Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268001 2004 JQ_{14}	16.9	X	237.59950	119.03023	86.25201	5.85051	0.2035204	0.26475287	2.4020143	21	—	—
268002 2004 JY_{15}	16.6	X	307.71873	176.69435	75.02574	5.93768	0.1262641	0.28034606	2.3120989	21	2 17.3	19.5
268003 2004 JQ_{23}	16.8	X	159.68633	24.73467	252.40601	2.62545	0.1970684	0.25969143	2.4331243	21	—	—
268004 2004 JH_{24}	16.9	X	312.73984	109.01818	65.16807	5.11231	0.1050531	0.27189695	2.3597527	21	—	—
268005 2004 JT_{28}	17.0	X	163.90330	156.02663	106.95637	3.20232	0.1528183	0.26058054	2.4275866	21	—	—
268006 2004 JU_{29}	16.9	X	176.00081	216.08971	71.13723	5.53778	0.1758319	0.26403700	2.4063540	21	—	—
268007 2004 JJ_{41}	17.2	X	173.25997	228.42935	29.48338	4.49649	0.1364323	0.26104463	2.4247085	21	—	—
268008 2004 JK_{41}	17.2	X	258.55182	225.80284	42.80335	6.14489	0.2051281	0.27533159	2.3400871	21	1 10.2	21.0
268009 2004 JV_{48}	16.8	X	208.93238	145.50105	103.18652	6.99381	0.0984304	0.26557014	2.3970838	21	—	—
268010 2004 KH_{4}	17.3	X	170.75081	296.52792	337.29056	0.88306	0.1604122	0.26154316	2.4216263	21	—	—
268011 2004 KX_{5}	17.4	X	276.97688	152.39238	88.96624	3.51238	0.1889789	0.27411588	2.3470009	21	—	—
268012 2004 LL	17.6	X	245.09153	34.64186	226.33831	1.71588	0.1676683	0.27169822	2.3609033	21	—	—
268013 2004 MF_{7}	16.2	X	161.89122	310.21269	272.26773	8.09678	0.0454399	0.24671761	2.5176921	21	11 18.2	19.8
268014 2004 NR	16.4	X	40.93532	167.64549	155.99991	2.29870	0.1426824	0.24262615	2.5459174	21	11 16.5	19.5
268015 2004 NR_{7}	15.9	X	1.55957	168.86093	153.50104	15.82012	0.2767561	0.23310464	2.6147817	21	9 24.0	17.9
268016 2004 NC_{8}	16.8	X	56.96088	87.42302	226.41694	1.71542	0.1569941	0.24224775	2.5485680	21	11 25.6	20.2
268017 2004 NO_{10}	17.0	X	109.60120	201.07683	116.91660	3.55513	0.1822076	0.25259252	2.4785008	21	—	—
268018 2004 NU_{12}	16.7	X	27.97923	163.45159	122.92951	6.29669	0.2192266	0.23601097	2.5932711	21	9 18.9	19.4
268019 2004 NC_{15}	17.8	X	118.63889	90.86280	292.25998	17.24738	0.0854127	0.37962063	1.8890184	21	—	—
268020 2004 NV_{21}	16.0	X	299.90075	198.77798	132.99714	15.22532	0.2577797	0.22451496	2.6810559	21	5 15.7	19.9
268021 2004 NU_{24}	15.9	X	343.60003	341.36563	331.77503	13.12939	0.1648987	0.22753824	2.6572543	21	7 19.9	18.6
268022 2004 NL_{26}	16.4	X	358.20535	223.35882	134.82777	7.84732	0.0871581	0.23990740	2.5651157	21	10 23.8	19.4
268023 2004 NA_{28}	16.3	X	192.49871	126.97217	135.17891	10.06033	0.1720918	0.25815553	2.4427654	21	—	—
268024 2004 NP_{30}	16.7	X	171.54847	181.63530	121.21831	3.02275	0.1818679	0.26080471	2.4261953	21	—	—
268025 2004 NS_{32}	17.7	X	233.08067	323.89156	321.90744	19.23852	0.0864324	0.38125992	1.8835997	21	—	—
268026 2004 NF_{33}	17.4	X	223.75181	164.86319	160.00906	23.83968	0.0786198	0.38644547	1.8667116	21	1 29.4	19.8
268027 2004 OJ_{5}	16.8	X	77.68363	175.06338	128.27686	7.26193	0.2088029	0.24486402	2.5303819	21	12 11.7	20.8
268028 2004 OD_{11}	15.5	X	342.52607	182.98546	125.09666	34.03935	0.1659584	0.22898124	2.6460788	21	7 8.9	18.4
268029 2004 PB_{5}	15.9	X	20.20690	181.65881	164.23624	14.61333	0.1464728	0.24075665	2.5590799	21	11 19.2	19.2
268030 2004 PE_{9}	16.7	X	344.53780	233.83469	112.66980	2.64839	0.1982659	0.23233388	2.6205615	21	9 10.5	18.9
268031 2004 PL_{13}	16.7	X	127.68668	168.47440	130.38794	3.94617	0.1935591	0.25140725	2.4862846	21	—	—
268032 2004 PL_{16}	15.9	X	345.82844	165.49679	153.57724	13.08677	0.1656875	0.22896099	2.6462349	21	7 29.2	18.5
268033 2004 PT_{19}	15.8	X	286.80101	192.17262	164.23709	12.67546	0.1953646	0.22241434	2.6979104	21	6 6.6	19.7
268034 2004 PQ_{36}	16.2	X	191.78592	202.59485	178.14664	8.87687	0.3109232	0.21186389	2.7867505	21	4 7.8	21.3
268035 2004 PF_{40}	16.0	X	55.41944	143.68673	161.05926	14.42161	0.2069516	0.23860206	2.5744626	21	11 21.8	19.9
268036 2004 PS_{68}	15.7	X	17.73449	353.15222	283.75770	10.79513	0.1558447	0.22982626	2.6395889	21	7 30.9	18.4
268037 2004 PL_{75}	16.9	X	121.21317	184.06240	176.98088	22.29424	0.0713288	0.37134022	1.9169968	21	—	—
268038 2004 PZ_{88}	15.7	X	302.98104	354.32633	354.21766	14.00605	0.2175440	0.22391240	2.6858636	21	6 11.8	19.4
268039 2004 PD_{91}	16.3	X	78.03385	324.86174	305.05833	6.46249	0.1251049	0.23744796	2.5827978	21	10 16.9	20.0
268040 2004 PJ_{94}	16.5	X	39.01897	197.17801	98.79123	3.40242	0.2030250	0.23525082	2.5988544	21	10 17.1	19.5
268041 2004 PY_{105}	16.4	X	17.26471	296.90635	7.80233	5.94294	0.2821728	0.23197350	2.6232749	21	10 2.3	18.8
268042 2004 QX	15.9	X	69.43142	335.67949	332.01345	20.16878	0.3146871	0.24110493	2.5566149	21	12 19.1	20.5
268043 2004 QM_{3}	15.9	X	269.01044	255.77866	174.50503	12.06355	0.0250191	0.23473650	2.6026492	21	9 16.7	19.2
268044 2004 QS_{4}	17.3	X	10.15389	30.32157	135.77301	21.44186	0.0484027	0.38250249	1.8795182	21	1 2.3	19.3
268045 2004 QZ_{9}	15.9	X	212.76922	247.94586	133.96557	15.85122	0.1825319	0.21516860	2.7581430	21	4 30.5	20.8
268046 2004 QJ_{11}	16.4	X	25.37456	269.99140	58.87459	5.43024	0.0989130	0.23735017	2.5835073	21	10 25.0	19.4
268047 2004 QM_{21}	16.6	X	50.38664	137.31476	150.11158	4.84238	0.1729199	0.23646256	2.5899683	21	10 17.2	19.9
268048 2004 QZ_{21}	15.4	X	269.37158	340.33005	1.50801	9.68857	0.1986965	0.21644141	2.7473194	21	4 23.4	19.7
268049 2004 QK_{24}	15.9	X	355.47237	161.44087	170.43544	27.82558	0.0546915	0.23201948	2.6229283	21	9 4.9	19.0
268050 2004 QZ_{24}	15.6	X	27.47973	284.95416	34.50502	23.13396	0.1824277	0.23867993	2.5739026	21	10 27.2	18.4
268051 2004 QZ_{28}	15.6	X	22.97804	261.91813	84.42466	9.82835	0.1542469	0.18063393	3.0993443	21	11 11.9	19.6
268052 2004 RH	16.4	X	213.22756	137.72611	242.65435	2.83055	0.1105862	0.21548849	2.7554128	21	4 24.6	20.7
268053 2004 RV_{1}	16.8	X	307.87893	183.39296	159.04944	2.19943	0.0900539	0.22537214	2.6742534	21	7 2.9	20.1
268054 2004 RV_{18}	16.8	X	65.57171	112.50214	164.98898	7.51592	0.0827751	0.23540813	2.5976965	21	10 10.1	20.2
268055 2004 RO_{19}	16.2	X	296.59810	168.95915	155.90516	5.96399	0.0548534	0.22127016	2.7072029	21	5 29.8	19.8
268056 2004 RS_{19}	16.6	X	39.82976	165.71956	149.69399	4.85479	0.0607932	0.23664366	2.5886468	21	10 22.7	19.9
268057 Michaelkaschke	15.7	X	185.88269	113.35725	270.56232	3.26501	0.0828115	0.20967137	2.8061440	21	3 31.3	20.0
268058 2004 RA_{32}	16.8	X	216.99413	264.96595	346.85567	20.38775	0.3081571	0.26059379	2.4275043	21	—	—
268059 2004 RO_{32}	16.5	X	240.82610	251.99381	114.07766	6.31822	0.1353970	0.21879451	2.7275859	21	5 6.1	20.7
268060 2004 RH_{45}	16.1	X	72.66922	258.70309	339.39629	13.68033	0.0692180	0.22957040	2.6415497	21	8 24.7	19.4
268061 2004 RP_{47}	16.4	X	90.44950	272.48823	167.25311	13.00758	0.3239052	0.19973736	2.8984324	21	3 30.7	20.3
268062 2004 RS_{48}	16.8	X	258.98337	325.97777	34.33510	3.26009	0.1490346	0.21962890	2.7206733	21	5 13.8	20.9
268063 2004 RP_{50}	16.6	X	358.19304	265.06749	49.64793	2.70205	0.2027586	0.23033023	2.6357371	21	8 23.8	18.9
268064 2004 RZ_{50}	16.1	X	344.23266	149.57056	149.29128	8.66388	0.0976747	0.22497258	2.6774189	21	6 30.1	19.3
268065 2004 RA_{53}	16.5	X	237.47457	185.58039	141.75587	4.10783	0.1181429	0.21121695	2.7924379	21	3 16.2	20.9
268066 2004 RP_{59}	15.7	X	327.86943	302.86162	18.66487	13.26036	0.1883704	0.22539655	2.6740603	21	6 22.7	18.8
268067 2004 RG_{63}	15.7	X	292.05106	357.64042	350.52500	13.30461	0.0825627	0.22283317	2.6945288	21	6 18.5	19.5
268068 2004 RM_{64}	16.9	X	196.74533	94.39745	182.25200	5.83418	0.2545983	0.25821878	2.4423665	21	—	—
268069 2004 RG_{65}	16.0	X	312.61991	158.42268	168.18351	14.24672	0.0966248	0.22296580	2.6934601	21	6 18.1	19.6
268070 2004 RH_{69}	16.3	X	11.42044	153.50141	166.16208	11.55459	0.1518769	0.23141837	2.6274684	21	9 24.4	18.9
268071 2004 RW_{69}	16.5	X	217.39023	206.94242	142.44067	2.49307	0.0982538	0.21117238	2.7928309	21	3 23.6	20.8
268072 2004 RF_{73}	16.6	X	11.41670	226.40300	105.28678	2.99821	0.1921330	0.23349549	2.6118630	21	10 18.1	19.1
268073 2004 RL_{78}	16.2	X	277.00380	314.37904	50.12567	6.09528	0.1797160	0.22140866	2.7060738	21	6 4.9	20.1
268074 2004 RR_{81}	16.6	X	222.64627	40.04838	329.33050	5.30485	0.1456097	0.21438224	2.7648836	21	4 17.1	21.0
268075 2004 RU_{85}	16.7	X	43.84949	130.46055	161.02841	14.16641	0.0757619	0.23455233	2.6040114	21	9 28.4	20.0
268076 2004 RF_{89}	17.2	X	231.55773	122.88756	161.43875	24.29177	0.0479434	0.38185952	1.8816274	21	—	—
268077 2004 RF_{104}	16.1	X	12.95141	11.55739	279.11867	6.96470	0.2010616	0.22864528	2.6486702	21	8 15.4	18.5
268078 2004 RH_{108}	16.5	X	207.05536	72.56023	290.30324	7.30024	0.1705743	0.21136757	2.7911112	21	3 24.2	21.3
268079 2004 RP_{110}	17.3	X	260.64497	71.49338	201.09372	18.92071	0.0474395	0.38173358	1.8820413	21	—	—
268080 2004 RB_{130}	16.9	X	217.18842	286.57058	79.57544	0.54033	0.0871155	0.21404008	2.7678294	21	4 12.7	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268081 2004 RV_{135}	17.1	X	185.76710	15.37625	43.01264	2.52840	0.0768266	0.21656898	2.7462404	21	5 14.5	21.2
268082 2004 RL_{139}	17.2	X	143.33225	140.31332	251.87917	0.85973	0.2048195	0.20426185	2.8554718	21	3 9.7	21.7
268083 2004 RB_{147}	16.4	X	84.75032	280.74019	356.67998	8.78206	0.1580334	0.23865898	2.5740533	21	11 7.2	20.3
268084 2004 RZ_{148}	16.4	X	70.77148	109.17224	168.63659	10.69965	0.0240196	0.23459144	2.6037219	21	10 8.6	19.8
