9
527600 2007 VD_{297}	16.5	X	185.79258	336.13745	68.22042	15.38549	0.2997874	0.18304011	3.0721226	21	5 4.9	22.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527601 2007 VY_{297}	18.2	X	317.68524	235.51352	142.03906	8.37657	0.2865549	0.27747680	2.3280105	21	8 17.1	19.3
527602 2007 VF_{298}	16.3	X	167.59914	289.83977	113.35911	16.43406	0.2234593	0.17777153	3.1325252	21	4 23.1	21.9
527603 2007 VJ_{305}	6.9	X	1.98946	338.29513	24.35332	11.96635	0.8234524	0.00035067	199.1605808	21	10 29.8	22.7
527604 2007 VL_{305}	8.1	X	20.79920	214.86441	188.51628	28.09542	0.0640543	0.00599039	30.0261353	21	12 1.1	22.7
527605 2007 VY_{305}	16.1	X	162.90507	125.39320	249.34957	11.39190	0.1288528	0.16915485	3.2380216	21	2 28.5	21.4
527606 2007 VU_{306}	18.0	X	16.53977	94.75526	258.26171	1.95512	0.2596356	0.28336524	2.2956464	21	12 18.5	20.4
527607 2007 VL_{309}	17.3	X	151.46445	345.91845	279.99240	18.75965	0.0367956	0.35353496	1.9808327	21	—	—
527608 2007 VT_{311}	16.0	X	71.97332	251.17410	256.73783	11.38605	0.0713919	0.17456314	3.1707915	21	4 22.3	20.5
527609 2007 VB_{312}	16.7	X	166.54756	109.23445	284.03825	0.45297	0.1330764	0.17288839	3.1912353	21	3 30.4	21.7
527610 2007 VK_{312}	17.0	X	225.97767	142.54492	271.64627	3.37673	0.1499376	0.18837506	3.0138418	21	6 18.1	21.7
527611 2007 VU_{313}	18.0	X	229.33643	296.12933	110.39159	7.45352	0.2421006	0.25627432	2.4547051	21	6 4.8	22.2
527612 2007 VP_{315}	19.0	X	242.51340	174.32902	243.55377	1.25612	0.1803773	0.26572777	2.3961358	21	7 6.4	22.3
527613 2007 VG_{318}	16.9	X	149.81506	162.92691	276.88975	4.83002	0.1575061	0.17745444	3.1362557	21	5 9.5	21.9
527614 2007 VT_{319}	18.4	X	249.11478	259.90832	232.01204	7.48792	0.1440213	0.27934698	2.3176084	21	10 30.2	21.2
527615 2007 VU_{319}	16.8	X	219.52671	186.30709	234.81614	8.44456	0.1168926	0.18800216	3.0178257	21	6 22.2	21.5
527616 2007 VP_{320}	15.8	X	144.28618	266.57507	110.22017	11.31289	0.1578320	0.16000360	3.3603373	21	2 24.9	21.1
527617 2007 VX_{320}	18.1	X	290.82822	294.73832	101.47031	6.98843	0.2442357	0.27275285	2.3548135	21	7 29.9	20.6
527618 2007 VJ_{321}	15.8	X	148.82050	155.17888	258.71462	19.50736	0.1442572	0.17450214	3.1715303	21	3 31.6	21.1
527619 2007 VD_{322}	16.4	X	150.73051	282.42810	147.19743	13.79120	0.2904653	0.17651152	3.1474150	21	5 11.0	22.1
527620 2007 VX_{323}	18.0	X	326.34189	7.77442	24.48648	5.91334	0.1483430	0.27743222	2.3282599	21	10 20.3	19.9
527621 2007 VA_{328}	15.6	X	140.52433	163.43256	249.01007	26.88831	0.1704259	0.17307691	3.1889176	21	3 22.6	21.1
527622 2007 VD_{330}	18.6	X	278.25646	245.82236	122.75796	1.88736	0.2743738	0.26804658	2.3822968	21	5 28.9	21.8
527623 2007 VK_{331}	15.9	X	103.98083	279.77475	248.74385	23.14750	0.2977889	0.17837533	3.1254521	21	7 20.2	21.4
527624 2007 VN_{333}	16.6	X	142.44405	259.07573	281.04208	14.09323	0.3038569	0.18349915	3.0669970	21	9 1.6	22.4
527625 2007 VC_{338}	16.4	X	171.07771	296.81265	90.68667	12.58965	0.0630574	0.17321269	3.1872509	21	3 31.2	21.4
527626 2007 VE_{338}	15.7	X	168.75701	139.83004	285.81239	9.77539	0.0838740	0.18119617	3.0929296	21	5 4.9	20.6
527627 2007 VO_{338}	17.3	X	359.18825	347.70293	298.95659	5.26407	0.1156209	0.26543061	2.3979238	21	7 9.7	19.4
527628 2007 VX_{338}	16.7	X	205.79056	299.92561	70.66781	11.14131	0.0942127	0.17766288	3.1338023	21	4 13.9	21.7
527629 2007 VY_{338}	16.9	X	329.31405	311.75070	90.42223	11.00943	0.0802619	0.20593729	2.8399633	21	11 1.0	20.5
527630 2007 VD_{339}	16.8	X	94.94166	76.01738	73.14542	10.99035	0.1808898	0.17646233	3.1479998	21	6 10.8	21.4
527631 2007 VG_{339}	18.1	X	325.51803	182.80794	254.63420	8.60904	0.0551623	0.28543859	2.2845163	21	12 25.9	20.5
527632 2007 VL_{339}	16.6	X	172.90378	313.28749	75.27567	20.45383	0.1568452	0.17288916	3.1912258	21	4 11.6	22.1
527633 2007 VT_{339}	17.2	X	220.16502	113.27202	97.58907	7.23602	0.0842808	0.28389892	2.2927686	21	—	—
527634 2007 VV_{339}	17.7	X	30.42189	43.59553	285.52219	6.61116	0.1256703	0.28122411	2.3072838	21	11 10.8	20.4
527635 2007 VY_{339}	17.0	X	352.42877	128.40239	201.85252	1.78109	0.0603857	0.19992339	2.8966341	21	8 26.3	20.5
527636 2007 VA_{340}	19.0	X	314.64083	121.27439	227.40311	1.58119	0.2100496	0.27338605	2.3511760	21	7 4.6	21.2
527637 2007 VC_{340}	18.1	X	357.20770	318.36409	71.61706	25.61727	0.0563029	0.35770330	1.9654142	21	12 24.8	20.0
527638 2007 VF_{340}	18.4	X	258.23887	275.90028	132.00033	4.62383	0.2196899	0.26808524	2.3820678	21	7 5.5	21.6
527639 2007 VK_{340}	18.0	X	354.01395	89.49487	349.04093	6.95732	0.1238635	0.29278385	2.2461459	21	—	—
527640 2007 VS_{340}	16.7	X	219.52691	134.51659	270.65629	11.68447	0.2046519	0.18150776	3.0893889	21	5 28.6	21.9
527641 2007 VU_{340}	16.1	X	36.33549	135.52836	48.23543	28.11785	0.1967356	0.17526510	3.1623195	21	5 3.8	19.6
527642 2007 VZ_{340}	16.0	X	235.65800	304.27679	88.02292	11.20974	0.1033440	0.18050368	3.1008351	21	6 5.6	20.6
527643 2007 VH_{341}	15.9	X	161.51523	235.45161	284.75277	8.91533	0.1509287	0.18279290	3.0748918	21	8 23.5	21.1
527644 2007 VN_{341}	17.9	X	166.48884	262.42131	283.65189	7.60755	0.1446621	0.27419487	2.3465501	21	10 5.0	21.6
527645 2007 VQ_{341}	16.9	X	8.56246	358.56510	322.14695	5.87220	0.0608723	0.20091650	2.8870811	21	9 6.4	20.5
527646 2007 VT_{341}	16.4	X	285.50930	341.57952	82.83750	10.85287	0.1098137	0.19690066	2.9262040	21	9 21.8	20.4
527647 2007 VX_{341}	16.1	X	195.87915	155.33083	277.43723	15.00115	0.0866530	0.17839696	3.1251995	21	6 14.5	21.0
527648 2007 VY_{341}	16.0	X	31.52446	179.49471	110.17672	14.33783	0.0141460	0.18733516	3.0249848	21	8 28.9	20.3