268085 2004 RS_{150}	16.2	X	234.95301	241.07035	180.52551	8.99777	0.0056763	0.22472356	2.6793965	21	7 21.1	20.0
268086 2004 RD_{158}	16.1	X	1.45011	299.92638	331.41977	12.64862	0.1702700	0.22401726	2.6850254	21	6 20.8	19.0
268087 2004 RL_{160}	17.0	X	203.68449	59.25443	303.96056	4.16685	0.1750274	0.20941655	2.8084199	21	3 23.8	21.8
268088 2004 RX_{182}	16.0	X	124.97347	77.67219	339.42169	14.27007	0.1477752	0.20361640	2.8615030	21	3 13.3	20.3
268089 2004 RV_{219}	15.5	X	350.67019	103.88814	294.72488	15.28246	0.1462315	0.17682196	3.1437300	21	11 19.1	19.5
268090 2004 RF_{229}	16.2	X	251.06189	345.31143	357.89352	5.94311	0.0612270	0.21217752	2.7840037	21	4 21.8	20.2
268091 2004 RK_{231}	17.1	X	27.97897	304.09736	4.13354	4.75564	0.2020298	0.23159088	2.6261634	21	10 13.1	19.8
268092 2004 RU_{233}	16.8	X	243.11885	167.53430	180.40611	4.66032	0.0800073	0.21211724	2.7845311	21	4 19.5	20.8
268093 2004 RD_{256}	15.9	X	16.02390	327.32662	353.61092	21.42835	0.0196778	0.23299187	2.6156254	21	9 18.3	19.2
268094 2004 RU_{256}	16.9	X	61.61194	358.74937	277.74250	2.00882	0.0971063	0.23383444	2.6093384	21	10 2.6	20.4
268095 2004 RJ_{257}	16.8	X	277.21801	226.65817	152.53050	3.08423	0.1459622	0.22598464	2.6694192	21	6 30.4	20.4
268096 2004 RY_{257}	15.9	X	69.86181	311.02200	298.42805	11.90470	0.1187038	0.23225315	2.6211687	21	9 5.8	19.6
268097 2004 RM_{258}	16.7	X	134.55826	288.15416	191.31456	5.65738	0.0513090	0.21773334	2.7364410	21	6 2.6	20.6
268098 2004 RH_{289}	15.0	X	323.54360	161.96469	269.41942	26.10432	0.1023170	0.17745800	3.1362138	21	11 17.9	19.2
268099 2004 RU_{307}	16.4	X	281.01332	353.96659	335.19592	2.65475	0.1894350	0.21790424	2.7350101	21	4 22.9	20.4
268100 2004 RK_{310}	16.5	X	273.74952	336.78693	2.11701	5.15624	0.0710412	0.21650635	2.7467700	21	5 12.8	20.4
268101 2004 RA_{321}	16.3	X	170.23054	148.91148	275.29897	4.53233	0.1035294	0.21353909	2.7721568	21	5 5.1	20.7
268102 2004 RQ_{337}	16.7	X	178.45070	60.25232	9.49705	3.00621	0.0792247	0.21283150	2.7782977	21	5 20.7	20.8
268103 2004 RA_{342}	16.2	X	255.42388	206.12844	143.60343	7.02836	0.0909139	0.21692128	2.7432661	21	5 6.0	20.2
268104 2004 RX_{343}	16.0	X	57.53888	266.72419	348.85257	9.48311	0.0499700	0.22609769	2.6685293	21	8 24.7	19.4
268105 2004 RJ_{355}	17.1	X	300.24755	331.83784	350.56199	4.42226	0.1090331	0.22122490	2.7075722	21	5 20.5	20.6
268106 2004 SG_{4}	16.2	X	152.28982	359.77169	194.08036	13.55611	0.1107847	0.23516865	2.5994598	21	10 1.0	20.2
268107 2004 SL_{11}	15.7	X	193.18658	306.66884	52.02930	9.91306	0.1689813	0.20854552	2.8162344	21	3 16.4	20.5
268108 2004 SC_{23}	16.3	X	232.29350	43.81522	328.87474	1.01663	0.1474755	0.21370865	2.7706903	21	5 2.4	20.7
268109 2004 SP_{27}	16.5	X	150.86533	351.46781	171.78103	13.02101	0.0933319	0.22796854	2.6539095	21	8 19.2	20.6
268110 2004 SC_{55}	15.1	X	83.31811	278.37787	155.99250	15.44883	0.2875883	0.19246237	2.9710195	21	3 9.5	18.8
268111 2004 SW_{56}	16.1	X	297.09176	297.52991	26.47362	7.53085	0.0736532	0.21959603	2.7209448	21	5 23.6	19.8
268112 2004 SW_{61}	16.4	X	267.08819	346.09774	1.19746	5.04182	0.0555400	0.21452993	2.7636145	21	5 17.9	20.2
268113 2004 TG_{1}	16.0	X	220.06139	174.76416	186.80032	4.75877	0.0858518	0.21185177	2.7868568	21	4 10.5	20.1
268114 2004 TM_{8}	17.1	X	240.42196	208.33591	20.27352	20.68082	0.0427324	0.36964750	1.9228447	21	—	—
268115 Williamalbrecht	15.3	X	336.60231	339.88090	11.76666	30.13390	0.1416434	0.22963551	2.6410503	21	9 15.0	18.4
268116 2004 TL_{12}	16.4	X	44.35670	324.88897	329.57695	12.08922	0.1605461	0.23301608	2.6154442	21	10 7.8	19.9
268117 2004 TW_{13}	16.3	X	282.30245	76.80937	282.77342	5.53889	0.0509283	0.22095299	2.7097930	21	6 25.8	19.7
268118 2004 TL_{22}	16.4	X	59.12876	313.90724	309.27540	2.90447	0.0819642	0.22851021	2.6497139	21	9 8.5	19.8
268119 2004 TN_{23}	16.7	X	100.12129	83.45920	1.44620	11.92109	0.2786113	0.20053856	2.8907073	21	4 6.7	20.8
268120 2004 TQ_{24}	16.0	X	264.26038	332.54374	359.55160	6.45680	0.0357715	0.21388212	2.7691920	21	4 26.4	19.8
268121 2004 TZ_{31}	16.7	X	243.96401	51.07621	309.59601	3.29950	0.0651088	0.21348086	2.7726609	21	5 5.9	20.8
268122 2004 TJ_{50}	16.0	X	348.81402	295.22572	8.77511	6.27219	0.1232729	0.22054374	2.7131443	21	7 16.7	19.0
268123 2004 TV_{64}	16.1	X	123.01459	87.32656	41.16770	4.27249	0.0477330	0.21331792	2.7740726	21	5 29.6	19.9
268124 2004 TG_{69}	16.2	X	101.21810	277.67381	156.89754	7.89054	0.2967312	0.19908887	2.9047231	21	4 1.9	20.4
268125 2004 TM_{85}	16.9	X	122.38394	264.10610	218.57466	1.68823	0.1390686	0.21186307	2.7867577	21	6 2.1	21.0
268126 2004 TW_{85}	16.8	X	270.38561	132.08257	191.60342	4.28651	0.0660633	0.21372909	2.7705136	21	4 21.8	20.6
268127 2004 TH_{93}	16.8	X	101.30209	140.31916	297.85862	0.99112	0.0698313	0.20088359	2.8873964	21	3 2.8	20.7
268128 2004 TJ_{94}	16.7	X	130.25988	43.13531	10.59386	2.32047	0.0366244	0.20247717	2.8722265	21	3 4.3	20.7
268129 2004 TM_{94}	17.0	X	185.64495	148.31169	221.88441	1.20466	0.0866899	0.20518635	2.8468882	21	3 16.0	21.4
268130 2004 TB_{109}	16.2	X	261.14168	236.66208	135.42309	4.29508	0.0771798	0.21965529	2.7204553	21	6 10.9	20.0
268131 2004 TX_{117}	15.6	X	86.33486	42.99593	54.89031	9.73164	0.1834247	0.19932023	2.9024749	21	3 30.0	19.5
268132 2004 TO_{118}	16.9	X	83.65517	102.55163	291.57845	2.95509	0.2550433	0.19237311	2.9719384	21	1 11.6	20.3
268133 2004 TZ_{121}	15.9	X	4.60752	267.80789	187.03314	11.11860	0.3382760	0.18466902	3.0540303	21	—	—
268134 2004 TS_{126}	16.0	X	344.92392	176.87670	169.68382	15.15877	0.1640600	0.22969503	2.6405941	21	9 9.3	18.5
268135 2004 TR_{147}	16.5	X	227.90438	321.19135	353.88836	5.42696	0.0629669	0.20412676	2.8567315	21	2 23.2	20.8
268136 2004 TY_{150}	16.9	X	77.27713	192.34995	271.25393	0.99837	0.0239928	0.20267395	2.8703670	21	2 25.0	20.6
268137 2004 TX_{151}	16.9	X	168.66268	233.98582	212.46419	2.34460	0.0642813	0.21417654	2.7666536	21	5 31.7	20.9
268138 2004 TO_{158}	16.5	X	349.79567	307.05205	16.09163	5.56541	0.0658975	0.22317378	2.6917864	21	8 17.2	19.7
268139 2004 TY_{177}	16.3	X	12.27363	287.39245	4.21620	8.56578	0.1054485	0.22648570	2.6654806	21	8 12.8	19.4
268140 2004 TD_{199}	16.5	X	100.51729	76.82856	42.26055	3.95339	0.0939313	0.20642112	2.8355238	21	4 26.5	20.2
268141 2004 TL_{209}	16.9	X	25.27656	263.85018	18.26760	3.45953	0.0383994	0.22544137	2.6737059	21	8 12.4	20.3
268142 2004 TN_{219}	16.6	X	238.08531	10.02963	26.51232	1.82580	0.0677575	0.21757874	2.7377371	21	6 15.5	20.3
268143 2004 TQ_{224}	16.7	X	49.00234	66.07230	213.71038	1.29040	0.0705039	0.22951347	2.6419865	21	9 15.6	19.9
268144 2004 TB_{225}	16.8	X	149.99235	245.43844	187.94364	4.25969	0.0493109	0.21053126	2.7984980	21	4 22.6	20.8
268145 2004 TX_{225}	16.6	X	203.10304	232.38547	175.98193	4.40448	0.0742267	0.21520113	2.7578651	21	5 22.1	20.7
268146 2004 TJ_{239}	16.3	X	211.90252	136.92873	213.16987	5.74544	0.0777430	0.20556625	2.8433796	21	3 17.6	20.5
268147 2004 TD_{244}	16.6	X	62.28156	272.50551	45.23690	5.70458	0.1707503	0.23781933	2.5801084	21	12 7.0	20.3
268148 2004 TY_{249}	15.8	X	90.25259	339.98564	38.93051	9.52081	0.1915078	0.18894331	3.0077959	21	—	—
268149 2004 TJ_{254}	16.8	X	278.32274	181.55839	187.90709	3.07401	0.0985310	0.22142322	2.7059552	21	6 26.1	20.3
268150 2004 TS_{278}	15.8	X	110.59404	83.47440	70.07668	5.13044	0.0099483	0.21314375	2.7755836	21	6 11.0	19.5
268151 2004 TT_{285}	15.2	X	66.05574	31.96190	14.41510	12.84950	0.1164643	0.18794925	3.0183921	21	—	—
268152 2004 TJ_{301}	15.6	X	127.51161	181.78372	258.90283	14.19252	0.1136407	0.20331058	2.8643719	21	4 7.6	20.0
268153 2004 TW_{323}	16.2	X	29.74336	283.58468	179.96921	2.08504	0.1419941	0.18928845	3.0041386	21	—	—
268154 2004 TW_{332}	16.8	X	154.38651	192.83729	213.59121	1.37875	0.0690969	0.20307671	2.8665706	21	3 26.2	21.1
268155 2004 TO_{333}	17.0	X	49.91563	239.94840	184.00678	0.76138	0.2303803	0.18800478	3.0177977	21	—	—
268156 2004 TF_{334}	16.7	X	164.36686	3.84761	72.29073	1.57636	0.0489392	0.20903627	2.8118250	21	5 12.7	20.8
268157 2004 TD_{351}	16.1	X	150.81996	52.95523	67.67896	4.56565	0.0447317	0.21348419	2.7726321	21	6 22.9	20.1
268158 2004 TR_{355}	16.3	X	1.11254	164.33942	152.60752	12.49768	0.2588505	0.22910046	2.6451607	21	9 8.3	18.1
268159 2004 TE_{356}	15.9	X	43.11435	259.05726	132.14795	12.19740	0.2618187	0.18407326	3.0606165	21	—	—
268160 2004 TN_{357}	16.4	X	62.29149	245.33205	28.72739	12.50227	0.1417453	0.22778837	2.6553087	21	10 9.5	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268161 2004 TS_{358}	16.7	X	36.54362	132.93031	160.45949	3.25906	0.0890931	0.22813030	2.6526548	21	9 19.6	19.9
268162 2004 UF_{8}	16.8	X	23.22394	47.15245	15.04128	5.05367	0.3131773	0.18358716	3.0660167	21	—	—
268163 2004 VB_{1}	15.6	X	59.40968	29.53394	33.03128	9.65147	0.1713073	0.18974479	2.9993200	21	—	—
268164 2004 VC_{8}	16.6	X	14.45248	255.14188	84.91062	3.04138	0.2219865	0.23174206	2.6250211	21	11 8.3	19.2
268165 2004 VA_{12}	16.5	X	65.46903	299.46227	139.88622	3.14871	0.1709058	0.19244315	2.9712173	21	1 27.7	19.7
268166 2004 VN_{26}	15.8	X	302.29743	346.03696	8.51106	6.78181	0.0505907	0.21924854	2.7238190	21	7 19.2	19.4
268167 2004 VB_{55}	16.9	X	215.57607	23.89683	344.91721	0.55332	0.1227909	0.20881298	2.8138291	21	4 13.1	21.3
268168 2004 VR_{61}	15.7	X	4.53960	160.48132	171.86148	14.29528	0.2650969	0.22920728	2.6443389	21	10 15.4	18.0