527649 2007 VA_{342}	16.8	X	258.35530	275.38213	96.39647	7.97867	0.2728920	0.19054960	2.9908687	21	5 18.3	21.7
527650 2007 VC_{342}	17.0	X	273.62619	35.84007	354.84637	14.91315	0.1349624	0.19704160	2.9248085	21	7 17.1	21.3
527651 2007 VD_{342}	17.8	X	340.22183	296.24301	95.06606	24.77597	0.1045996	0.35247237	1.9848118	21	12 9.6	19.5
527652 2007 VF_{342}	16.4	X	189.37459	137.40820	284.60420	9.62341	0.0461039	0.18400741	3.0613466	21	5 23.9	21.0
527653 2007 WG	16.7	X	125.69714	115.22786	2.88946	9.41625	0.2067015	0.17895714	3.1186743	21	6 5.9	21.8
527654 2007 WA_{1}	16.0	X	209.88556	101.80288	245.51166	15.55351	0.1762379	0.17841459	3.1249937	21	3 8.4	21.5
527655 2007 WE_{2}	15.9	X	153.69805	178.11736	239.31080	14.80963	0.1850847	0.17537727	3.1609710	21	4 16.8	21.1
527656 2007 WZ_{5}	18.4	X	354.17282	201.48162	248.30870	18.46966	0.0949278	0.36625924	1.9346853	21	—	—
527657 2007 WC_{12}	16.3	X	174.67897	270.44100	115.48593	16.60959	0.2609403	0.17685967	3.1432832	21	4 9.6	22.1
527658 2007 WF_{18}	16.6	X	134.71100	231.44656	228.73313	10.31082	0.1159828	0.17717036	3.1396074	21	5 17.3	21.2
527659 2007 WQ_{22}	16.9	X	149.14762	66.77851	357.05489	5.00282	0.1517736	0.17664207	3.1458641	21	4 19.0	21.9
527660 2007 WB_{24}	18.3	X	270.96085	248.61757	116.03656	2.48997	0.2014330	0.26495261	2.4008070	21	5 25.2	21.8
527661 2007 WC_{27}	17.8	X	322.41220	110.35738	285.85405	3.98312	0.2083432	0.27764050	2.3270953	21	10 12.5	19.5
527662 2007 WJ_{27}	16.1	X	227.25025	326.29709	57.88029	12.01571	0.0894065	0.18233551	3.0800319	21	5 17.9	20.6
527663 2007 WS_{27}	17.8	X	151.18058	205.17215	285.73795	5.65851	0.0753737	0.25792133	2.4442439	21	7 9.1	21.1
527664 2007 WK_{30}	18.2	X	272.62581	335.28223	38.18109	6.89765	0.3009760	0.26695495	2.3887869	21	5 24.8	21.9
527665 2007 WJ_{37}	16.1	X	224.08178	91.30451	257.03784	24.55992	0.2319812	0.17926890	3.1150576	21	3 15.3	22.0
527666 2007 WZ_{37}	17.9	X	170.89437	89.05250	34.42742	6.88807	0.0868593	0.26088162	2.4257185	21	7 24.7	21.5
527667 2007 WN_{45}	16.3	X	183.12106	49.13836	336.63506	8.51613	0.0833979	0.17620089	3.1511131	21	4 1.6	21.2
527668 2007 WW_{52}	16.3	X	144.68365	161.47426	271.29951	14.25533	0.2682317	0.17560546	3.1582321	21	5 1.9	21.9
527669 2007 WD_{53}	18.7	X	306.82200	15.96142	26.87572	5.44234	0.1731721	0.27625372	2.3348768	21	9 23.9	20.5
527670 2007 WT_{53}	18.2	X	286.76224	221.58295	147.75099	4.34542	0.2824818	0.26932929	2.3747268	21	6 8.0	21.3
527671 2007 WF_{55}	19.1	X	246.08565	112.04368	280.53010	19.71569	0.5292634	0.26542812	2.3979388	21	5 10.2	24.3
527672 2007 WQ_{59}	17.8	X	87.16047	66.74190	285.13725	19.38051	0.0620330	0.36119260	1.9527358	21	—	—
527673 2007 WK_{62}	17.3	X	48.50931	137.89515	274.76520	20.89223	0.0576733	0.36544222	1.9375678	21	—	—
527674 2007 WU_{64}	18.0	X	216.01257	356.52395	38.92980	2.48902	0.2773739	0.18480175	3.0525678	21	5 11.5	23.4
527675 2007 WY_{64}	16.0	X	207.77810	345.53866	17.06726	12.45655	0.0991533	0.17871029	3.1215455	21	4 2.1	20.8
527676 2007 WH_{65}	16.2	X	216.84859	115.24405	264.12264	9.22913	0.0937050	0.17529598	3.1619481	21	4 28.9	21.1
527677 2007 WJ_{65}	16.5	X	99.55044	282.22176	276.88857	9.79473	0.0625075	0.18944772	3.0024546	21	8 1.0	20.9
527678 2007 WK_{65}	16.1	X	189.93374	250.44872	286.63135	9.08427	0.0364822	0.19316044	2.9638571	21	10 14.5	20.5
527679 2007 XJ	15.9	X	181.46154	331.44802	86.43362	12.91224	0.1392004	0.17939979	3.1135422	21	5 15.5	21.0
527680 2007 XS_{5}	16.6	X	144.30868	340.09389	94.18283	9.82747	0.2664102	0.17492638	3.1664005	21	5 9.3	22.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527681 2007 XF_{6}	16.5	X	157.01711	359.00551	90.85348	12.31006	0.2007126	0.17975164	3.1094780	21	6 1.6	21.7
527682 2007 XR_{8}	18.0	X	304.22873	34.05035	50.85546	2.95839	0.2286952	0.27849165	2.3223514	21	11 18.8	19.4
527683 2007 XR_{11}	16.7	X	153.81714	197.38966	246.46627	11.52347	0.2440930	0.17887946	3.1195772	21	5 23.5	22.1
527684 2007 XC_{12}	18.6	X	23.13492	156.24537	240.65796	5.98193	0.1071119	0.29105041	2.2550555	21	—	—
527685 2007 XH_{12}	16.6	X	154.38834	298.56284	117.16461	2.42699	0.1838808	0.17601436	3.1533389	21	4 18.8	21.7
527686 2007 XG_{13}	16.5	X	167.88804	298.81988	81.56439	11.25791	0.2560876	0.17412407	3.1761195	21	3 27.9	22.2
527687 2007 XE_{16}	16.9	X	139.80233	15.66341	62.72395	7.15073	0.2333672	0.17407025	3.1767742	21	5 6.4	22.1
527688 2007 XN_{30}	18.3	X	269.17970	229.20829	230.16185	4.89651	0.1052899	0.27626487	2.3348139	21	10 19.6	20.9
527689 2007 XK_{34}	16.2	X	189.73125	156.22541	257.53794	15.24091	0.1755774	0.18303817	3.0721443	21	5 13.9	21.4
527690 2007 XS_{42}	18.8	X	264.00068	95.71592	327.59779	1.54643	0.2055624	0.26878336	2.3779413	21	8 5.2	21.7
527691 2007 XH_{46}	16.0	X	136.70127	355.22147	91.31953	29.54176	0.2034613	0.17424177	3.1746891	21	5 20.0	21.5
527692 2007 XB_{47}	17.0	X	192.20212	332.30775	62.26625	10.67946	0.0787480	0.17835600	3.1256779	21	4 26.9	21.8
527693 2007 XP_{52}	17.5	X	265.34611	304.46101	88.91597	9.75247	0.2146833	0.26613558	2.3936873	21	6 24.5	20.9
527694 2007 XF_{55}	15.8	X	126.56885	39.22248	98.28263	11.56362	0.0304946	0.17828124	3.1265517	21	6 14.9	20.4
527695 2007 XL_{60}	16.9	X	160.05538	341.53265	74.46343	1.80078	0.2188880	0.17059424	3.2197820	21	4 25.4	22.4
527696 2007 XR_{60}	16.6	X	286.67698	256.96867	106.20604	11.66854	0.1452308	0.18677191	3.0310633	21	6 22.7	20.8
527697 2007 XS_{60}	16.0	X	27.89738	354.54264	312.33104	9.30782	0.0365686	0.19332947	2.9621292	21	9 10.7	20.1
527698 2007 XT_{60}	15.6	X	232.08248	99.79230	256.10157	22.15871	0.1119575	0.18169652	3.0872489	21	4 10.7	20.8
527699 2007 XY_{60}	18.2	X	281.76129	3.95230	108.18882	4.48606	0.1099970	0.27749904	2.3278861	21	11 29.1	20.6