268169 2004 VP_{72}	15.7	X	305.28463	71.61257	246.16051	3.89633	0.1504582	0.21428690	2.7657036	21	5 16.5	19.0
268170 2004 WK_{4}	16.2	X	233.92047	271.98386	70.85176	3.09594	0.1281958	0.20629982	2.8366351	21	3 31.8	20.6
268171 2004 WF_{5}	16.2	X	329.76107	293.19211	65.03472	5.40743	0.2352522	0.22596686	2.6695592	21	8 21.5	18.5
268172 2004 XN_{17}	15.7	X	43.62687	336.26169	81.64182	4.96567	0.2280902	0.18317842	3.0705759	21	—	—
268173 2004 XS_{20}	15.9	X	116.77042	143.20718	231.26203	2.01591	0.2915982	0.19107743	2.9853582	21	2 2.6	20.4
268174 2004 XN_{31}	15.3	X	274.43185	269.82020	281.38865	12.53885	0.2153686	0.17490103	3.1667065	21	—	—
268175 2004 XO_{34}	15.0	X	2.87857	348.20940	81.44925	12.69007	0.1031402	0.16817998	3.2505226	21	—	—
268176 2004 XO_{53}	15.4	X	110.80762	322.82853	87.34333	2.53270	0.0559447	0.19175221	2.9783504	21	2 8.8	19.4
268177 2004 XF_{59}	15.7	X	36.76229	80.15127	351.47320	4.02129	0.2244847	0.18269437	3.0759973	21	—	—
268178 2004 XW_{67}	16.3	X	19.70829	233.86513	193.18304	1.98825	0.2252877	0.17960622	3.1111561	21	—	—
268179 2004 XE_{89}	16.0	X	155.05426	26.56254	14.67120	5.18369	0.1171458	0.19958883	2.8998702	21	3 25.8	20.5
268180 2004 XK_{92}	15.6	X	26.88315	8.63349	61.76706	11.68355	0.1211138	0.18250814	3.0780894	21	—	—
268181 2004 XU_{99}	15.1	X	316.43075	73.54798	101.74247	27.04121	0.1505345	0.18071716	3.0983927	21	—	—
268182 2004 XE_{133}	15.4	X	310.44838	223.83285	301.43271	9.20161	0.0395342	0.18052953	3.1005391	21	—	—
268183 2004 XQ_{137}	14.6	X	308.25578	310.48056	118.90500	28.01103	0.1658137	0.17004868	3.2266650	21	10 29.1	19.1
268184 2004 XL_{146}	15.1	X	143.80558	272.93204	112.26373	12.03317	0.0937628	0.18997839	2.9968608	21	2 24.2	19.6
268185 2004 XC_{147}	15.9	X	46.56648	91.80184	315.04951	11.68384	0.3188016	0.18398670	3.0615763	21	—	—
268186 2004 XF_{179}	16.2	X	17.51637	11.31530	127.94192	3.39397	0.1613974	0.18512150	3.0490519	21	1 21.1	19.5
268187 2004 YR_{4}	15.5	X	336.10094	210.57179	279.82641	9.52970	0.1651206	0.18105154	3.0945765	21	—	—
268188 2004 YB_{6}	15.6	X	74.81151	64.70632	294.31850	9.35222	0.0730076	0.17469384	3.1692097	21	—	—
268189 2004 YP_{22}	16.0	X	131.96614	245.61220	135.19939	1.49465	0.0752882	0.18554194	3.0444439	21	2 1.4	20.4
268190 2004 YT_{22}	15.7	X	311.75914	358.20188	121.51010	7.41523	0.1229819	0.17121271	3.2120235	21	12 28.5	19.7
268191 2005 AQ_{7}	15.4	X	317.94667	43.21399	105.56509	9.98624	0.1291143	0.17582699	3.1555788	21	—	—
268192 2005 AU_{18}	15.7	X	68.23180	314.97503	97.93196	6.54343	0.1759125	0.18421043	3.0590969	21	1 1.3	19.2
268193 2005 AF_{19}	15.4	X	346.55461	275.38364	164.71414	25.33519	0.3237148	0.17694668	3.1422527	21	—	—
268194 2005 AC_{30}	15.0	X	315.60015	69.36416	65.13848	14.41835	0.1224374	0.17305407	3.1891982	21	—	—
268195 2005 AU_{34}	15.8	X	172.29841	272.57067	111.18840	7.01478	0.1014850	0.19579683	2.9371916	21	3 24.2	20.4
268196 2005 AB_{35}	15.5	X	49.86385	349.51221	127.24108	11.19281	0.0916123	0.18902655	3.0069129	21	2 14.3	19.3
268197 2005 AH_{36}	15.2	X	280.33211	287.59081	298.11313	23.67576	0.3100018	0.17668086	3.1454036	21	—	—
268198 2005 AD_{38}	15.9	X	13.81853	212.93340	225.10466	3.23334	0.1792405	0.17810983	3.1285574	21	—	—
268199 2005 AL_{40}	15.2	X	298.52104	66.45731	104.63809	17.76023	0.0674235	0.17698454	3.1418046	21	—	—
268200 2005 AD_{45}	15.2	X	136.20672	249.16482	117.78038	13.84146	0.0374311	0.18219037	3.0816675	21	1 16.5	19.4
268201 2005 AK_{45}	15.3	X	355.60611	100.54351	349.16102	26.11488	0.2063089	0.17433739	3.1735281	21	—	—
268202 2005 AS_{59}	15.9	X	44.14885	93.85984	309.77391	8.09950	0.0713141	0.17529973	3.1619030	21	—	—
268203 2005 AK_{65}	15.7	X	58.08201	94.82004	287.06375	8.19463	0.0784375	0.17451408	3.1713858	21	—	—
268204 2005 AG_{74}	16.0	X	101.84439	228.80815	120.79686	10.25951	0.0754427	0.17479732	3.1679589	21	—	—
268205 2005 AY_{81}	15.4	X	336.40449	17.97423	86.26922	16.61056	0.2292733	0.17455357	3.1709075	21	—	—
268206 2005 BF_{11}	15.5	X	325.45730	42.30772	125.18429	11.87085	0.0943760	0.17843535	3.1247512	21	—	—
268207 2005 BY_{16}	15.7	X	328.40836	117.29343	315.85706	10.23434	0.1219282	0.17043821	3.2217468	21	11 24.4	19.8
268208 2005 BR_{17}	16.2	X	357.25332	336.52216	138.83418	4.29449	0.0037211	0.17768256	3.1335708	21	—	—
268209 2005 BO_{21}	15.2	X	283.49397	121.84038	131.43504	13.23119	0.2662108	0.18348010	3.0672093	21	1 20.5	20.1
268210 2005 BP_{23}	15.2	X	35.58791	358.60368	117.04524	7.81171	0.1168264	0.18310075	3.0714442	21	1 23.2	18.9
268211 2005 BL_{48}	16.3	X	319.78883	341.53865	140.29385	6.07605	0.2022415	0.17281408	3.1921501	21	—	—
268212 2005 BQ_{49}	15.5	X	273.09895	60.63587	134.72359	9.82165	0.0531033	0.17409842	3.1764316	21	—	—
268213 2005 CY	15.3	X	271.34019	60.20933	129.17710	27.61351	0.1958539	0.17343635	3.1845101	21	—	—
268214 2005 CY_{8}	15.8	X	302.59775	199.54635	13.28466	5.32624	0.0938127	0.18202456	3.0835386	21	1 14.8	20.3
268215 2005 CG_{20}	15.1	X	300.85905	80.08165	132.00694	11.12601	0.0958691	0.18030509	3.1031115	21	1 10.5	19.6
268216 2005 CF_{32}	15.5	X	254.64180	219.48538	359.53478	4.02098	0.1381110	0.17207059	3.2013386	21	—	—
268217 2005 CR_{39}	15.3	X	297.82856	270.46444	135.88756	11.05135	0.0760112	0.15263559	3.4676254	21	9 12.4	20.1
268218 2005 CX_{39}	16.0	X	100.19214	244.19921	133.10304	1.92165	0.1521620	0.17976191	3.1093595	21	1 1.9	20.2
268219 2005 CK_{46}	15.7	X	287.62773	206.17733	341.80726	3.62201	0.1014976	0.17334172	3.1856690	21	—	—
268220 2005 CO_{67}	15.4	X	14.63122	22.61253	94.84942	10.45932	0.0850403	0.18213937	3.0822427	21	—	—
268221 2005 CD_{68}	15.3	X	310.79961	46.29212	133.63344	10.88770	0.0274516	0.17891082	3.1192126	21	—	—
268222 2005 CZ_{73}	15.4	X	119.22469	210.04754	144.15756	9.15822	0.0706923	0.17399378	3.1777049	21	—	—
268223 2005 EE_{3}	15.4	X	342.30695	346.45171	132.59409	7.14615	0.0524340	0.17518493	3.1632842	21	—	—
268224 2005 ET_{13}	15.1	X	311.77559	21.33549	137.81869	5.79282	0.1226550	0.17175624	3.2052436	21	—	—
268225 2005 EF_{22}	15.7	X	46.47676	280.47027	164.04776	9.38740	0.1244179	0.17801163	3.1297078	21	1 2.4	19.6
268226 2005 EF_{24}	15.9	X	196.41001	173.19141	6.42102	9.25388	0.2266293	0.21551705	2.7551693	21	10 17.3	20.6
268227 2005 ED_{30}	16.1	X	313.00387	322.59288	167.64398	4.90957	0.1439205	0.17101737	3.2144689	21	—	—
268228 2005 ES_{43}	15.8	X	345.99819	17.44407	135.57154	2.53633	0.1348609	0.17705147	3.1410127	21	—	—
268229 2005 EY_{50}	15.2	X	315.26835	336.18176	181.70759	7.74349	0.0504153	0.17172658	3.2056126	21	—	—
268230 2005 EL_{72}	15.1	X	292.06551	227.51537	354.55922	26.82850	0.1822986	0.17721144	3.1391221	21	1 9.7	20.3
268231 2005 EO_{89}	15.3	X	356.46263	306.45790	153.13934	27.42996	0.1590462	0.17423744	3.1747417	21	—	—
268232 2005 EH_{136}	14.8	X	139.79276	104.38782	178.28877	15.30325	0.1543430	0.15730851	3.3986093	21	12 24.7	20.6
268233 2005 EQ_{170}	15.0	X	251.96776	26.56227	197.90543	20.26887	0.1377534	0.17147064	3.2088016	21	—	—
268234 2005 EA_{220}	15.1	X	275.18810	266.19524	330.79782	24.27132	0.2609423	0.17263223	3.1943914	21	1 2.6	20.7
268235 2005 ER_{223}	15.8	X	287.03232	85.43465	169.85202	5.90876	0.1540207	0.17696397	3.1420480	21	2 7.6	20.4
268236 2005 EA_{228}	15.5	X	126.73426	359.21620	325.60404	10.24216	0.0809321	0.17275274	3.1929056	21	—	—
268237 2005 GQ_{50}	17.4	X	341.96290	217.17125	84.25997	2.00041	0.2115560	0.31160283	2.1547743	21	6 15.7	18.1
268238 2005 GA_{63}	15.6	X	253.30502	98.38094	182.93682	5.08336	0.1259451	0.17971595	3.1098896	21	2 6.3	20.4
268239 2005 GT_{107}	16.1	X	135.53179	226.85859	25.72711	5.38667	0.0464439	0.21331221	2.7741221	21	11 20.6	20.2
268240 2005 GW_{181}	15.2	X	233.33048	301.01934	25.89753	16.26105	0.3566225	0.17683055	3.1436282	21	3 10.3	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268241 2005 HC_6	17.4	X	277.05749	152.93251	123.51530	6.29380	0.0586966	0.29715624	2.2240582	21	2 16.6	20.0
268242 Pebble	17.6	X	223.21885	235.96234	123.71528	4.43213	0.1869070	0.30839440	2.1696935	21	3 31.8	20.9
268243 2005 JH_{117}	17.4	X	333.88392	145.03222	101.18296	6.55937	0.1038731	0.30235462	2.1984924	21	3 20.4	19.7
268244 2005 JP_{143}	18.1	X	322.04336	118.94339	158.41567	2.71978	0.1429930	0.30391897	2.1909418	21	4 7.1	20.1
268245 2005 LR_{41}	16.9	X	67.56186	62.20127	281.98891	3.67327	0.2534780	0.26394620	2.4069059	21	—	—
268246 2005 MQ_2	16.6	X	32.72020	210.47960	119.31649	10.82744	0.2477698	0.25498705	2.4629597	21	12 3.7	19.8
268247 2005 MT_5	17.5	X	192.41730	185.54227	118.50389	3.61551	0.2023352	0.28057408	2.3108461	21	—	—
268248 2005 MU_{18}	17.6	X	312.26382	358.80847	253.80895	2.62543	0.1716771	0.29388830	2.2405150	21	2 11.3	20.5
268249 2005 ML_{20}	17.2	X	319.79541	316.36973	283.59362	2.86178	0.0928250	0.29282952	2.2459124	21	2 16.6	19.7
268250 2005 MS_{20}	17.3	X	174.77589	12.97439	297.63599	3.09278	0.0966777	0.27794724	2.3253829	21	—	—
268251 2005 MF_{24}	17.8	X	54.39636	106.06807	128.70044	4.15757	0.2799483	0.31134541	2.1559618	21	9 3.9	20.0
268252 2005 MD_{27}	17.2	X	44.26993	216.60619	168.40420	2.69411	0.2216380	0.26458522	2.4030289	21	—	—
268253 2005 MT_{33}	17.7	X	352.05123	286.99185	260.44157	4.24377	0.1310201	0.29074701	2.2566241	21	1 16.0	19.9
268254 2005 MO_{41}	16.7	X	294.63768	82.15198	300.73560	10.48417	0.2962244	0.24358023	2.5392650	21	7 6.4	19.7