527700 2007 XB_{61}	16.1	X	227.94505	67.53808	290.49116	10.83414	0.2130628	0.17537054	3.1610519	21	4 4.7	21.7
527701 2007 XD_{61}	16.8	X	247.64234	303.78400	89.53696	8.93066	0.0829739	0.18797664	3.0180988	21	6 21.7	21.2
527702 2007 XF_{61}	16.5	X	103.96070	226.34314	68.16575	13.12069	0.1665158	0.21597956	2.7512345	21	12 16.0	20.9
527703 2007 YH_{4}	16.8	X	123.91287	215.27076	264.95565	11.05079	0.2750932	0.17724699	3.1387024	21	6 14.2	22.1
527704 2007 YL_{5}	16.6	X	135.52169	28.96330	72.88113	17.49972	0.1730603	0.17606448	3.1527404	21	5 26.1	21.5
527705 2007 YD_{16}	18.4	X	191.11466	76.10212	52.74598	2.78638	0.0625144	0.26451332	2.4034643	21	8 25.0	21.6
527706 2007 YY_{27}	16.9	X	127.97726	251.46800	10.80715	6.11431	0.0258721	0.20259336	2.8711281	21	11 20.7	21.1
527707 2007 YF_{28}	18.1	X	257.65387	39.41188	92.44627	8.03340	0.2538950	0.27301134	2.3533269	21	10 27.8	21.0
527708 2007 YA_{33}	16.6	X	236.51814	129.45778	272.53986	13.34629	0.1767360	0.18786675	3.0192756	21	6 11.2	21.4
527709 2007 YH_{41}	15.5	X	202.37890	80.04428	294.48123	22.38545	0.4057896	0.17672361	3.1448964	21	3 26.7	22.0
527710 2007 YL_{44}	18.3	X	200.28720	94.68255	74.20014	2.40086	0.1323288	0.26772176	2.3842233	21	10 22.2	21.8
527711 2007 YX_{48}	16.2	X	197.14860	286.38771	104.53929	18.68014	0.2151708	0.17604791	3.1529383	21	5 2.2	21.9
527712 2007 YR_{52}	16.7	X	183.55072	121.92655	302.36264	17.30259	0.4302174	0.17988268	3.1079676	21	5 21.3	23.1
527713 2007 YR_{54}	16.5	X	156.72704	39.06406	78.21706	17.63513	0.1904057	0.17809440	3.1287381	21	7 2.2	21.8
527714 2007 YG_{55}	19.2	X	351.99838	46.50911	108.06246	22.98409	0.1549136	0.44264536	1.7051612	21	—	—
527715 2007 YQ_{56}	19.9	X	322.74061	273.05383	276.02195	26.45257	0.2880650	0.80872964	1.1409514	21	—	—
527716 2007 YG_{58}	16.8	X	229.19621	85.98347	21.63838	2.34184	0.1347373	0.19060915	2.9902458	21	8 29.3	21.3
527717 2007 YV_{58}	17.4	X	206.86606	5.08876	102.04738	10.70546	0.1959964	0.25993518	2.4316030	21	8 5.0	21.3
527718 2007 YZ_{61}	16.3	X	184.04755	127.79058	21.84890	18.18232	0.2456538	0.17959893	3.1112403	21	9 8.9	21.9
527719 2007 YZ_{62}	16.9	X	190.33554	5.29663	141.31496	6.84803	0.0717402	0.18829089	3.0147398	21	9 10.6	21.4
527720 2007 YM_{65}	18.3	X	197.16914	16.27970	83.34347	5.82207	0.1555431	0.25545939	2.4599227	21	7 17.9	22.1
527721 2007 YV_{65}	16.7	X	236.19308	276.34880	101.61009	18.70995	0.2384349	0.18139805	3.0906344	21	5 14.8	22.2
527722 2007 YX_{73}	16.2	X	159.14045	310.51701	125.49468	10.58623	0.1706181	0.17172810	3.2055937	21	5 18.7	21.6
527723 2007 YG_{74}	16.7	X	252.05122	88.59964	306.91792	11.09465	0.0750295	0.18060721	3.0996500	21	7 1.9	21.3
527724 2007 YS_{75}	16.5	X	122.76850	265.22365	277.95595	10.20430	0.0580616	0.18212871	3.0823629	21	8 7.1	21.1
527725 2007 YV_{75}	16.0	X	215.92590	312.53191	93.19080	9.07181	0.0963917	0.17501226	3.1653645	21	6 2.2	20.9
527726 2007 YW_{75}	16.0	X	271.37003	47.85860	322.50861	17.35265	0.1029314	0.18161966	3.0881198	21	6 19.8	20.7
527727 2007 YX_{75}	15.9	X	240.96341	72.41813	305.31151	15.16600	0.1350271	0.18127087	3.0920798	21	5 17.1	20.9
527728 2007 YB_{76}	17.0	X	201.63063	64.60054	12.50404	7.76997	0.1506449	0.18656680	3.0332845	21	6 23.2	22.0
527729 2007 YE_{76}	17.1	X	254.41022	82.72779	315.79152	9.43492	0.0885172	0.18646299	3.0344102	21	7 6.9	21.5
527730 2007 YK_{76}	17.6	X	114.60535	224.21836	57.79753	4.02361	0.1568500	0.27742725	2.3282877	21	12 20.0	21.3
527731 2007 YM_{76}	17.4	X	186.38990	119.48248	319.27192	7.01752	0.2206073	0.18022378	3.1040449	21	6 10.8	22.8
527732 2007 YR_{76}	16.6	X	216.70876	324.10954	137.39490	10.73378	0.0459472	0.18679539	3.0308093	21	8 15.6	20.8
527733 2007 YS_{76}	16.6	X	309.37815	303.47988	83.14922	7.73762	0.1253028	0.19206243	2.9751425	21	9 2.7	20.4
527734 2007 YT_{76}	18.1	X	264.71791	87.59295	26.13924	2.98603	0.1447880	0.27148280	2.3621520	21	10 26.7	20.6
527735 2007 YW_{76}	18.1	X	22.60622	104.91907	257.61382	18.26720	0.0869018	0.35597590	1.9717673	21	12 28.5	20.1
527736 2007 YY_{76}	16.6	X	254.55765	296.64718	104.20172	13.66374	0.2049474	0.19154842	2.9804626	21	6 24.9	21.3
527737 2007 YG_{77}	16.8	X	252.64599	304.49332	92.12146	10.23561	0.1122051	0.18500451	3.0503371	21	6 28.1	21.2
527738 2007 YK_{77}	16.1	X	244.70078	73.89091	301.09403	8.31215	0.1340230	0.17654267	3.1470448	21	5 19.5	21.0
527739 2007 YR_{77}	17.8	X	199.37280	89.37026	99.15074	3.36848	0.1521619	0.27027855	2.3691633	21	11 13.9	21.1
527740 2007 YS_{77}	16.9	X	196.89723	314.48009	109.09288	6.80328	0.1703108	0.17682660	3.1436750	21	6 3.1	22.2
527741 2008 AS_{3}	18.5	X	314.85633	281.99682	122.36756	4.16438	0.2403891	0.27350767	2.3504790	21	10 7.5	19.9
527742 2008 AF_{9}	18.7	X	291.95051	227.55145	182.57790	1.61481	0.2379861	0.26917906	2.3756103	21	8 21.8	21.2
527743 2008 AP_{9}	16.8	X	322.41515	128.37259	259.88718	2.86517	0.0840615	0.19442002	2.9510420	21	9 24.5	20.4
527744 2008 AO_{11}	15.9	X	48.32281	122.81448	125.04419	27.40888	0.1497314	0.17882566	3.1202029	21	8 11.8	19.9
527745 2008 AB_{12}	16.4	X	245.30888	260.17330	131.43681	12.85646	0.1527449	0.18172991	3.0868707	21	6 11.2	21.3
527746 2008 AZ_{12}	16.4	X	113.68427	104.53441	126.19426	21.38331	0.2937597	0.18615644	3.0377406	21	10 24.7	22.1
527747 2008 AD_{15}	18.4	X	273.89680	340.31578	150.61009	2.33428	0.1578714	0.27659913	2.3329325	21	12 5.4	20.5
527748 2008 AG_{15}	18.1	X	242.83645	107.71188	125.02768	24.70510	0.0913712	0.36227503	1.9488442	21	—	—
527749 2008 AK_{17}	17.8	X	215.13257	261.83544	297.06414	6.07826	0.1253945	0.27561999	2.3384544	21	12 18.2	20.9
527750 2008 AF_{18}	16.4	X	169.49981	145.88042	305.62637	15.84002	0.1907352	0.17564589	3.1577474	21	6 13.1	21.9
527751 2008 AL_{18}	16.7	X	165.20225	147.61048	318.36999	9.71416	0.1914431	0.17633614	3.1495015	21	6 27.2	22.0
527752 2008 AN_{18}	17.9	X	247.62976	324.00046	86.93186	2.31587	0.1877518	0.25805656	2.4433900	21	7 1.9	21.5
527753 2008 AB_{19}	18.0	X	249.47949	183.39153	322.92936	7.44733	0.0501020	0.27351025	2.3504642	21	12 3.0	20.9
527754 2008 AK_{19}	18.5	X	221.98086	146.50928	353.70131	2.27402	0.1511317	0.26645093	2.3917983	21	10 5.1	21.7
527755 2008 AT_{24}	16.8	X	197.29891	136.92161	333.45474	9.77118	0.0982641	0.18147723	3.0897354	21	8 2.9	21.6
527756 2008 AP_{31}	16.4	X	121.84777	43.72994	116.86577	21.04301	0.2856513	0.17370776	3.1811922	21	8 1.0	21.8
527757 2008 AJ_{36}	17.0	X	223.01745	312.54766	121.81627	5.50631	0.1610622	0.18384036	3.0632009	21	7 9.3	21.8
527758 2008 AD_{40}	16.8	X	208.22299	328.94267	125.34338	21.57998	0.2289351	0.18325157	3.0697588	21	7 16.8	22.0
527759 2008 AV_{42}	15.3	X	129.27584	355.16667	121.16528	24.07220	0.1467549	0.17247994	3.1962714	21	6 8.6	20.6
527760 2008 AW_{43}	17.7	X	244.11258	270.93657	126.10027	3.55849	0.2256049	0.25465593	2.4650942	21	6 6.6	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527761 2008 AG_{46}	18.3	X	193.04274	244.99149	266.87475	3.36252	0.1549755	0.26795307	2.3828510	21	9 18.3	22.0
527762 2008 AW_{48}	18.0	X	269.80441	52.28660	325.05210	1.54938	0.2189384	0.26018616	2.4300390	21	6 7.2	21.3
527763 2008 AB_{49}	16.5	X	198.25581	5.54147	106.95625	10.38334	0.0918982	0.18579089	3.0417238	21	8 6.4	21.1
527764 2008 AT_{49}	16.9	X	176.56729	59.58687	108.27571	15.51906	0.2110784	0.18972728	2.9995045	21	9 24.6	22.3
527765 2008 AP_{52}	16.3	X	356.81739	344.09303	296.16760	15.60996	0.0989848	0.17820620	3.1274293	21	6 27.4	20.2
527766 2008 AZ_{54}	18.2	X	247.29395	312.61229	109.14929	2.27716	0.1642740	0.26082111	2.4260936	21	7 19.1	21.5
527767 2008 AG_{57}	18.4	X	222.06517	33.73282	121.88818	5.24435	0.1331111	0.27060289	2.3672698	21	10 31.1	21.7
527768 2008 AJ_{61}	18.2	X	192.75972	52.85550	159.81274	2.91487	0.1247723	0.27435189	2.3456547	21	12 10.5	21.6
527769 2008 AB_{63}	16.8	X	117.01039	266.50757	281.31980	4.21205	0.0751831	0.18072919	3.0982552	21	8 9.9	21.4
527770 2008 AC_{64}	18.2	X	199.22353	60.93608	129.94847	2.93161	0.1380704	0.27065100	2.3669893	21	11 18.2	21.6
527771 2008 AT_{65}	18.0	X	302.23683	281.50720	114.64277	3.13118	0.1767033	0.26633196	2.3925105	21	9 1.2	20.3
527772 2008 AN_{67}	16.8	X	153.75234	201.44676	307.42977	6.87065	0.1236524	0.17989225	3.1078574	21	8 4.8	21.5
527773 2008 AT_{68}	17.2	X	130.67365	242.48354	304.82577	1.41463	0.1087346	0.18097822	3.0954124	21	8 28.0	21.9
527774 2008 AP_{71}	16.6	X	186.32843	157.47799	299.51090	14.89894	0.0450977	0.18002461	3.1063338	21	7 6.0	21.1
527775 2008 AM_{73}	17.5	X	316.94441	245.82509	125.78847	22.19226	0.2364246	0.26594725	2.3948172	21	8 13.9	19.4
527776 2008 AR_{75}	16.5	X	104.86494	70.21807	129.61840	18.69131	0.0824308	0.18169507	3.0872653	21	8 13.8	21.1
527777 2008 AM_{81}	18.4	X	269.23583	350.36871	139.58476	5.51999	0.1298585	0.27429449	2.3459819	21	11 30.5	21.0
527778 2008 AZ_{81}	16.9	X	145.25742	34.20070	145.33501	8.34882	0.0647930	0.18639480	3.0351502	21	9 1.7	21.5
527779 2008 AT_{87}	18.5	X	213.93122	290.98353	242.11064	1.19532	0.1552012	0.27239800	2.3568581	21	11 8.7	21.8
527780 2008 AO_{88}	15.8	X	147.19996	161.16537	288.64885	8.69667	0.0816172	0.17167048	3.2063109	21	5 12.9	20.8
527781 2008 AW_{89}	16.3	X	164.13789	215.67759	286.77604	15.31141	0.1730874	0.18269747	3.0759624	21	8 4.6	21.5
527782 2008 AX_{93}	16.8	X	214.57620	109.72234	310.51120	16.84105	0.1803055	0.18131601	3.0915666	21	6 13.8	22.1
527783 2008 AX_{97}	16.5	X	193.24790	102.36753	329.29083	8.06390	0.0705482	0.17597521	3.1538065	21	6 9.8	21.4
527784 2008 AB_{100}	17.6	X	247.86310	20.71137	144.68291	12.33312	0.1237883	0.27611859	2.3356384	21	12 18.4	20.6
527785 2008 AJ_{102}	17.8	X	320.02140	104.09230	304.08812	11.14567	0.1973269	0.27411109	2.3470282	21	10 22.1	20.0
527786 2008 AN_{103}	17.7	X	219.51188	75.73609	96.59636	7.72227	0.0556082	0.27545288	2.3394001	21	11 29.5	20.7
527787 2008 AT_{103}	16.0	X	128.03412	241.45997	305.31227	9.82119	0.0844844	0.18467098	3.0540088	21	8 20.9	20.7
527788 2008 AU_{103}	16.6	X	152.25912	167.26098	300.45054	16.89566	0.1746554	0.17621372	3.1509601	21	6 17.7	21.9
527789 2008 AT_{104}	16.6	X	233.51493	281.46953	111.32321	13.33589	0.1021698	0.17976623	3.1093097	21	6 5.4	21.4
527790 2008 AZ_{106}	17.1	X	155.76293	173.98475	26.78725	0.60123	0.1776497	0.19113364	2.9847730	21	10 10.2	22.1
527791 2008 AB_{107}	16.4	X	131.55973	29.27991	118.55002	18.01806	0.1738711	0.17649971	3.1475554	21	7 16.4	21.3
527792 2008 AY_{112}	16.6	X	53.79167	243.37935	85.68315	6.32207	0.1658195	0.21350671	2.7724370	21	12 7.2	20.4
527793 2008 AJ_{113}	15.8	X	138.52782	266.64309	220.08447	14.56893	0.2268328	0.17461205	3.1701994	21	6 28.8	21.3
527794 2008 AL_{116}	16.8	X	193.38119	161.77271	321.06678	9.32142	0.1214891	0.18441874	3.0567929	21	8 11.9	21.7
527795 2008 AP_{116}	16.2	X	81.06750	121.62773	137.14706	9.91703	0.0624877	0.18867193	3.0106795	21	9 28.9	20.5
527796 2008 AR_{116}	16.1	X	87.53185	224.94723	340.02358	19.59334	0.0694387	0.17371623	3.1810887	21	8 2.4	20.8
527797 2008 AK_{117}	16.5	X	144.66788	133.40068	345.71754	7.80917	0.1036503	0.17420723	3.1751087	21	6 18.9	21.5
527798 2008 AM_{117}	17.6	X	301.39568	100.19457	311.89319	22.41496	0.1904453	0.27130484	2.3631848	21	9 8.1	20.3
527799 2008 AG_{118}	17.2	X	234.23122	351.42286	102.54781	7.36947	0.0882214	0.26113464	2.4241513	21	8 28.9	20.5