268255 2005 NJ_{10}	17.4	X	336.57627	284.73745	275.96848	2.97471	0.0767490	0.28987401	2.2611525	21	1 20.6	19.9
268256 2005 NO_{19}	17.5	X	120.62030	145.53864	182.16080	1.00662	0.1980520	0.27026541	2.3692401	21	—	—
268257 2005 NA_{21}	16.6	X	103.89696	286.34136	75.20805	7.17152	0.2462223	0.27174474	2.3606338	21	—	—
268258 2005 NN_{35}	17.4	X	354.90702	70.82456	309.24664	2.15216	0.1899815	0.25587991	2.4572269	21	11 29.1	19.6
268259 2005 NG_{43}	17.4	X	256.90924	113.37264	153.56297	4.78354	0.1201859	0.28599591	2.2815475	21	1 7.6	20.6
268260 2005 NJ_{49}	17.2	X	335.71646	187.68050	79.23090	5.04750	0.1465996	0.29879110	2.2159380	21	4 16.6	19.2
268261 2005 NS_{60}	16.9	X	303.77713	13.01592	239.97241	5.52162	0.0669085	0.29051265	2.2578375	21	2 15.5	19.7
268262 2005 NM_{85}	17.2	X	12.66955	219.79625	158.49339	1.25358	0.2003337	0.25946899	2.4345148	21	12 31.2	19.9
268263 2005 NE_{123}	16.3	X	15.55277	352.93368	31.59956	7.71040	0.2224829	0.25825066	2.4421655	21	—	—
268264 2005 NS_{124}	17.1	X	220.00852	120.75655	161.03543	9.50891	0.0320425	0.27966473	2.3158526	21	—	—
268265 2005 OF_5	17.0	X	306.29328	145.85548	154.44152	4.52769	0.1790934	0.29857560	2.2170041	21	4 12.2	19.5
268266 2005 OJ_8	17.4	X	194.26108	139.23159	173.13841	5.91193	0.1252892	0.28135963	2.3065428	21	1 2.9	20.8
268267 2005 OQ_9	17.1	X	25.16812	226.44078	105.99499	3.61187	0.2144696	0.25352610	2.4724125	21	11 19.4	19.9
268268 2005 OJ_{18}	17.3	X	282.06422	133.52965	171.39335	5.14647	0.1971915	0.29371914	2.2413751	21	3 16.1	20.5
268269 2005 OB_{21}	17.1	X	197.95193	323.77044	340.16184	6.30876	0.1409341	0.27926169	2.3180803	21	—	—
268270 2005 OC_{22}	16.8	X	106.35542	230.97054	139.40227	7.01598	0.1181435	0.27209853	2.3585871	21	—	—
268271 2005 OF_{22}	16.6	X	215.65765	210.54382	92.13421	9.46633	0.1410954	0.28493806	2.2871909	21	1 12.8	20.1
268272 2005 OA_{29}	16.7	X	34.37125	69.29664	291.13396	4.86721	0.1310650	0.25804061	2.4434906	21	12 26.9	19.7
268273 2005 PA_1	16.5	X	34.40273	37.99205	353.59149	8.55903	0.1371076	0.26302265	2.4125368	21	—	—
268274 2005 PH_6	17.1	X	226.09005	267.51687	58.87922	6.44511	0.1046515	0.28800728	2.2709125	21	2 24.6	20.5
268275 2005 PP_7	16.8	X	63.12476	33.83981	333.79360	7.93526	0.0682511	0.26568857	2.3963714	21	—	—
268276 2005 PA_{11}	17.3	X	287.83089	126.02256	132.04472	6.35880	0.0994291	0.28769292	2.2725665	21	1 31.9	20.3
268277 2005 PB_{22}	16.8	X	170.54478	339.77761	316.01221	6.99057	0.1194854	0.27306984	2.3529908	21	—	—
268278 2005 PX_{23}	16.9	X	317.57155	147.32833	341.33790	6.55335	0.1451897	0.26585353	2.3953801	21	—	—
268279 2005 QL_4	17.4	X	265.06893	200.17344	106.94876	1.42493	0.2297821	0.29071054	2.2568128	21	2 28.2	20.8
268280 2005 QG_5	16.8	X	64.42412	20.06600	331.34444	7.41851	0.0975678	0.26359211	2.4090609	21	—	—
268281 2005 QW_8	17.1	X	111.60360	336.10158	344.04310	6.05534	0.1433809	0.26530621	2.3986734	21	—	—
268282 2005 QV_{26}	17.0	X	156.03725	225.41510	140.03100	4.73996	0.1283307	0.27716402	2.3297616	21	1 30.9	20.1
268283 2005 QF_{29}	17.0	X	342.56182	116.92572	284.07268	4.78000	0.1241861	0.25478749	2.4642456	21	11 28.4	19.5
268284 2005 QM_{31}	16.1	X	69.14238	94.06129	263.19078	8.92349	0.1912453	0.26425621	2.4050231	21	—	—
268285 2005 QH_{36}	16.4	X	176.03865	344.33570	350.84752	8.59265	0.1644580	0.27736774	2.3286207	21	1 19.7	19.9
268286 2005 QE_{41}	16.8	X	121.34314	23.23317	304.22382	3.99593	0.2005237	0.26781382	2.3836769	21	—	—
268287 2005 QW_{44}	16.8	X	46.27736	349.42618	26.88106	2.83833	0.2334762	0.26051602	2.4279874	21	—	—
268288 2005 QZ_{46}	17.5	X	147.26280	254.27006	60.98232	2.35302	0.1935932	0.27094468	2.3652786	21	—	—
268289 2005 QH_{53}	17.0	X	157.03997	149.04372	150.78173	4.06129	0.1867462	0.27114980	2.3640856	21	—	—
268290 2005 QE_{62}	17.2	X	330.40497	104.68250	352.44269	6.72564	0.0683615	0.26260077	2.4151200	21	—	—
268291 2005 QX_{71}	17.4	X	201.69666	58.50525	229.62291	1.89732	0.1944606	0.27670972	2.3323109	21	—	—
268292 2005 QN_{74}	17.0	X	125.95739	337.38105	355.66884	2.23613	0.2131153	0.26834357	2.3805387	21	—	—
268293 2005 QW_{79}	16.6	X	44.80284	7.01985	339.77847	9.38477	0.2311872	0.25926185	2.4358113	21	—	—
268294 2005 QE_{82}	17.2	X	38.16556	24.54900	359.53722	4.48426	0.1327974	0.26167829	2.4207926	21	—	—
268295 2005 QJ_{83}	17.1	X	187.83083	153.23767	169.33856	6.82122	0.1594818	0.27852800	2.3221493	21	1 11.7	20.7
268296 2005 QG_{86}	16.7	X	237.72942	39.52471	347.73696	6.48292	0.2300267	0.22863134	2.6487779	21	5 17.5	21.1
268297 2005 QL_{87}	16.8	X	343.64375	48.90554	202.13018	6.85836	0.1733058	0.29652824	2.2271972	21	3 29.6	18.6
268298 2005 QW_{88}	16.7	X	312.62527	88.54057	333.85519	6.23005	0.1258918	0.25469574	2.4648373	21	10 31.7	19.4
268299 2005 QJ_{92}	17.9	X	126.70235	154.30381	173.64149	1.15201	0.1916488	0.26839953	2.3802079	21	—	—
268300 2005 QN_{94}	17.2	X	171.76457	182.69202	148.00250	7.37081	0.1280038	0.27820700	2.3239352	21	1 3.4	20.5
268301 2005 QT_{97}	16.9	X	307.51509	139.27348	131.40302	5.72573	0.0986559	0.29189629	2.2506968	21	3 16.9	19.6
268302 2005 QT_{110}	17.2	X	3.18437	55.72155	315.76611	3.57365	0.1440028	0.25232256	2.4802683	21	11 24.3	19.7
268303 2005 QS_{111}	17.3	X	9.43565	128.25283	274.35419	0.87887	0.1378201	0.25778285	2.4451192	21	—	—
268304 2005 QM_{113}	16.8	X	250.79316	215.50447	104.37271	2.25101	0.1909356	0.28835445	2.2690894	21	3 6.7	20.4
268305 2005 QV_{114}	16.8	X	118.65702	347.80440	345.68020	6.30914	0.1308265	0.26617148	2.3934721	21	—	—
268306 2005 QJ_{123}	17.2	X	61.73953	146.59674	207.42004	1.04179	0.0836891	0.26101711	2.4248790	21	—	—
268307 2005 QX_{128}	17.3	X	294.57858	31.20412	78.27416	2.43202	0.1351689	0.25649656	2.4532870	21	12 8.7	19.7
268308 2005 QS_{135}	17.2	X	321.06523	278.90109	90.81171	1.43388	0.1083725	0.24429255	2.5343265	21	9 2.6	20.0
268309 2005 QR_{136}	17.2	X	260.46498	16.76056	124.02526	3.15610	0.1317277	0.25566785	2.4585854	21	11 26.8	20.0
268310 2005 QZ_{136}	16.5	X	188.28124	115.15217	357.66534	30.93858	0.2888000	0.23397765	2.6082735	21	8 7.0	21.7
268311 2005 QU_{140}	16.7	X	120.01387	166.66111	157.24289	7.03900	0.1367236	0.26766985	2.3845316	21	—	—
268312 2005 QV_{141}	17.1	X	203.04945	97.54940	191.61318	7.30471	0.1787567	0.27521562	2.3407444	21	—	—
268313 2005 QX_{146}	17.4	X	48.70589	291.75317	55.15791	3.11696	0.1897843	0.25932488	2.4354166	21	—	—
268314 2005 QK_{152}	17.1	X	15.40789	41.39482	338.32420	14.35293	0.1256647	0.25645051	2.4535807	21	12 26.2	20.3
268315 2005 QQ_{153}	16.6	X	308.63372	335.44548	100.13340	7.17460	0.0740431	0.25356656	2.4721495	21	11 20.5	19.5
268316 2005 QV_{159}	16.1	X	31.96271	11.22976	354.75188	22.79158	0.0742412	0.25853916	2.4403483	21	12 23.4	19.8
268317 2005 QO_{161}	16.6	X	187.85855	297.77292	54.53258	5.30492	0.1714746	0.28295490	2.2978653	21	2 21.4	20.2
268318 2005 QX_{161}	17.3	X	303.23545	215.88923	64.79975	4.35349	0.1339478	0.29358621	2.2420517	21	3 19.7	19.9
268319 2005 QR_{166}	15.0	X	294.57028	26.03669	285.17804	23.65661	0.1983492	0.17447197	3.1718960	21	4 8.8	20.1
268320 2005 RB_{30}	17.4	X	197.27285	294.14875	349.47024	2.18744	0.2131308	0.27474271	2.3434297	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268321 2005 RP_{45}	16.9	X	328.49989	112.66346	343.09670	4.43151	0.0669812	0.26146087	2.4221345	21	—	—
268322 2005 RR_{45}	17.5	X	271.96284	3.13671	123.84411	2.00398	0.1352966	0.25432139	2.4672555	21	11 24.4	20.1
268323 2005 SN_{14}	16.5	X	215.27118	282.85467	31.86561	9.91011	0.2270232	0.28300617	2.2975878	21	2 1.4	20.5
268324 2005 SP_{17}	17.3	X	280.57389	223.02808	14.29826	2.20750	0.1239902	0.27761770	2.3272227	21	—	—
268325 2005 SS_{23}	16.1	X	216.18002	22.95117	142.86884	8.29136	0.0767146	0.25322565	2.4743678	21	11 11.7	19.6
268326 2005 SE_{26}	17.5	X	254.86915	117.06611	161.38397	2.71242	0.2395952	0.28326556	2.2961849	21	1 15.3	21.5
268327 2005 SU_{38}	17.3	X	183.22930	286.04980	12.10535	2.59680	0.1868442	0.27262138	2.3555705	21	—	—
268328 2005 SG_{74}	17.3	X	211.68847	76.41745	188.17934	5.68962	0.1674263	0.27249603	2.3562928	21	—	—
268329 2005 SH_{83}	17.3	X	310.62313	11.00380	206.68680	2.05269	0.0677741	0.27804240	2.3248523	21	1 12.4	20.2
268330 2005 SX_{87}	17.3	X	264.08913	272.00648	179.54333	5.96242	0.0787982	0.24577173	2.5241477	21	10 2.4	20.5
268331 2005 SL_{88}	17.4	X	280.98871	43.22921	353.37801	4.43455	0.1972617	0.23834620	2.5763047	21	7 22.9	20.8
268332 2005 SM_{96}	17.4	X	250.95413	249.54788	158.48663	3.59173	0.2450298	0.23601707	2.5932264	21	6 25.4	21.4
268333 2005 SD_{99}	17.0	X	231.61187	109.00568	299.32277	3.96578	0.2166478	0.23142208	2.6274402	21	6 10.2	21.3
268334 2005 SD_{101}	17.3	X	19.75169	20.01686	342.70120	5.44060	0.1304324	0.25157121	2.4852043	21	12 6.8	20.3
268335 2005 SA_{104}	16.2	X	209.88160	72.62248	241.06563	5.22568	0.1899284	0.27746766	2.3280616	21	1 21.7	20.0
268336 2005 ST_{114}	17.0	X	136.01123	63.84759	255.96403	1.55231	0.2275734	0.26772854	2.3841831	21	—	—
268337 2005 SK_{133}	16.3	X	246.89178	222.29407	206.53347	11.72198	0.1547326	0.23594268	2.5937715	21	7 25.3	20.3
268338 2005 SK_{150}	17.5	X	220.71337	79.54282	177.80959	4.78173	0.2011880	0.27042780	2.3682915	21	—	—
268339 2005 SQ_{150}	17.2	X	219.96810	226.23546	179.01539	3.71937	0.2246439	0.22903245	2.6456844	21	5 27.7	21.6
268340 2005 SF_{155}	16.4	X	293.85398	284.34498	103.26840	11.76156	0.2272445	0.24222756	2.5487095	21	7 23.8	19.4