527800 2008 AB_{130}	16.7	X	103.94355	257.97526	328.74655	2.38595	0.0281206	0.18761555	3.0219701	21	9 8.2	20.9
527801 2008 AT_{134}	16.7	X	184.96038	111.69186	305.12893	13.14063	0.2507483	0.17535879	3.1611931	21	5 11.8	22.5
527802 2008 AU_{135}	17.7	X	185.85083	81.98413	43.09737	7.16017	0.1129484	0.25724088	2.4485523	21	8 13.1	21.5
527803 2008 AD_{136}	16.0	X	156.62578	303.78507	142.64657	28.51485	0.3102991	0.17472780	3.1687991	21	6 6.7	22.2
527804 2008 AT_{137}	16.7	X	82.23216	73.03883	137.32527	2.29114	0.1186893	0.17476373	3.1683647	21	8 3.7	21.3
527805 2008 AW_{138}	16.3	X	133.77372	158.24562	309.75038	5.43256	0.0998449	0.17207053	3.2013394	21	5 23.2	21.2
527806 2008 AD_{139}	17.3	X	277.93168	66.78118	304.53549	5.39608	0.1410700	0.25865146	2.4396420	21	6 21.1	20.4
527807 2008 AE_{139}	16.7	X	278.68119	329.54598	45.64318	4.83847	0.1587196	0.18572744	3.0424165	21	6 25.6	20.9
527808 2008 AF_{139}	16.4	X	265.84437	223.46064	161.22027	11.33941	0.1984251	0.18317906	3.0705688	21	6 17.9	21.2
527809 2008 AJ_{139}	17.1	X	322.69489	272.05755	136.37314	12.79207	0.0514796	0.19856183	2.9098607	21	10 30.5	21.1
527810 2008 AM_{139}	16.5	X	172.04009	337.61949	129.69589	10.26417	0.0465135	0.17462068	3.1700949	21	7 1.4	21.3
527811 2008 AS_{139}	15.9	X	116.16067	200.06066	297.60108	20.43394	0.0510679	0.17155047	3.2078060	21	6 4.9	20.8
527812 2008 AX_{139}	16.6	X	246.61019	144.58128	259.73727	6.50331	0.1417326	0.18462650	3.0544992	21	6 27.5	21.1
527813 2008 BA	18.1	X	256.24774	111.00332	103.52263	26.53483	0.0645147	0.36361183	1.9440647	21	—	—
527814 2008 BB_{6}	16.0	X	167.95290	348.96249	128.18893	28.65101	0.1162077	0.17909873	3.1170304	21	7 11.8	21.1
527815 2008 BH_{7}	18.4	X	233.16749	339.82324	153.88483	4.76717	0.1349094	0.26781984	2.3836412	21	10 13.9	21.5
527816 2008 BF_{11}	17.0	X	172.66748	22.41200	121.28450	17.93020	0.2277258	0.18398055	3.0616446	21	8 18.8	22.4
527817 2008 BR_{16}	17.9	X	197.60354	171.42826	132.52640	23.45342	0.0416830	0.36990148	1.9219644	21	—	—
527818 2008 BN_{27}	16.2	X	342.49656	9.29105	301.54903	10.38776	0.0923798	0.18068338	3.0987789	21	7 14.9	20.1
527819 2008 BY_{34}	17.9	X	205.34909	186.62023	331.37932	10.08713	0.0996034	0.26357458	2.4091677	21	10 10.6	21.5
527820 2008 BP_{36}	16.7	X	299.37893	265.71321	343.34573	11.70931	0.1747133	0.22233838	2.6985249	21	2 7.3	20.6
527821 2008 BW_{36}	17.7	X	318.77407	218.07504	155.63547	3.14075	0.1866554	0.26591674	2.3950004	21	8 28.2	19.5
527822 2008 BK_{38}	16.6	X	116.43025	239.76782	318.98327	7.01566	0.1316466	0.17824214	3.1270090	21	8 28.4	21.4
527823 2008 BZ_{41}	16.9	X	218.53977	87.14693	348.78468	13.13477	0.3326414	0.18492171	3.0512476	21	6 29.2	22.6
527824 2008 BE_{46}	17.1	X	168.81281	357.19719	138.01835	1.84984	0.1294690	0.17896965	3.1185290	21	8 2.9	22.1
527825 2008 BE_{47}	18.2	X	232.57461	164.33273	331.73383	5.92080	0.2385694	0.26693334	2.3889158	21	9 29.3	21.8
527826 2008 BR_{47}	16.6	X	164.25753	185.73225	355.53123	7.89334	0.1979326	0.18194509	3.0844364	21	9 23.3	21.7
527827 2008 BY_{47}	17.9	X	186.63569	60.32742	161.90761	1.54300	0.1430448	0.27117273	2.3639523	21	12 13.6	21.2
527828 2008 BG_{53}	16.5	X	208.52241	84.21198	328.72253	17.91392	0.0630333	0.17312689	3.1883039	21	6 1.9	21.6
527829 2008 BR_{53}	18.0	X	173.77271	280.48397	337.17353	16.76517	0.0601934	0.34813514	2.0012629	21	—	—
527830 2008 BU_{53}	16.9	X	190.34755	101.27496	343.88433	9.26726	0.1064663	0.17293231	3.1906949	21	6 23.9	22.1
527831 2008 BS_{54}	17.0	X	153.81675	290.64200	285.77226	0.35454	0.0654814	0.19168278	2.9790696	21	10 25.8	21.4
527832 2008 BX_{54}	17.3	X	24.60780	46.44970	8.31336	10.44914	0.0980434	0.28280987	2.2986508	21	—	—
527833 2008 BY_{54}	16.3	X	188.81994	36.64380	79.13609	9.76709	0.0806560	0.18157598	3.0886150	21	8 1.5	21.1
527834 2008 BZ_{54}	16.8	X	231.85941	337.82303	68.31840	6.17714	0.1888476	0.18072569	3.0982952	21	6 10.8	21.8
527835 2008 BB_{55}	17.2	X	212.88940	95.20574	349.06859	6.43481	0.1811244	0.18478483	3.0527542	21	7 12.1	22.3
527836 2008 BC_{55}	16.5	X	189.81887	90.37294	348.76893	12.25226	0.1086133	0.17794038	3.1305433	21	6 14.9	21.7
527837 2008 BE_{55}	16.4	X	251.69612	87.79558	346.61607	14.42904	0.1373556	0.18751070	3.0230965	21	8 14.9	20.9
527838 2008 BK_{55}	16.2	X	136.18731	111.06557	354.59076	10.49754	0.1130400	0.17069031	3.2185738	21	5 22.4	21.3
527839 2008 BM_{55}	16.2	X	256.85222	300.05372	106.19292	11.88371	0.0459482	0.18155402	3.0888641	21	7 25.0	20.5
527840 2008 BR_{55}	18.6	X	249.11237	164.25926	314.14899	1.22309	0.0885542	0.26735416	2.3864083	21	10 18.6	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527841 2008 CR_{1}	19.6	X	200.26690	339.70014	315.50905	45.77715	0.4622093	0.79969788	1.1495259	21	—	—
527842 2008 CH_{2}	18.5	X	216.05485	187.72082	326.25483	0.87618	0.1272826	0.26792314	2.3830285	21	10 19.5	21.8
527843 2008 CT_{9}	16.1	X	170.99230	319.66178	138.74333	17.74968	0.1841613	0.17545312	3.1600600	21	6 23.4	21.6
527844 2008 CZ_{10}	18.1	X	219.27611	131.61522	59.07977	2.76957	0.1439129	0.27274342	2.3548678	21	12 9.2	21.3
527845 2008 CL_{11}	18.3	X	304.75504	2.66480	108.32502	5.21891	0.1585531	0.27785104	2.3259196	21	—	—
527846 2008 CO_{11}	18.0	X	200.51415	264.54550	337.11872	18.72483	0.0564784	0.35310448	1.9824423	21	—	—
527847 2008 CO_{13}	16.5	X	172.10627	355.76264	136.10448	11.22472	0.1459004	0.17868032	3.1218946	21	8 1.8	21.6
527848 2008 CL_{17}	16.8	X	94.54389	15.73289	171.09254	4.40614	0.1606773	0.17093853	3.2154572	21	7 24.5	21.6
527849 2008 CP_{21}	16.9	X	172.07940	34.56687	110.87758	3.08328	0.1028290	0.18110800	3.0939334	21	8 19.3	21.7
527850 2008 CS_{21}	18.2	X	301.04683	183.64892	290.56432	3.59563	0.0623917	0.27931833	2.3177669	21	—	—
527851 2008 CL_{28}	18.2	X	220.65656	97.65504	34.15052	3.39800	0.1338552	0.26427594	2.4049034	21	9 25.8	21.5
527852 2008 CB_{32}	16.3	X	58.77345	102.34620	141.85550	12.73255	0.1012286	0.17638844	3.1488790	21	8 13.9	20.6
527853 2008 CE_{32}	18.0	X	227.80306	48.54543	120.58128	3.17766	0.1139204	0.27118675	2.3638708	21	11 26.1	21.0
527854 2008 CU_{37}	16.2	X	349.57824	30.73995	305.17728	7.53204	0.1570759	0.18241228	3.0791677	21	8 26.4	19.6
527855 2008 CU_{44}	18.0	X	241.53718	38.31166	127.99346	5.81066	0.1373685	0.27165041	2.3611803	21	12 7.1	20.9
527856 2008 CQ_{46}	16.3	X	139.36473	38.43300	172.31211	16.76219	0.1443504	0.18351785	3.0667886	21	10 8.2	21.3
527857 2008 CA_{55}	16.5	X	209.96005	129.70561	295.83562	11.21914	0.1638783	0.17917534	3.1161418	21	6 16.6	21.6
527858 2008 CC_{56}	17.5	X	172.57561	279.04771	215.38910	1.93878	0.2233886	0.18071895	3.0983722	21	8 5.2	22.8
527859 2008 CW_{56}	16.7	X	190.42899	191.44032	282.47382	3.86516	0.0893964	0.18137505	3.0908957	21	7 29.1	21.4
527860 2008 CK_{58}	16.1	X	214.37785	97.91203	339.03241	26.20155	0.0843038	0.17683524	3.1435727	21	7 17.9	21.2
527861 2008 CN_{59}	18.6	X	225.36508	301.66633	162.20108	5.37592	0.1858452	0.26049458	2.4281206	21	8 17.5	22.2
527862 2008 CU_{60}	16.6	X	195.24059	298.01817	153.78663	10.56666	0.1567506	0.17936946	3.1138932	21	7 4.8	21.9
527863 2008 CH_{61}	16.3	X	57.99065	228.19147	29.74711	4.85283	0.1508201	0.17613176	3.1519376	21	9 8.9	20.5
527864 2008 CJ_{65}	17.9	X	255.47888	158.99167	306.94431	7.69099	0.0635142	0.26641815	2.3919945	21	10 10.3	21.1
527865 2008 CQ_{66}	18.3	X	175.62489	66.15210	119.66266	3.36724	0.0968346	0.26345107	2.4099206	21	10 20.5	21.8
527866 2008 CG_{72}	18.4	X	187.33023	39.03296	143.83315	2.10108	0.0862660	0.26586560	2.3953075	21	10 29.8	21.8
527867 2008 CY_{72}	15.9	X	109.97087	73.19732	87.05561	26.57769	0.2104754	0.17212024	3.2007229	21	7 13.6	21.1
527868 2008 CD_{75}	16.4	X	164.89710	51.15547	108.06871	22.12575	0.2198710	0.18180065	3.0860700	21	9 3.9	22.0
527869 2008 CM_{76}	16.3	X	166.57811	10.08300	160.39031	28.44193	0.0936960	0.18150775	3.0893890	21	9 13.7	21.1
527870 2008 CT_{78}	17.9	X	89.04045	61.19553	304.92780	17.47604	0.0907632	0.36422377	1.9418866	21	—	—
527871 2008 CG_{80}	16.1	X	260.06812	30.71786	3.37305	7.72085	0.0431741	0.17764901	3.1339654	21	7 15.0	20.6
527872 2008 CX_{85}	16.9	X	141.31071	19.15850	135.63552	9.96834	0.0992010	0.17527306	3.1622239	21	7 29.1	21.7
527873 2008 CV_{90}	16.8	X	174.71672	152.65576	314.57514	9.81107	0.1874032	0.17671612	3.1449851	21	7 6.9	22.1
527874 2008 CU_{99}	16.8	X	129.59899	263.05614	330.52949	2.89962	0.2131046	0.18701704	3.0284141	21	10 26.6	21.9
527875 2008 CG_{103}	16.5	X	74.99731	28.96714	185.36200	7.38236	0.1060273	0.17275742	3.1928480	21	7 27.0	21.0
527876 2008 CF_{107}	16.2	X	18.71262	158.27878	146.42945	20.86311	0.0722676	0.18166723	3.0875807	21	9 2.1	20.2
527877 2008 CY_{117}	16.6	X	193.18283	310.58568	143.39949	24.51071	0.2680923	0.18026607	3.1035593	21	7 5.1	22.4
527878 2008 CB_{118}	16.4	X	221.57107	125.55419	328.28268	12.48236	0.0503988	0.18242424	3.0790331	21	8 11.9	20.9
527879 2008 CE_{121}	16.8	X	262.89326	338.65397	93.81365	9.64224	0.0384576	0.19206466	2.9751195	21	9 10.3	21.1
527880 2008 CV_{122}	18.1	X	148.30483	51.71834	167.22201	2.59826	0.1429205	0.26319971	2.4114547	21	11 2.0	21.7
527881 2008 CO_{123}	18.2	X	199.02282	344.02123	150.35417	5.44783	0.1681044	0.25973025	2.4328819	21	9 2.5	22.1
527882 2008 CZ_{130}	18.1	X	203.88186	269.54834	334.32159	2.68332	0.1560292	0.27784588	2.3259484	21	—	—
527883 2008 CT_{131}	18.6	X	248.25693	343.63447	117.90834	2.11313	0.1501238	0.26371482	2.4083135	21	9 15.9	21.6
527884 2008 CU_{133}	16.8	X	171.94947	322.20703	151.87527	10.09389	0.1981881	0.17616469	3.1515447	21	7 11.2	22.2
527885 2008 CE_{135}	18.0	X	179.70807	77.23926	152.72219	6.02743	0.1543527	0.27194112	2.3594972	21	12 15.9	21.6
527886 2008 CO_{135}	17.1	X	212.87561	308.24756	151.73553	9.46274	0.1826582	0.18370126	3.0647470	21	7 29.1	22.1
527887 2008 CU_{137}	17.3	X	126.86671	45.16412	121.50167	4.63236	0.2305148	0.17349215	3.1838272	21	8 8.4	22.5
527888 2008 CW_{137}	18.3	X	203.19858	142.09069	72.83540	2.19247	0.1393104	0.27207760	2.3587080	21	12 22.5	21.3
527889 2008 CW_{138}	17.0	X	118.94428	58.11781	151.96594	26.72880	0.3059987	0.17825662	3.1268396	21	9 30.4	22.7
527890 2008 CR_{144}	16.5	X	257.46173	231.69047	167.19662	9.65924	0.0719329	0.17827733	3.1265974	21	7 11.1	21.1
527891 2008 CT_{145}	18.3	X	218.87458	218.62136	311.19668	1.91510	0.1419008	0.26858951	2.3790853	21	11 10.5	21.7
527892 2008 CK_{146}	17.2	X	118.17294	322.52991	270.33250	4.46252	0.1397743	0.18554981	3.0443579	21	10 10.6	22.1
527893 2008 CO_{150}	18.0	X	211.89929	304.92644	205.61719	2.75058	0.0694923	0.26324034	2.4112066	21	10 16.6	21.1
527894 2008 CE_{154}	17.4	X	346.12410	231.33539	37.29850	5.45856	0.1982374	0.23544860	2.5973988	21	5 8.2	19.6
527895 2008 CE_{159}	15.7	X	105.98079	255.18406	330.33528	25.03116	0.2127540	0.17848805	3.1241361	21	9 17.9	21.0
527896 2008 CW_{165}	17.7	X	114.83157	202.87908	59.54998	6.15582	0.1957257	0.26062837	2.4272896	21	11 25.5	21.6
527897 2008 CZ_{167}	17.3	X	200.54325	278.43053	189.89702	6.24317	0.1618153	0.18196657	3.0841937	21	7 28.5	22.4
527898 2008 CV_{171}	15.6	X	256.15682	268.95341	107.99643	17.38966	0.0898513	0.17738296	3.1370983	21	6 12.3	20.3
527899 2008 CF_{174}	17.6	X	272.53411	180.06070	176.11536	11.16122	0.1646214	0.24744657	2.5127450	21	5 23.1	21.3