268341 2005 SR_{162}	16.6	X	101.53681	320.34509	36.53776	7.03665	0.1589725	0.26757761	2.3850796	21	—	—
268342 2005 SW_{163}	16.7	X	91.07913	302.49038	64.35263	7.05900	0.1386791	0.26417781	2.4054989	21	—	—
268343 2005 SP_{176}	16.9	X	255.87284	241.72040	227.14253	4.73665	0.1299185	0.24600888	2.5225253	21	10 4.6	20.1
268344 2005 SD_{178}	17.3	X	223.40724	311.75728	298.04115	2.82074	0.0869121	0.26899082	2.3767185	21	—	—
268345 2005 SK_{212}	17.0	X	151.16653	154.88812	21.03812	6.70466	0.0673041	0.23924873	2.5698215	21	9 9.1	20.7
268346 2005 SV_{236}	17.7	X	141.05407	356.07895	307.26447	1.77783	0.1736566	0.26381758	2.4076881	21	—	—
268347 2005 SZ_{244}	17.9	X	188.20737	167.65115	275.87184	0.48319	0.1830896	0.22892432	2.6465175	21	6 17.8	22.2
268348 2005 SG_{246}	17.0	X	251.32398	196.07756	342.34196	0.48537	0.1621574	0.25664648	2.4523315	21	12 29.1	19.9
268349 2005 SU_{247}	17.3	X	332.12218	148.23497	219.15058	0.92793	0.0863023	0.24326387	2.5414660	21	9 18.9	20.1
268350 2005 SS_{251}	17.1	X	51.57221	324.82448	52.08999	3.14308	0.1805327	0.26122862	2.4235699	21	—	—
268351 2005 SV_{253}	17.2	X	124.64882	164.76241	146.89862	6.92205	0.1520175	0.26696740	2.3887126	21	—	—
268352 2005 SC_{256}	16.9	X	168.90859	343.07214	288.13822	2.31501	0.1619018	0.26720365	2.3873044	21	—	—
268353 2005 SS_{278}	17.4	X	263.88472	201.21824	312.86240	0.77614	0.1272814	0.25510315	2.4622124	21	12 20.0	20.2
268354 2005 TX_{4}	17.2	X	287.09160	19.36923	173.70294	2.53694	0.1616518	0.26701165	2.3884486	21	—	—
268355 2005 TK_{7}	16.1	X	223.40498	123.66200	332.44480	13.89458	0.1620888	0.23642431	2.5902477	21	8 9.5	20.1
268356 2005 TR_{23}	16.7	X	253.45358	182.30896	357.99433	6.33684	0.0592397	0.26188346	2.4195281	21	—	—
268357 2005 TD_{27}	17.3	X	243.38691	239.34136	194.45673	2.37365	0.1623077	0.23505169	2.6003220	21	7 29.6	21.1
268358 2005 TH_{29}	17.3	X	163.32295	78.89993	223.68704	1.95771	0.1270105	0.26886297	2.3774719	21	—	—
268359 2005 TO_{29}	16.2	X	171.98104	44.55661	25.99759	11.88092	0.1758286	0.22274263	2.6952589	21	5 15.7	20.8
268360 2005 TG_{32}	17.3	X	201.77084	176.19056	132.08411	3.14459	0.1153563	0.27591136	2.3368078	21	1 6.2	20.5
268361 2005 TD_{42}	16.5	X	223.44061	57.19505	231.69077	5.09236	0.2186593	0.27739249	2.3284822	21	1 4.2	20.5
268362 2005 TG_{85}	17.0	X	282.48155	262.65361	5.62083	3.80963	0.2178259	0.28431491	2.2905316	21	1 28.9	20.4
268363 2005 TX_{99}	16.2	X	200.58424	51.02335	23.30323	12.91725	0.1791878	0.22842104	2.6504034	21	6 15.9	20.7
268364 2005 TS_{114}	17.1	X	156.63854	21.55169	248.58221	2.08367	0.1662685	0.26295106	2.4129747	21	—	—
268365 2005 TB_{119}	17.6	X	144.65385	38.29122	256.74145	0.98744	0.1780193	0.26455946	2.4031849	21	—	—
268366 2005 TD_{119}	16.8	X	261.76414	178.54057	10.74719	5.48370	0.2303125	0.26212888	2.4180176	21	—	—
268367 2005 TO_{121}	17.6	X	172.57684	81.36471	224.02597	1.62804	0.2123385	0.27216727	2.3581900	21	—	—
268368 2005 TS_{125}	17.5	X	229.14766	278.95296	194.32250	2.07200	0.0951171	0.24111826	2.5565207	21	9 12.1	21.2
268369 2005 TE_{136}	17.6	X	226.47756	281.01604	168.47515	4.74833	0.1750484	0.23679949	2.5875110	21	7 30.7	21.6
268370 2005 TO_{141}	17.3	X	251.90360	38.32693	59.55484	4.07433	0.1247635	0.24232652	2.5480156	21	9 18.6	20.7
268371 2005 TF_{149}	17.2	X	150.43780	118.48085	156.82874	5.78659	0.1116572	0.26053598	2.4278634	21	—	—
268372 2005 TS_{150}	17.0	X	284.90703	104.60901	88.22305	3.39565	0.1097588	0.26729142	2.3867817	21	—	—
268373 2005 TD_{163}	17.4	X	227.15465	110.88843	348.39985	2.97491	0.1865387	0.23659151	2.5890272	21	8 13.5	21.5
268374 2005 TU_{164}	17.0	X	320.58612	29.52392	336.19911	2.36357	0.1551376	0.24072716	2.5592890	21	8 20.8	19.5
268375 2005 TJ_{165}	16.8	X	223.49209	25.15416	358.86380	2.18033	0.1568653	0.22637967	2.6663128	21	5 6.5	20.9
268376 2005 TC_{180}	16.5	X	226.77275	337.32813	326.72515	6.56366	0.1146689	0.28134868	2.3066027	21	1 26.3	19.8
268377 2005 TP_{193}	16.6	X	75.90122	202.85040	135.21450	7.54557	0.1330508	0.25578993	2.4578031	21	—	—
268378 2005 UH_{20}	16.2	X	158.47485	90.88468	43.30454	13.55629	0.1833951	0.22868953	2.6483285	21	7 29.3	20.8
268379 2005 UH_{21}	16.9	X	274.34741	182.72992	2.22499	3.39019	0.0759898	0.26157745	2.4214147	21	—	—
268380 2005 UN_{23}	17.0	X	204.90169	351.39028	309.87892	1.63681	0.2142912	0.27454775	2.3445390	21	1 5.3	20.9
268381 2005 US_{26}	16.8	X	188.15069	50.26531	358.84585	3.19606	0.1885495	0.22302310	2.6929987	21	5 5.1	21.4
268382 2005 UO_{50}	16.5	X	276.80081	136.56675	240.53360	4.00711	0.1898712	0.23428368	2.6060017	21	6 20.3	20.0
268383 2005 UU_{56}	16.4	X	303.14210	27.55920	9.83197	9.13349	0.0186438	0.24082964	2.5585629	21	9 22.3	19.7
268384 2005 UJ_{57}	16.4	X	195.97633	0.16153	64.11802	7.68800	0.1507541	0.22662953	2.6643527	21	5 31.8	20.7
268385 2005 UV_{60}	17.0	X	128.92359	116.43996	52.46797	5.69329	0.1442271	0.22902266	2.6457598	21	8 10.6	21.1
268386 2005 UE_{62}	17.0	X	338.19071	186.36847	163.17149	0.79481	0.1324944	0.23913564	2.5706316	21	9 1.9	19.6
268387 2005 UW_{88}	16.6	X	254.64980	103.00945	46.91687	7.27141	0.0787785	0.25171155	2.4842804	21	12 6.5	19.7
268388 2005 UK_{102}	17.0	X	325.77817	195.21890	171.37494	4.68991	0.1008187	0.23999046	2.5645238	21	9 5.4	19.6
268389 2005 US_{123}	17.2	X	238.72693	139.59941	287.15578	0.69884	0.0877553	0.23373004	2.6101153	21	7 24.4	20.9
268390 2005 UN_{129}	16.5	X	206.00606	40.69589	40.04746	12.14243	0.0899882	0.22989826	2.6390377	21	7 5.4	20.6
268391 2005 UO_{133}	17.0	X	220.75853	288.90429	1.71047	6.86691	0.1124838	0.27877161	2.3207963	21	1 3.7	20.5
268392 2005 UB_{143}	17.4	X	228.51696	149.56926	263.11475	1.39399	0.0996614	0.22838730	2.6506645	21	6 22.3	21.3
268393 2005 UU_{146}	16.7	X	292.75372	17.94111	7.00361	2.97229	0.0313184	0.23642589	2.5902362	21	8 19.1	19.9
268394 2005 UJ_{148}	17.2	X	191.65479	73.07459	8.67661	3.60681	0.2284594	0.22632263	2.6667608	21	6 17.9	21.8
268395 2005 UR_{155}	16.9	X	249.26141	145.50572	168.02451	11.26925	0.2338768	0.28581209	2.2825256	21	2 21.6	20.7
268396 2005 UR_{156}	16.8	X	252.12897	212.33684	175.65927	4.60974	0.2605585	0.23065660	2.6332502	21	5 31.4	21.1
268397 2005 UJ_{169}	16.8	X	227.93241	190.96989	251.16005	3.22742	0.1535421	0.23302373	2.6153869	21	7 24.6	20.9
268398 2005 UG_{174}	17.2	X	235.72789	115.29152	314.37436	3.03800	0.1636242	0.23203493	2.6228119	21	7 16.7	21.0
268399 2005 UW_{183}	17.1	X	320.27283	127.00448	217.37815	1.99319	0.0519254	0.23449767	2.6044160	21	7 29.6	20.2
268400 2005 UE_{193}	17.4	X	194.44226	300.54028	187.91996	3.16145	0.1479578	0.23649595	2.5897246	21	8 19.9	21.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268401 2005 UV_{193}	17.7	X	257.30459	96.70777	151.74244	1.84799	0.1564804	0.27377723	2.3489359	21	—	—
268402 2005 UN_{201}	17.2	X	238.51187	21.26067	91.28567	1.32738	0.0667718	0.24032152	2.5621680	21	9 27.9	20.6
268403 2005 UC_{202}	17.3	X	231.14425	201.99378	214.22361	4.12626	0.0748689	0.23020565	2.6366879	21	7 2.1	21.1
268404 2005 UU_{205}	17.0	X	211.99459	217.49236	208.32934	2.23327	0.1379119	0.22801108	2.6535794	21	6 19.0	21.1
268405 2005 UT_{226}	17.0	X	221.26465	33.49576	54.10579	3.17441	0.1570585	0.23258996	2.6186376	21	7 26.2	21.0
268406 2005 UK_{236}	17.2	X	155.38008	138.55241	132.38840	3.70577	0.1542133	0.25650177	2.4532537	21	—	—
268407 2005 UX_{239}	16.9	X	182.07852	348.35674	146.44900	5.34257	0.1753322	0.23143477	2.6273443	21	8 16.1	21.1
268408 2005 UO_{283}	17.3	X	278.43160	260.33562	175.28089	3.95580	0.1180557	0.24233293	2.5479707	21	9 24.3	20.1
268409 2005 UJ_{293}	17.1	X	191.44387	323.70535	291.48101	2.84152	0.1783360	0.26011627	2.4304743	21	—	—
268410 2005 UJ_{307}	16.8	X	216.73285	115.40872	33.24794	2.35552	0.0793174	0.24248548	2.5469019	21	10 16.5	20.2
268411 2005 UP_{308}	17.2	X	255.08339	133.23434	245.70697	0.76841	0.0893450	0.22838811	2.6506582	21	6 10.1	20.9
268412 2005 UN_{313}	16.5	X	281.09103	299.57688	115.13093	7.66215	0.1231451	0.24045886	2.5611924	21	8 31.3	19.7
268413 2005 UG_{314}	15.8	X	294.98132	205.96517	245.50145	13.72616	0.0593548	0.25351776	2.4724667	21	11 20.0	18.8
268414 2005 UR_{320}	16.7	X	232.23353	347.88955	78.28788	5.10153	0.0731717	0.23181618	2.6244616	21	7 18.0	20.3
268415 2005 UV_{352}	16.4	X	176.49583	116.37012	11.89975	11.88823	0.1400592	0.23164959	2.6257197	21	8 7.9	20.7
268416 2005 UO_{363}	17.5	X	273.07160	221.94781	160.31329	2.55338	0.1493889	0.23360883	2.6110181	21	6 28.6	21.0
268417 2005 UL_{373}	16.6	X	211.50522	106.39594	26.10528	4.68791	0.0655361	0.23761905	2.5815580	21	9 21.3	20.2
268418 2005 UH_{391}	17.4	X	263.69741	64.19867	346.71865	13.55730	0.2423536	0.24041499	2.5615039	21	7 16.5	21.3
268419 2005 UE_{399}	16.5	X	37.23986	272.16121	30.11561	5.28733	0.0452958	0.23873981	2.5734722	21	9 28.8	19.7
268420 2005 UO_{421}	17.3	X	46.64268	41.91257	262.33385	1.52860	0.1445924	0.24623489	2.5209815	21	10 29.2	20.4
268421 2005 UE_{470}	16.2	X	242.79458	308.04019	346.98394	4.28011	0.0435395	0.21235013	2.7824948	21	2 14.8	20.3
268422 2005 UM_{475}	16.1	X	146.76472	251.44263	241.61588	11.39574	0.2013200	0.22566401	2.6719471	21	7 11.9	20.7
268423 2005 UM_{483}	17.1	X	271.87523	251.19637	169.65330	5.24970	0.1955221	0.23999885	2.5644640	21	8 11.2	20.5
268424 2005 UF_{484}	17.1	X	278.22112	263.56160	145.41320	4.49382	0.1784204	0.23896405	2.5718620	21	8 6.9	20.2
268425 2005 UB_{491}	16.4	X	77.23328	338.58435	353.26334	5.57310	0.0808291	0.25298329	2.4759479	21	—	—
268426 2005 UZ_{493}	16.6	X	197.40724	85.67839	16.60279	11.84089	0.1346978	0.23041031	2.6351263	21	7 25.4	20.9
268427 2005 UJ_{506}	15.8	X	143.95363	346.65566	340.79907	7.91175	0.1222748	0.18234112	3.0799687	21	—	—
268428 2005 UU_{508}	17.3	X	176.96283	128.79198	55.61540	3.40167	0.0765397	0.24116926	2.5561603	21	10 17.8	20.9
268429 2005 UL_{511}	17.3	X	188.11589	178.56900	320.24163	0.88783	0.1391993	0.23249236	2.6193705	21	8 27.9	21.3
268430 2005 UM_{512}	16.6	X	307.71003	229.63411	130.39902	5.99568	0.1408664	0.23541466	2.5976485	21	7 20.4	19.5
268431 2005 VS_{6}	16.8	X	213.44293	100.83164	297.40878	4.85988	0.0675263	0.22305763	2.6927208	21	5 18.4	20.7
268432 2005 VN_{25}	16.9	X	186.86305	169.09734	293.01104	3.57028	0.1720603	0.22929265	2.6436825	21	7 10.3	21.2
268433 2005 VP_{42}	16.8	X	122.94581	279.79731	160.31896	4.30058	0.1800154	0.21348212	2.7726500	21	4 15.4	21.0
268434 2005 VG_{43}	16.4	X	290.13592	323.85511	111.99982	8.57534	0.1018471	0.24747855	2.5125286	21	10 20.7	19.4
268435 2005 VO_{43}	16.2	X	247.49467	1.22984	52.05213	9.93111	0.1227998	0.23044093	2.6348929	21	7 13.9	20.1
268436 2005 VE_{53}	16.7	X	291.12317	241.63908	161.71634	3.29310	0.2379111	0.23823185	2.5771291	21	8 8.0	19.6
268437 2005 VO_{82}	17.2	X	151.26031	145.94175	15.02329	4.32887	0.2143595	0.23037380	2.6354047	21	8 24.0	21.6
268438 2005 VJ_{89}	17.1	X	219.67700	307.46535	139.59335	3.98384	0.0861725	0.23201692	2.6229476	21	7 28.7	20.8
268439 2005 VH_{113}	17.4	X	179.28275	257.99260	185.98878	8.51982	0.2793751	0.22408871	2.6844546	21	6 11.9	22.4
268440 2005 VH_{124}	17.5	X	181.44615	143.83951	18.11125	3.14511	0.1548695	0.23440498	2.6051025	21	9 20.0	21.7
268441 2005 VH_{128}	17.0	X	224.71832	309.03780	163.59313	3.86886	0.1770641	0.23977217	2.5660801	21	8 28.4	20.9
268442 2005 WK_{23}	17.0	X	320.04903	27.38845	337.97869	1.85492	0.1166663	0.23714482	2.5849984	21	8 23.1	19.9
268443 2005 WY_{26}	16.4	X	292.45675	100.64691	266.14873	3.15007	0.1384288	0.23230172	2.6208034	21	7 6.0	19.4
268444 2005 WV_{28}	17.1	X	217.42524	64.16051	45.16970	4.48264	0.1215703	0.23321219	2.6139777	21	8 23.8	21.1
268445 2005 WU_{36}	16.7	X	250.57944	250.64768	126.49827	1.38285	0.1673978	0.22656679	2.6648445	21	5 24.8	20.8
268446 2005 WA_{45}	17.0	X	234.11703	125.39329	256.83451	2.37103	0.1572095	0.22517078	2.6758475	21	5 14.9	21.3
268447 2005 WB_{46}	17.1	X	157.50493	12.91647	65.84041	2.79241	0.1899623	0.21833479	2.7314133	21	5 16.4	21.4
268448 2005 WB_{51}	16.3	X	314.38221	327.82521	73.93201	6.72334	0.1391439	0.23986097	2.5654467	21	10 7.5	19.0
268449 2005 WP_{51}	16.8	X	271.36075	297.58773	63.99687	3.38497	0.2239934	0.22844560	2.6502134	21	5 20.0	20.7
268450 2005 WU_{51}	16.4	X	240.11532	139.39487	264.46772	4.98286	0.0776237	0.22678459	2.6631381	21	6 26.5	20.0
268451 2005 WU_{53}	16.8	X	161.88539	109.50805	72.55040	8.10300	0.1371966	0.23553330	2.5967761	21	9 30.7	21.0
268452 2005 WR_{69}	16.8	X	325.40522	247.90075	135.31587	1.36529	0.1495697	0.23990583	2.5651269	21	9 27.3	19.2
268453 2005 WA_{72}	16.0	X	284.29021	130.79252	286.49445	13.02298	0.0876179	0.24105398	2.5569752	21	9 4.4	19.4
268454 2005 WT_{72}	16.2	X	114.21436	217.04304	262.30156	6.42954	0.1504712	0.21634194	2.7481614	21	5 20.0	20.2
268455 2005 WE_{85}	14.5	X	62.47520	248.08837	41.51397	10.32959	0.2188169	0.12385857	3.9858291	21	10 25.6	20.0
268456 2005 WR_{93}	16.2	X	136.78200	332.93392	109.98903	11.59573	0.2569425	0.21214142	2.7843195	21	5 12.2	21.0
268457 2005 WT_{93}	14.5	X	247.72322	270.43654	281.90702	23.85378	0.2467962	0.18023281	3.1039412	21	12 14.6	19.1
268458 2005 WT_{111}	16.4	X	162.60456	8.16231	79.99344	10.25294	0.1683339	0.22074332	2.7115087	21	6 1.0	20.8
268459 2005 WN_{117}	16.1	X	151.28439	73.68516	42.94726	13.80320	0.1118268	0.22370796	2.6874997	21	6 21.5	20.4
268460 2005 WY_{120}	17.4	X	34.45730	255.87483	208.33739	1.64870	0.1790011	0.26292000	2.4131647	21	—	—
268461 2005 WD_{156}	16.1	X	120.19260	188.56361	149.93143	7.33895	0.1264953	0.26045171	2.4283870	21	—	—
268462 2005 WW_{165}	16.9	X	340.15923	205.66995	158.88526	0.69733	0.0874497	0.24035073	2.5619604	21	9 28.9	19.7
268463 2005 WS_{177}	16.9	X	117.57633	164.44850	52.55196	2.12757	0.0388702	0.23110366	2.6298532	21	9 18.9	20.5
268464 2005 WX_{180}	16.5	X	196.44387	315.80744	176.29519	11.91330	0.1576161	0.23246258	2.6195942	21	8 25.1	20.7
268465 2005 WG_{184}	16.7	X	206.55423	336.86172	158.82471	3.57769	0.1190852	0.23485315	2.6017873	21	9 13.6	20.4
268466 2005 WG_{190}	16.3	X	173.94301	38.22631	18.61802	9.73421	0.2267115	0.21905260	2.7254430	21	5 2.7	21.1
268467 2005 WV_{195}	16.3	X	71.82773	54.74997	124.29765	4.54551	0.0331386	0.21246654	2.7814783	21	5 28.5	19.9
268468 2005 WH_{205}	17.1	X	182.04695	231.22134	265.77098	1.17800	0.1440195	0.23112766	2.6296711	21	8 19.1	21.2
268469 2005 WU_{207}	15.9	X	326.96835	161.40774	130.84123	6.99368	0.0290303	0.21285569	2.7780872	21	6 1.5	19.6
268470 2005 XJ_{6}	16.2	X	29.67010	25.58958	297.49209	4.34123	0.1496243	0.24157356	2.5533075	21	10 28.5	19.2
268471 2005 XC_{22}	16.3	X	346.79491	17.54617	319.89951	4.04852	0.2605285	0.23921447	2.5700668	21	8 31.2	17.9
268472 2005 XK_{31}	16.7	X	327.52681	202.63602	159.81945	3.12547	0.1388901	0.23489893	2.6014492	21	8 30.4	19.3
268473 2005 XK_{51}	16.7	X	192.91075	82.90991	341.50268	4.51139	0.1037355	0.21977005	2.7195082	21	5 28.9	20.9
268474 2005 XC_{52}	16.3	X	225.85267	357.55188	37.85878	4.56356	0.1051974	0.22134488	2.7065937	21	5 26.9	20.3
268475 2005 XN_{52}	16.6	X	278.00254	47.07844	338.52350	3.73012	0.1493266	0.22986098	2.6393230	21	7 10.5	20.1
268476 2005 XV_{52}	17.1	X	161.93657	100.84238	321.07099	4.17154	0.0737848	0.21398708	2.7682864	21	4 20.8	21.2
268477 2005 XM_{59}	16.5	X	310.32982	53.99303	336.70526	1.91964	0.1245807	0.23698326	2.5861732	21	9 10.7	19.3
268478 2005 XV_{59}	16.3	X	241.78135	347.46243	77.22488	7.21711	0.0722114	0.22938771	2.6429521	21	7 28.9	20.0
268479 2005 XJ_{61}	17.2	X	148.74485	111.30610	316.33936	2.69169	0.0611552	0.21294377	2.7773211	21	4 12.6	21.2
268480 2005 XN_{63}	16.7	X	172.72264	67.08623	49.46455	3.26790	0.0314939	0.22620934	2.6676511	21	7 14.8	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268481 2005 XW_{65}	15.8	X	335.98191	168.35806	213.42377	4.56154	0.2291210	0.24142126	2.5543812	21	10 16.6	17.5
268482 2005 XH_{69}	16.6	X	113.32423	213.94403	48.88607	8.30439	0.1698398	0.24253305	2.5465689	21	11 20.8	20.7
268483 2005 XS_{72}	16.5	X	207.06100	139.93340	50.60908	4.85630	0.1024489	0.24195512	2.5506224	21	11 24.5	20.0
268484 2005 XZ_{73}	14.9	X	181.43513	105.74878	85.64302	23.72609	0.0898917	0.17390407	3.1787977	21	11 1.8	20.2
268485 2005 XM_{76}	16.2	X	151.31257	0.73648	104.02510	10.05020	0.1142139	0.21619372	2.7494173	21	6 8.6	20.4
268486 2005 XX_{82}	16.6	X	208.32795	79.93073	341.32358	6.81361	0.1684266	0.22650233	2.6653501	21	6 7.5	21.0
268487 2005 XJ_{84}	16.1	X	351.65860	199.99290	166.56873	6.07663	0.2129034	0.24271903	2.5452679	21	11 3.1	18.2
268488 2005 YO	16.4	X	12.93859	327.33649	261.36572	2.74423	0.0261269	0.21718444	2.7410497	21	5 9.8	19.9
268489 2005 YF_{3}	15.4	X	343.77459	347.35398	20.73919	15.31275	0.1945367	0.24199735	2.5503256	21	10 13.9	17.2
268490 2005 YW_{10}	17.0	X	278.11936	110.01761	268.01509	1.20065	0.0563742	0.22783340	2.6549588	21	7 14.3	20.6
268491 2005 YC_{16}	16.7	X	191.78376	291.60969	117.32656	4.74392	0.0781871	0.21425386	2.7659879	21	5 10.9	20.8
268492 2005 YE_{25}	17.1	X	37.29489	166.23241	126.02385	2.44653	0.0176704	0.22866602	2.6485100	21	9 9.9	20.5
268493 2005 YF_{29}	16.9	X	60.77099	302.06231	313.23734	3.29572	0.1636332	0.22505538	2.6767621	21	9 12.4	20.5
268494 2005 YG_{43}	16.5	X	273.77026	292.11274	125.10350	4.43270	0.0599852	0.22995780	2.6385821	21	9 1.0	19.9
268495 2005 YO_{44}	16.4	X	319.54749	242.54186	114.81993	9.04859	0.1366459	0.23037549	2.6353918	21	8 8.4	19.2
268496 2005 YR_{48}	16.4	X	148.04621	99.94831	301.76468	5.81740	0.1200732	0.20586180	2.8406575	21	3 15.6	20.8
268497 2005 YY_{56}	16.5	X	55.13043	263.18156	303.00148	5.43763	0.0540135	0.21823297	2.7322628	21	6 12.2	20.0
268498 2005 YC_{72}	17.0	X	187.39718	108.32035	324.65289	3.62242	0.0719451	0.22040302	2.7142990	21	6 3.7	21.1
268499 2005 YA_{83}	16.6	X	127.55259	197.79147	259.83951	1.93031	0.1577796	0.21154645	2.7895376	21	5 8.2	20.7
268500 2005 YF_{86}	16.4	X	258.22419	47.33729	294.43779	3.87075	0.0532955	0.21507358	2.7589553	21	4 29.6	20.3
268501 2005 YY_{105}	16.6	X	287.68026	15.02806	267.83954	2.46901	0.0569710	0.20937808	2.8087639	21	3 21.7	20.5
268502 2005 YU_{110}	16.8	X	231.46137	165.63018	217.32096	2.95096	0.1066659	0.21882079	2.7273675	21	5 17.8	20.7
268503 2005 YA_{113}	16.0	X	158.56280	262.09484	111.09250	2.97216	0.0835680	0.20440492	2.8541392	21	2 20.4	20.2
268504 2005 YM_{115}	16.5	X	232.00299	357.47574	10.88515	3.34457	0.1049018	0.21479423	2.7613470	21	4 29.2	20.6
268505 2005 YY_{119}	16.5	X	74.49790	148.42017	131.89713	3.03202	0.0981123	0.23370494	2.6103022	21	10 26.7	20.0
268506 2005 YW_{129}	16.2	X	196.72892	5.47602	87.28736	10.21502	0.0812114	0.22362559	2.6881596	21	7 10.7	20.2
268507 2005 YG_{132}	16.5	X	59.29107	149.09940	298.60642	0.84160	0.0401640	0.19576053	2.9375547	21	1 16.1	20.1