527900 2008 CB_{184}	16.5	X	122.51855	111.11364	96.45324	8.18960	0.0947777	0.18152814	3.0891577	21	9 16.6	21.3
527901 2008 CS_{188}	16.3	X	118.09120	129.38042	37.34969	14.79129	0.2084751	0.17256391	3.1952345	21	8 4.0	21.7
527902 2008 CM_{190}	17.1	X	138.68543	59.41514	147.32792	5.75923	0.1091347	0.18367985	3.0649852	21	9 30.9	21.9
527903 2008 CJ_{192}	17.8	X	191.01314	316.41877	301.59650	5.64906	0.0858487	0.27734969	2.3287217	21	—	—
527904 2008 CZ_{196}	17.0	X	121.42967	199.77997	336.97142	1.96692	0.1082268	0.17592598	3.1543949	21	8 5.6	21.6
527905 2008 CS_{198}	18.0	X	182.73073	328.48420	229.85741	1.66912	0.1324764	0.26323036	2.4112675	21	11 9.1	21.6
527906 2008 CU_{198}	17.1	X	135.11668	344.46140	180.25446	12.70462	0.1503867	0.17366684	3.1816919	21	8 5.3	22.3
527907 2008 CK_{202}	16.3	X	41.46665	125.70690	158.40548	19.26421	0.0728188	0.17960291	3.1111943	21	9 7.3	20.4
527908 2008 CB_{203}	18.2	X	283.26404	32.05448	53.94763	3.09686	0.1775873	0.26739630	2.3861576	21	10 12.0	20.7
527909 2008 CN_{206}	17.1	X	179.00801	0.39277	144.46711	21.75028	0.1817472	0.18413516	3.0599305	21	8 24.4	22.1
527910 2008 CX_{208}	18.5	X	185.02830	0.31060	221.43785	2.61812	0.1504039	0.26797759	2.3827057	21	12 10.3	22.1
527911 2008 CJ_{210}	18.4	X	235.06247	174.20586	355.33555	1.36038	0.1265158	0.27236988	2.3570204	21	12 3.4	21.1
527912 2008 CS_{211}	17.7	X	243.79803	38.35659	123.57226	12.86511	0.1159306	0.27372844	2.3492150	21	12 9.5	20.7
527913 2008 CE_{214}	16.3	X	61.34384	247.35114	346.19351	12.89816	0.2370813	0.17182625	3.2043729	21	8 26.1	20.6
527914 2008 CX_{217}	18.4	X	227.73251	340.44072	192.69640	2.32326	0.1201504	0.27209122	2.3586293	21	11 30.2	21.5
527915 2008 CD_{218}	16.3	X	195.92533	321.36002	133.71658	8.96435	0.0642341	0.17551945	3.1592637	21	7 12.4	21.1
527916 2008 CL_{218}	17.0	X	326.55952	175.88436	282.41695	0.78453	0.0548994	0.20257673	2.8712853	21	—	—
527917 2008 CS_{218}	16.8	X	341.87812	199.89359	142.31738	10.45866	0.2457671	0.25500751	2.4628279	21	8 29.7	18.1
527918 2008 CG_{219}	17.4	X	203.06006	261.03975	330.58532	10.34761	0.1284357	0.27897407	2.3196733	21	—	—
527919 2008 CO_{219}	16.6	X	105.76890	261.73350	283.18259	11.68943	0.1941492	0.24464188	2.5319134	21	8 7.0	20.5
527920 2008 DQ	16.1	X	296.19335	99.09868	270.38010	13.07641	0.0825257	0.18622968	3.0369440	21	7 20.8	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
527921 2008 DU_1	17.7	X	215.88328	280.89046	310.17488	1.79692	0.1829189	0.27973592	2.3154597	21	—	—
527922 2008 DS_3	18.0	X	321.32511	345.11149	148.25330	24.36183	0.0743516	0.35823746	1.9634600	21	—	—
527923 2008 DS_6	17.0	X	145.30861	356.04566	140.13051	11.60499	0.1676646	0.17666770	3.1455598	21	7 14.1	22.2
527924 2008 DB_8	16.5	X	102.33791	276.75969	326.32097	11.17345	0.0966890	0.18589168	3.0406242	21	9 30.1	21.2
527925 2008 DZ_8	17.0	X	134.81876	35.71394	142.15873	10.51611	0.2709739	0.17845330	3.1245417	21	8 30.9	22.5
527926 2008 DT_{11}	16.5	X	199.11899	126.53206	333.07430	10.70546	0.0474346	0.17998325	3.1068098	21	7 25.2	21.1
527927 2008 DT_{12}	17.0	X	220.11979	289.45565	140.37923	10.84055	0.2495333	0.18249352	3.0782537	21	6 26.1	22.3
527928 2008 DU_{12}	17.2	X	169.92615	157.33737	345.43487	3.46791	0.1197460	0.18129715	3.0917811	21	8 13.9	22.2
527929 2008 DS_{13}	16.2	X	139.03619	161.37548	336.88937	17.52026	0.2045141	0.17289336	3.1911742	21	7 18.0	21.7
527930 2008 DC_{19}	18.0	X	258.64149	153.67780	345.03711	5.53723	0.1208983	0.27331169	2.3516025	21	11 24.4	20.7
527931 2008 DV_{28}	16.7	X	185.49492	321.37246	142.14758	15.27263	0.0507769	0.17862068	3.1225895	21	7 11.7	21.5
527932 2008 DQ_{35}	16.4	X	144.75319	149.08385	353.35592	16.65722	0.1626752	0.17145409	3.2090081	21	7 26.7	21.8
527933 2008 DH_{42}	17.1	X	201.33260	12.52325	140.44040	6.19651	0.0986334	0.19071256	2.9891648	21	9 29.4	21.7
527934 2008 DD_{49}	17.8	X	176.18138	90.65358	122.75552	10.73651	0.2138177	0.26455830	2.4031919	21	11 20.5	21.9
527935 2008 DL_{49}	15.9	X	126.20087	229.52303	17.71571	20.09748	0.3974287	0.18191853	3.0847367	21	11 10.2	22.0
527936 2008 DW_{50}	16.5	X	145.66739	212.17373	271.95829	10.73783	0.2385163	0.17361704	3.1823003	21	7 3.6	22.0
527937 2008 DM_{58}	16.7	X	129.95485	40.10946	148.50339	15.27119	0.0718691	0.18256966	3.0773978	21	8 26.9	21.2
527938 2008 DO_{58}	16.8	X	149.71013	202.08098	280.42949	2.78784	0.1409426	0.17520655	3.1630241	21	6 30.5	21.8
527939 2008 DY_{58}	18.6	X	260.94904	266.28113	324.75711	21.49454	0.1176043	0.36409565	1.9423421	21	—	—
527940 2008 DK_{69}	17.7	X	207.41568	219.53368	18.54155	19.06873	0.0669492	0.35043932	1.9924809	21	—	—
527941 2008 DE_{73}	18.2	X	181.73262	241.71910	313.88874	1.66884	0.1665989	0.26427763	2.4048931	21	11 2.1	21.8
527942 2008 DA_{75}	17.2	X	147.35246	104.43020	45.17582	2.90625	0.1811058	0.17571658	3.1569004	21	8 3.3	22.5
527943 2008 DC_{75}	16.2	X	127.30266	167.80982	355.15188	10.25475	0.1511665	0.17453851	3.1710898	21	8 1.3	21.3
527944 2008 DL_{77}	18.5	X	220.96398	107.57328	29.64914	2.35027	0.1249819	0.26296066	2.4129160	21	10 3.6	21.6
527945 2008 DG_{89}	16.3	X	95.47147	216.32174	16.19228	13.32118	0.0771265	0.17648626	3.1477153	21	9 14.9	20.9
527946 2008 DD_{90}	16.7	X	192.08814	129.95449	29.10831	9.37951	0.0764712	0.18616249	3.0376747	21	9 28.6	21.3
527947 2008 DJ_{90}	17.8	X	116.86668	316.27096	283.49543	1.56096	0.1648561	0.25837042	2.4414107	21	10 28.2	21.6
527948 2008 DL_{90}	16.7	X	248.70152	206.94033	147.86089	17.27338	0.2426807	0.23979791	2.5658964	21	4 22.7	21.2
527949 2008 EL_8	18.6	X	114.94579	357.42707	4.95414	18.84027	0.1011147	0.35991105	1.9573685	21	—	—