268508 2005 YE_{135}	16.9	X	112.48232	53.47107	68.35833	5.14062	0.1543602	0.21308117	2.7761270	21	5 22.7	20.9
268509 2005 YP_{149}	16.8	X	300.50805	348.15049	35.99450	3.09208	0.2251288	0.23251306	2.6192150	21	7 30.5	19.7
268510 2005 YK_{150}	16.5	X	47.96226	159.69323	60.47156	3.59725	0.0131091	0.21788793	2.7351466	21	6 16.2	20.0
268511 2005 YK_{153}	16.5	X	274.46927	36.60002	343.86907	3.09724	0.1758475	0.23072697	2.6327148	21	6 24.2	20.2
268512 2005 YJ_{156}	16.3	X	168.45547	150.62392	265.54966	4.22138	0.0479645	0.21254564	2.7807882	21	4 19.8	20.3
268513 2005 YB_{159}	16.3	X	79.07158	51.29693	132.13027	6.02122	0.0570179	0.21746834	2.7386636	21	6 16.4	19.9
268514 2005 YV_{161}	16.9	X	190.28902	282.55564	142.54699	6.21196	0.0325967	0.21693364	2.7431619	21	5 29.9	20.8
268515 2005 YD_{178}	17.1	X	77.61171	153.66410	342.75798	0.65952	0.0253259	0.20861490	2.8156100	21	4 7.9	20.7
268516 2005 YR_{189}	17.1	X	238.81987	256.61457	139.84170	2.72204	0.0256828	0.22066086	2.7121842	21	6 21.4	20.8
268517 2005 YR_{191}	16.9	X	168.63848	123.80746	329.13600	2.68090	0.0634668	0.21616211	2.7496854	21	6 8.5	20.9
268518 2005 YW_{196}	17.4	X	182.76637	139.79668	306.09778	1.77894	0.0643763	0.21978256	2.7194050	21	6 15.8	21.2
268519 2005 YR_{199}	16.2	X	358.10359	178.29458	125.04097	5.00078	0.0030994	0.22254086	2.6968878	21	7 30.4	19.7
268520 2005 YR_{203}	16.5	X	324.91687	272.91625	296.14936	4.83484	0.0616141	0.19959908	2.8997709	21	2 5.9	20.3
268521 2005 YE_{209}	15.6	X	75.58084	37.74424	89.14915	16.03943	0.0957919	0.20488402	2.8496881	21	4 12.2	19.6
268522 2005 YW_{211}	16.4	X	71.12640	91.63496	19.00984	6.61489	0.2270848	0.20313093	2.8660604	21	3 26.7	19.8
268523 2005 YF_{212}	16.5	X	136.15559	259.76470	181.30435	7.58216	0.2135227	0.21122948	2.7923275	21	5 3.5	21.0
268524 2005 YO_{220}	16.0	X	130.21110	47.66511	80.11580	9.60963	0.0918976	0.21599281	2.7511220	21	6 12.1	20.0
268525 2005 YX_{221}	16.3	X	178.87742	349.15229	75.09190	6.03686	0.1031084	0.21855199	2.7296033	21	5 15.9	20.6
268526 2005 YZ_{227}	16.3	X	93.11201	251.62765	270.45436	3.96504	0.0559282	0.21668575	2.7452536	21	6 6.0	19.8
268527 2005 YU_{249}	16.5	X	140.94258	357.73934	91.45680	5.12839	0.0671902	0.21367764	2.7709583	21	5 4.7	20.5
268528 2005 YN_{254}	16.3	X	322.94935	355.78877	18.07083	5.21386	0.1319009	0.23412108	2.6072082	21	9 10.1	19.0
268529 2005 YY_{257}	16.8	X	267.86808	9.98129	36.84391	1.66969	0.1596921	0.23186570	2.6240879	21	7 24.4	20.4
268530 2005 YN_{264}	16.3	X	57.25694	232.68853	321.15869	6.74179	0.1543686	0.21155123	2.7894956	21	6 13.1	19.8
268531 2005 YX_{274}	16.2	X	117.18480	322.52233	145.78584	8.53919	0.1834658	0.21035003	2.8001051	21	5 16.7	20.5
268532 2005 YN_{282}	16.8	X	43.00505	47.00125	208.48020	1.44397	0.1408532	0.22070336	2.7118360	21	8 13.7	20.1
268533 2006 AT_{19}	16.2	X	168.30879	12.11099	55.19849	5.52691	0.0719253	0.21391085	2.7689440	21	5 7.1	20.1
268534 2006 AB_{28}	15.6	X	267.31176	136.72471	158.87614	12.92387	0.0233054	0.19722713	2.9229740	21	3 21.9	19.7
268535 2006 AR_{31}	16.3	X	77.56497	108.93258	39.39491	7.62710	0.1327520	0.21013046	2.8020553	21	5 8.8	19.8
268536 2006 AW_{31}	15.6	X	315.64048	46.55885	74.82331	2.61853	0.0382607	0.18345258	3.0675159	21	—	—
268537 2006 AH_{33}	16.4	X	128.19867	37.02502	81.40843	10.11601	0.1338654	0.21516403	2.7581821	21	6 2.7	20.6
268538 2006 AP_{36}	16.8	X	43.09966	249.12451	357.97627	2.26984	0.0252083	0.22001891	2.7174572	21	7 18.4	20.2
268539 2006 AL_{41}	17.0	X	16.72722	274.28696	324.43580	3.40162	0.0152279	0.21400618	2.7681216	21	5 28.6	20.6
268540 2006 AE_{44}	15.9	X	88.74459	297.98354	135.13339	10.97494	0.0614633	0.19913694	2.9042556	21	2 7.9	19.6
268541 2006 AU_{47}	17.1	X	122.42160	220.13055	250.88109	2.93505	0.0620276	0.21206475	2.7849905	21	5 7.9	20.9
268542 2006 AU_{48}	17.1	X	158.40007	46.46199	92.92141	2.68971	0.0471418	0.22446183	2.6814789	21	7 27.8	20.8
268543 2006 AT_{53}	16.6	X	200.05522	94.62937	236.77481	1.15067	0.0715590	0.20061683	2.8899554	21	2 12.4	21.0
268544 2006 AN_{60}	17.2	X	76.56991	280.75623	290.70315	0.75299	0.0156138	0.22104537	2.7090380	21	7 14.4	20.9
268545 2006 AP_{60}	16.8	X	61.75763	181.34337	116.74245	3.83055	0.1377754	0.23423003	2.6063996	21	11 8.7	20.4
268546 2006 AD_{73}	16.3	X	206.01214	255.02911	120.54930	2.93339	0.0896665	0.20968839	2.8059922	21	4 14.2	20.6
268547 2006 AD_{82}	15.8	X	337.83442	357.66646	168.88291	9.00010	0.2665614	0.18744207	3.0238344	21	—	—
268548 2006 AT_{82}	15.6	X	60.97034	226.05050	349.18631	11.45649	0.2637821	0.21346757	2.7727760	21	8 9.5	19.2
268549 2006 AU_{88}	15.8	X	18.27897	146.09142	128.75657	14.57651	0.0802293	0.21865267	2.7287653	21	7 23.9	19.1
268550 2006 AV_{89}	16.5	X	135.47609	311.59177	151.03055	3.89488	0.0519087	0.21230407	2.7828973	21	5 13.5	20.5
268551 2006 AD_{105}	16.2	X	51.67348	238.96558	214.24740	1.50283	0.1386816	0.19031259	2.9933514	21	1 19.5	19.6
268552 2006 BG_{8}	15.7	X	54.81847	285.36674	141.64302	4.97102	0.1519204	0.18966480	3.0001632	21	—	—
268553 2006 BN_{21}	16.1	X	259.73301	219.11931	135.33655	6.67392	0.0497891	0.21399460	2.7682215	21	5 22.2	20.0
268554 2006 BQ_{28}	16.3	X	271.17495	212.94541	135.70717	8.27231	0.1336867	0.21571434	2.7534891	21	5 17.9	20.3
268555 2006 BF_{31}	16.2	X	151.22202	352.34546	120.33865	3.72140	0.0470439	0.21482382	2.7610934	21	6 13.4	20.2
268556 2006 BQ_{31}	16.1	X	60.07469	98.88935	108.73144	5.14787	0.1327940	0.21149677	2.7899744	21	7 3.6	19.6
268557 2006 BH_{32}	15.5	X	271.65049	60.04834	139.74091	12.05223	0.0248430	0.18435989	3.0574433	21	—	—
268558 2006 BR_{33}	15.7	X	169.99105	328.35193	343.97488	9.27308	0.0362611	0.18477484	3.0528643	21	—	—
268559 2006 BH_{34}	16.2	X	158.90366	62.79825	334.39033	7.73277	0.0939975	0.20092148	2.8870334	21	3 20.3	20.5
268560 2006 BB_{38}	16.1	X	166.23119	357.04917	341.72453	9.85793	0.0457465	0.19100342	2.9861294	21	1 18.7	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268561 2006 BX_{38}	16.5	X	294.58312	247.60572	108.17719	4.16549	0.1322405	0.23121478	2.6290105	21	6 24.8	19.9
268562 2006 BA_{40}	16.2	X	196.84428	13.52014	347.34253	1.47458	0.0805461	0.20301857	2.8671178	21	3 16.7	20.6
268563 2006 BK_{46}	16.2	X	290.48358	211.44358	145.53820	5.64344	0.1356561	0.21751133	2.7383027	21	6 20.4	19.8
268564 2006 BY_{47}	17.0	X	42.83337	277.50970	22.55415	1.97067	0.0732825	0.22979272	2.6398456	21	10 5.5	20.2
268565 2006 BS_{52}	16.3	X	231.62117	30.25219	326.09431	3.10689	0.1142988	0.20957550	2.8069998	21	4 12.9	20.7
268566 2006 BT_{59}	15.9	X	217.28704	35.96992	330.07247	4.74660	0.0546913	0.20834625	2.8180298	21	4 12.2	20.1
268567 2006 BX_{64}	16.0	X	304.84201	6.57880	300.87450	4.26499	0.1539863	0.21279080	2.7786519	21	4 29.8	19.6
268568 2006 BF_{66}	16.3	X	263.32152	209.55964	89.33250	3.21207	0.0491367	0.20388747	2.8589662	21	3 17.1	20.3
268569 2006 BN_{88}	16.1	X	175.26710	232.12192	129.05064	6.94528	0.1100238	0.20009632	2.8949650	21	2 26.2	20.5
268570 2006 BZ_{88}	16.3	X	152.63073	282.20988	126.39735	6.15505	0.1080154	0.20529501	2.8458835	21	4 2.2	20.6
268571 2006 BW_{90}	15.9	X	118.75617	85.60470	118.19502	18.89659	0.1437578	0.22355770	2.6887038	21	9 17.2	20.3
268572 2006 BV_{92}	16.4	X	142.13176	125.11370	298.67248	1.04484	0.0557293	0.20290155	2.8682201	21	4 1.2	20.5
268573 2006 BY_{97}	16.2	X	147.22638	93.18052	36.15883	9.30030	0.1297499	0.21679552	2.7443270	21	7 6.8	20.6
268574 2006 BO_{99}	16.3	X	185.85777	332.98428	96.18881	4.81852	0.0830197	0.21341934	2.7731937	21	5 29.4	20.4
268575 2006 BP_{102}	15.8	X	242.60687	101.92894	150.60928	9.50831	0.0667529	0.18879241	3.0093985	21	—	—
268576 2006 BU_{102}	16.9	X	136.08863	128.73124	273.62757	1.01151	0.0802398	0.19987105	2.8971398	21	3 1.9	21.0
268577 2006 BY_{102}	16.9	X	157.13402	194.03936	160.41810	3.30671	0.0227478	0.19369073	2.9584450	21	1 21.5	21.1
268578 2006 BO_{116}	16.3	X	222.86757	235.71667	152.49887	5.04959	0.0816837	0.21166839	2.7884661	21	5 18.5	20.4
268579 2006 BY_{121}	16.0	X	292.93916	15.09918	319.94701	3.67846	0.0888662	0.21281287	2.7784598	21	5 31.7	19.7
268580 2006 BT_{125}	16.9	X	25.58797	345.58585	117.75232	2.03546	0.1481387	0.18975514	2.9992110	21	—	—
268581 2006 BB_{126}	16.6	X	172.63585	240.38319	167.92506	2.15342	0.0731488	0.20545151	2.8444381	21	4 18.7	20.7
268582 2006 BD_{126}	16.0	X	282.21225	167.59751	160.66408	4.66178	0.0683436	0.20891706	2.8128945	21	5 13.7	19.9
268583 2006 BU_{132}	16.2	X	49.72747	348.23961	183.21466	1.87891	0.0076874	0.20294987	2.8677648	21	4 15.7	20.2
268584 2006 BG_{144}	15.8	X	105.86246	349.27883	166.19149	17.74529	0.1895036	0.21313734	2.7756393	21	7 1.8	20.3
268585 2006 BR_{145}	17.0	X	22.24560	312.75949	142.79160	23.89150	0.0956752	0.37776995	1.8951828	21	—	—
268586 2006 BL_{149}	15.8	X	97.65034	0.49890	161.99313	12.87463	0.0867512	0.21134079	2.7913470	21	6 18.4	19.9
268587 2006 BM_{161}	16.2	X	231.28702	26.10999	296.69618	5.34187	0.0610747	0.19965052	2.8992728	21	3 5.7	20.6
268588 2006 BS_{169}	16.0	X	78.65847	36.16629	340.95318	5.11773	0.0736082	0.18217598	3.0818297	21	—	—
268589 2006 BC_{180}	15.7	X	224.23089	249.33218	126.15985	6.78514	0.0715641	0.21078169	2.7962809	21	5 5.7	19.9
268590 2006 BB_{191}	15.6	X	63.26266	107.93717	351.20239	12.23469	0.1692577	0.19237874	2.9718804	21	2 21.6	19.1