527950 2008 EQ_8	17.8	X	241.17207	38.23116	91.79421	8.70641	0.1026654	0.26754275	2.3852868	21	10 26.4	20.9
527951 2008 ET_8	17.7	X	216.36382	224.81727	325.84814	4.82456	0.2420691	0.26900712	2.3766225	21	11 22.2	21.2
527952 2008 EH_{10}	16.7	X	97.91154	123.95663	139.28707	9.77681	0.2374623	0.18162789	3.0880265	21	11 9.4	21.9
527953 2008 EB_{12}	18.5	X	231.01664	134.64945	23.82016	5.04594	0.1315298	0.26769206	2.3843997	21	11 11.2	21.7
527954 2008 EU_{12}	18.7	X	197.98752	78.91468	129.43460	4.94367	0.1970562	0.26783660	2.3835417	21	12 2.9	22.3
527955 2008 ET_{16}	18.1	X	202.00240	13.49798	171.65000	3.06568	0.1654083	0.26400687	2.4065371	21	11 10.3	21.7
527956 2008 EW_{19}	17.2	X	164.87147	192.24905	322.71008	0.68669	0.1614351	0.17727972	3.1383161	21	8 23.5	22.4
527957 2008 ET_{30}	16.2	X	79.01179	333.01491	228.91410	3.91525	0.0919231	0.17075602	3.2177480	21	7 15.1	20.6
527958 2008 ER_{31}	16.4	X	280.44009	321.79927	331.47495	15.91912	0.2278762	0.22682277	2.6628392	21	3 2.0	20.6
527959 2008 EB_{32}	19.6	X	265.78860	48.29257	182.25466	5.36993	0.4130831	0.35714486	1.9674624	21	—	—
527960 2008 EL_{32}	17.1	X	176.05201	203.11628	323.57686	7.86971	0.2354393	0.18771248	3.0209297	21	9 13.6	22.3
527961 2008 EY_{34}	17.0	X	222.60053	136.32905	82.56230	24.07845	0.2507687	0.27206877	2.3587591	21	—	—
527962 2008 EG_{37}	16.5	X	114.45618	165.52168	359.28236	4.15476	0.0651449	0.17579538	3.1559570	21	7 9.4	21.1
527963 2008 EO_{38}	16.6	X	127.44673	56.91986	103.06765	6.27026	0.1148300	0.17171005	3.2058183	21	7 22.8	21.5
527964 2008 EH_{42}	16.5	X	154.54456	170.02133	9.31057	17.65462	0.1386646	0.17890760	3.1192500	21	9 16.2	21.5
527965 2008 EY_{46}	16.1	X	216.85067	72.13725	38.19105	11.95590	0.1098887	0.17689089	3.1429133	21	8 26.3	21.1
527966 2008 EZ_{49}	16.7	X	130.89829	29.16851	156.88673	9.02000	0.1500825	0.17800040	3.1298394	21	8 29.7	21.7
527967 2008 EN_{53}	16.7	X	103.49962	111.10879	165.15172	24.80553	0.2539593	0.18215273	3.0820919	21	11 30.3	22.3
527968 2008 EE_{55}	16.3	X	327.15072	304.28576	56.23619	10.63990	0.0982576	0.17683885	3.1435299	21	8 30.6	20.4
527969 2008 ES_{55}	18.1	X	171.46140	258.67064	335.32562	5.90445	0.0722853	0.27095406	2.3652240	21	12 17.8	21.4
527970 2008 EJ_{56}	17.0	X	239.25407	299.45801	156.67644	10.87643	0.0693335	0.18620460	3.0372167	21	9 1.8	21.4
527971 2008 EC_{58}	18.1	X	170.12257	274.21553	320.05031	2.80065	0.1420356	0.26532643	2.3985514	21	12 11.0	21.8
527972 2008 EE_{60}	16.2	X	118.04779	201.05538	348.59022	20.39975	0.1008235	0.17465793	3.1696441	21	8 22.3	21.1
527973 2008 EJ_{61}	16.7	X	155.02511	12.77038	198.30520	10.25763	0.0549477	0.18865727	3.0108355	21	10 20.9	21.2
527974 2008 EB_{65}	17.6	X	179.17369	262.97642	340.06477	12.12779	0.1860489	0.26900916	2.3766104	21	12 29.7	21.5
527975 2008 EO_{65}	16.7	X	98.61368	31.29690	236.13202	4.62731	0.1366742	0.18456338	3.0551956	21	11 2.7	21.2
527976 2008 EA_{66}	18.6	X	182.96390	141.63336	181.11994	21.90808	0.1144665	0.36281118	1.9469237	21	—	—
527977 2008 EY_{68}	22.3	X	352.86418	198.99101	175.47596	19.79405	0.7599809	1.53266315	0.7450262	21	4 18.9	21.6
527978 2008 EF_{72}	16.7	X	146.00496	143.41643	14.00204	10.61446	0.1517822	0.17582349	3.1556206	21	8 13.4	21.9
527979 2008 EJ_{74}	16.4	X	74.71435	99.15561	122.38670	6.01526	0.0620669	0.17049225	3.2210660	21	7 31.2	20.9
527980 2008 EH_{75}	17.8	X	130.15250	186.72861	70.58362	3.00562	0.1685690	0.26093681	2.4253764	21	12 1.8	21.8
527981 2008 EY_{75}	17.9	X	162.79829	159.08166	83.89917	3.09643	0.1947171	0.26451932	2.4034280	21	12 12.6	21.6
527982 2008 EK_{81}	16.4	X	191.07431	156.24311	324.04907	16.18695	0.1165387	0.17941684	3.1133450	21	8 7.8	21.2
527983 2008 EP_{87}	17.7	X	212.46092	177.70161	322.06922	5.09021	0.0691272	0.25915620	2.4364733	21	9 30.2	21.1
527984 2008 ER_{92}	18.2	X	324.06239	127.06050	44.11545	22.10994	0.0779015	0.36105291	1.9532394	21	—	—
527985 2008 ES_{96}	17.6	X	148.03011	337.18462	335.39947	9.10349	0.1159438	0.28282199	2.2985852	21	—	—
527986 2008 ER_{97}	16.4	X	354.97848	9.58595	205.77601	9.42207	0.0498393	0.15489337	3.4338461	21	4 3.1	21.1
527987 2008 EW_{103}	16.9	X	117.89243	73.43624	165.30731	14.13052	0.1861993	0.18392796	3.0622282	21	10 25.5	22.0
527988 2008 EX_{109}	18.2	X	244.76018	191.90337	307.75559	2.23782	0.1474687	0.26927316	2.3750568	21	11 1.4	21.3
527989 2008 EY_{109}	16.2	X	338.81452	350.60097	330.39947	8.60671	0.0871469	0.17651733	3.1473459	21	7 23.9	20.2
527990 2008 EW_{110}	17.2	X	105.95541	96.97794	118.65773	6.18548	0.1845842	0.17690206	3.1427810	21	9 15.8	22.1
527991 2008 ER_{112}	16.8	X	131.91977	5.25624	223.65240	5.08786	0.1466702	0.18311612	3.0712724	21	10 20.3	21.8
527992 2008 EF_{114}	16.9	X	271.76590	140.53272	221.17771	7.81462	0.1798891	0.23978945	2.5659568	21	5 26.2	20.4
527993 2008 EC_{118}	17.0	X	99.35762	89.98024	163.75166	10.27446	0.0414693	0.18758632	3.0222841	21	10 10.8	21.4
527994 2008 EB_{119}	17.4	X	161.11761	158.20533	36.51979	1.29503	0.1589585	0.18649895	3.0340201	21	10 7.3	22.3
527995 2008 EX_{121}	16.5	X	187.80519	274.31114	188.20939	12.53901	0.0100039	0.17016537	3.2251897	21	7 12.3	21.3
527996 2008 EX_{123}	16.3	X	64.80016	242.97094	336.71988	16.26251	0.1823959	0.17264796	3.1941974	21	8 6.5	20.7
527997 2008 EH_{124}	18.4	X	251.87522	338.09627	202.35681	4.01180	0.1233839	0.27424913	2.3462406	21	—	—
527998 2008 ED_{126}	17.9	X	353.96710	274.16898	183.99702	22.60745	0.0889656	0.35330443	1.9816943	21	—	—
527999 2008 EO_{129}	15.6	X	107.09428	207.78341	8.91463	27.29815	0.0835913	0.17718253	3.1394636	21	9 14.5	20.4
528000 2008 ES_{130}	16.8	X	139.40978	83.26833	163.61497	14.10735	0.2689027	0.18569220	3.0428014	21	11 23.1	22.4