268591 2006 BM_{199}	16.5	X	23.11733	270.86081	276.44835	1.70325	0.1047784	0.20069795	2.8891766	21	4 1.6	19.9
268592 2006 BP_{200}	16.4	X	344.43527	156.66617	115.00666	5.58501	0.0215656	0.21314016	2.7756148	21	5 29.6	20.0
268593 2006 BO_{206}	16.5	X	178.45972	280.99096	138.96912	14.73946	0.0633666	0.21187973	2.7866117	21	5 13.6	20.9
268594 2006 BJ_{210}	15.8	X	40.14909	225.08537	311.76230	9.88982	0.1464072	0.20206487	2.8761321	21	4 14.6	19.3
268595 2006 BH_{221}	16.2	X	212.71487	210.86108	111.80073	2.90145	0.0719935	0.19836920	2.9117442	21	2 16.6	20.5
268596 2006 BG_{223}	16.1	X	291.74682	211.71675	145.31067	6.41541	0.0889208	0.21866982	2.7286227	21	6 29.4	19.7
268597 2006 BK_{242}	15.7	X	240.44571	5.60040	343.17194	8.94833	0.1632876	0.20905598	2.8116482	21	4 7.2	20.2
268598 2006 BQ_{242}	15.7	X	6.56531	293.84341	334.21883	14.00987	0.2259992	0.21098037	2.7945251	21	6 30.7	18.4
268599 2006 BB_{245}	16.4	X	231.21439	252.90732	99.86366	3.21241	0.0840781	0.20706267	2.8296639	21	4 13.1	20.6
268600 2006 BB_{247}	16.4	X	215.73683	247.65906	136.19773	3.17921	0.0699919	0.20980905	2.8049163	21	5 5.6	20.6
268601 2006 BN_{247}	15.8	X	172.02281	21.55229	331.86443	7.03155	0.0395503	0.19537879	2.9413798	21	2 8.9	20.0
268602 2006 BA_{251}	16.8	X	300.55181	137.92048	179.02679	3.40050	0.0600801	0.21475344	2.7616966	21	5 23.6	20.5
268603 2006 BJ_{253}	16.7	X	103.05806	308.19738	149.72491	2.38466	0.0299866	0.20206738	2.8761083	21	3 25.1	20.7
268604 2006 BO_{254}	15.7	X	229.49938	112.31587	149.48579	10.77268	0.0607924	0.18796466	3.0182271	21	—	—
268605 2006 BA_{256}	15.9	X	224.28531	177.15842	79.37156	2.09773	0.2538456	0.18104736	3.0946242	21	—	—
268606 2006 BK_{256}	16.3	X	237.71124	232.42520	100.32800	3.23559	0.0687433	0.20256900	2.8713583	21	3 28.1	20.5
268607 2006 BJ_{260}	16.0	X	356.07355	142.98106	136.24756	5.84207	0.1302853	0.21123038	2.7923196	21	6 22.1	19.1
268608 2006 BT_{265}	16.1	X	249.14002	149.25886	152.86983	2.47756	0.0886005	0.19696202	2.9255962	21	2 28.6	20.4
268609 2006 BS_{266}	16.2	X	106.82998	147.85105	10.36981	17.14026	0.1871750	0.21503727	2.7592659	21	7 9.5	20.7
268610 2006 BR_{283}	16.0	X	180.65775	40.52115	306.51667	7.20489	0.0942514	0.19841081	2.9113371	21	2 11.8	20.5
268611 2006 CY_{30}	16.0	X	305.58242	180.09909	169.55650	6.34215	0.0355400	0.21883881	2.7272178	21	7 16.3	19.6
268612 2006 CK_{42}	15.8	X	344.06529	346.81223	173.61544	13.21345	0.1058863	0.18928177	3.0042093	21	—	—
268613 2006 CZ_{43}	15.5	X	228.75035	98.43481	168.46566	11.70367	0.1213837	0.17730630	3.1380024	21	—	—
268614 2006 CT_{46}	16.5	X	304.78307	280.63306	7.45937	2.69478	0.0371507	0.20842295	2.8173385	21	4 23.5	20.3
268615 2006 CG_{51}	17.0	X	151.03326	145.18481	302.47577	1.86670	0.0633069	0.21122681	2.7923511	21	5 12.0	21.1
268616 2006 CK_{65}	15.8	X	302.50745	170.43548	167.09595	9.73482	0.1691920	0.21620840	2.7492929	21	6 6.9	19.4
268617 2006 CE_{67}	16.3	X	332.86435	32.66694	173.72451	3.63850	0.0192697	0.19606276	2.9345351	21	2 19.0	20.3
268618 2006 CF_{67}	15.9	X	312.84243	329.31680	179.62097	9.67589	0.1087759	0.17833620	3.1259094	21	—	—
268619 2006 CW_{67}	16.4	X	0.29834	276.61403	203.46943	0.83580	0.1261789	0.18488051	3.0517009	21	—	—
268620 2006 DZ_{3}	15.6	X	340.87589	186.35884	347.03724	9.64797	0.0278230	0.19057517	2.9906012	21	1 22.8	19.8
268621 2006 DA_{6}	15.6	X	342.70195	119.34688	78.72465	3.09520	0.0337176	0.19616542	2.9335112	21	2 21.7	19.5
268622 2006 DX_{20}	16.2	X	123.92653	281.67290	165.39604	7.58768	0.0738667	0.20403270	2.8576094	21	4 13.6	20.3
268623 2006 DT_{22}	15.8	X	214.00726	325.76196	40.24434	2.49878	0.0874270	0.20318889	2.8655154	21	4 10.3	20.1
268624 2006 DF_{23}	16.1	X	322.28329	37.07690	142.76946	6.14865	0.0562607	0.18803932	3.0174281	21	1 1.5	20.3
268625 2006 DD_{24}	15.5	X	89.24990	35.11508	355.42045	7.87061	0.1162271	0.18640652	3.0350230	21	—	—
268626 2006 DS_{28}	16.0	X	257.87038	162.22086	62.29536	2.11171	0.1359606	0.18140533	3.0905518	21	—	—
268627 2006 DR_{29}	15.1	X	252.67041	64.93336	171.07943	10.67878	0.0870637	0.18302840	3.0722536	21	—	—
268628 2006 DE_{30}	16.0	X	191.27472	206.60838	164.30971	2.43231	0.0960310	0.19837713	2.9116666	21	3 24.4	20.5
268629 2006 DK_{30}	16.4	X	258.40909	90.53243	170.50556	9.38253	0.0759704	0.18871487	3.0102228	21	1 21.3	21.0
268630 2006 DC_{36}	16.5	X	327.68287	56.05722	170.73192	1.83083	0.0867996	0.19405448	2.9547467	21	3 1.9	20.3
268631 2006 DK_{46}	17.0	X	159.24416	268.54792	140.98968	2.73316	0.0643598	0.20398862	2.8580210	21	4 5.5	21.2
268632 2006 DG_{58}	15.6	X	226.08307	278.89043	350.33306	10.05739	0.0616131	0.18414063	3.0598699	21	1 1.5	20.3
268633 2006 DG_{69}	15.9	X	193.55705	163.25908	161.51939	10.52064	0.0848985	0.18915752	3.0055247	21	1 30.2	20.6
268634 2006 DU_{88}	16.2	X	182.61286	301.86026	9.49957	2.46482	0.1657036	0.18259842	3.0770747	21	1 10.5	21.2
268635 2006 DG_{96}	16.1	X	64.45805	260.22947	186.01999	8.76078	0.0609316	0.18749979	3.0232138	21	1 22.8	20.2
268636 2006 DS_{101}	16.3	X	269.66640	220.87161	60.57704	2.90216	0.0502320	0.19561498	2.9390116	21	3 3.8	20.5
268637 2006 DL_{106}	15.2	X	214.97467	138.74217	165.33097	9.10918	0.0993814	0.18830423	3.0145974	21	1 27.2	19.9
268638 2006 DW_{109}	15.8	X	126.92341	64.49958	351.06646	16.19785	0.0780927	0.19481228	2.9470793	21	3 9.1	19.9
268639 2006 DE_{114}	17.6	X	76.18758	271.36330	160.85152	23.44962	0.0872586	0.38469278	1.8723773	21	—	—
268640 2006 DP_{115}	15.5	X	261.42654	73.05107	173.46252	16.21108	0.1724492	0.18341455	3.0679399	21	1 1.4	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268641 2006 DR_{116}	15.3	X	46.00329	166.80929	62.02753	14.73118	0.1443929	0.21032727	2.8003071	21	7 13.8	18.9
268642 2006 DV_{119}	15.1	X	50.80950	84.81163	17.11805	14.90413	0.0266931	0.19316399	2.9638208	21	1 27.7	19.4
268643 2006 DR_{126}	16.2	X	269.80460	90.95405	163.76549	10.29778	0.0432300	0.19327295	2.9627067	21	1 28.9	20.5
268644 2006 DA_{132}	15.8	X	80.90013	330.96229	72.10470	4.26222	0.0983594	0.18734527	3.0248759	21	—	—
268645 2006 DS_{133}	15.9	X	107.96660	356.37602	21.75236	4.55697	0.1933821	0.18890901	3.0081601	21	1 17.7	20.0
268646 2006 DD_{141}	16.1	X	303.92779	161.18329	82.69467	3.67151	0.2708682	0.19069789	2.9893181	21	1 28.1	20.5
268647 2006 DS_{146}	16.2	X	38.21600	192.66250	346.55383	10.09145	0.0369203	0.20063575	2.8897737	21	4 8.6	20.1
268648 2006 DK_{156}	16.8	X	328.52343	209.57390	21.07211	1.93283	0.0391720	0.19754866	2.9198015	21	3 14.2	20.7
268649 2006 DN_{175}	15.5	X	312.04626	347.32532	150.47190	10.27577	0.0489381	0.17943435	3.1131425	21	—	—
268650 2006 DC_{189}	16.3	X	192.56564	110.88285	140.54923	2.21379	0.0616837	0.17491030	3.1665945	21	—	—
268651 2006 DG_{192}	15.6	X	144.55923	180.09412	163.13199	9.57180	0.1007538	0.18107859	3.0942684	21	1 5.1	20.4
268652 2006 DT_{203}	14.7	X	210.34264	266.48267	16.62799	21.57405	0.0938193	0.18294423	3.0731959	21	1 2.5	19.9
268653 2006 DT_{212}	16.3	X	168.10634	305.35503	138.94974	5.23712	0.0382396	0.21293121	2.7774303	21	5 28.1	20.2
268654 2006 DA_{215}	15.6	X	226.94738	109.81201	189.90418	10.28992	0.0880954	0.18836013	3.0140010	21	2 1.9	20.4
268655 2006 DW_{215}	15.3	X	214.36414	62.04384	196.62777	9.17784	0.0577045	0.17760232	3.1345146	21	—	—
268656 2006 DS_{216}	15.5	X	166.26058	277.38322	4.91713	4.79173	0.1500009	0.17284225	3.1918032	21	—	—
268657 2006 EB_{2}	15.8	X	54.54262	223.53108	157.36803	10.50619	0.1087148	0.17560867	3.1581935	21	—	—
268658 2006 EG_{6}	16.4	X	139.79148	309.44956	53.16680	1.61207	0.1072206	0.18965151	3.0003034	21	1 23.0	20.8
268659 2006 EL_{19}	15.1	X	269.94265	216.03510	6.36327	16.54379	0.0704017	0.18252439	3.0779067	21	—	—
268660 2006 EX_{20}	16.4	X	5.85110	203.03278	345.69688	6.95958	0.1458911	0.19768180	2.9184903	21	3 4.9	19.7
268661 2006 ES_{22}	16.5	X	247.93701	310.14336	28.62765	2.25606	0.0770786	0.20450261	2.8532302	21	4 13.5	20.7
268662 2006 EW_{29}	15.6	X	192.67574	346.85199	349.72165	10.16633	0.0878327	0.19256852	2.9699275	21	2 15.2	20.1
268663 2006 EE_{36}	16.4	X	354.27490	133.26356	6.67186	9.26004	0.1687885	0.18854935	3.0119842	21	—	—
268664 2006 ED_{43}	15.2	X	310.36485	358.83537	146.72906	18.11264	0.0845631	0.17783884	3.1317348	21	—	—
268665 2006 EC_{58}	15.4	X	169.92368	124.22407	184.44547	11.05388	0.0797410	0.18173099	3.0868585	21	—	—
268666 2006 EC_{60}	16.1	X	2.20672	305.49429	191.20915	10.38446	0.0290176	0.18602834	3.0391349	21	1 2.5	20.4
268667 2006 EQ_{65}	15.5	X	298.09761	358.58942	192.83999	9.89204	0.0611784	0.18254218	3.0777067	21	—	—
268668 2006 EZ_{71}	16.4	X	337.55104	156.89849	358.73624	1.08180	0.0654036	0.18467574	3.0539562	21	—	—
268669 Bunun	16.1	X	332.07432	355.52249	179.05574	10.52011	0.1850403	0.18754901	3.0226848	21	—	—
268670 2006 FS_{7}	16.1	X	301.55679	17.69675	141.11482	1.52393	0.1192216	0.17680845	3.1438902	21	—	—
268671 2006 FP_{10}	16.0	X	343.06263	331.02094	177.22271	10.87911	0.0851824	0.18624558	3.0367711	21	—	—
268672 2006 FT_{14}	15.9	X	351.07379	324.43441	183.51681	9.09254	0.0882040	0.18437913	3.0572307	21	—	—
268673 2006 FF_{15}	15.2	X	344.27781	106.55842	51.75539	9.90590	0.0221444	0.18699724	3.0286279	21	1 8.5	19.5
268674 2006 FJ_{17}	15.6	X	210.02702	272.06075	17.75348	9.42368	0.1153117	0.18059938	3.0997396	21	1 10.2	20.6
268675 2006 FM_{17}	15.8	X	290.02159	310.80609	193.41024	13.28262	0.1456550	0.17401420	3.1774563	21	12 23.1	20.0
268676 2006 FM_{31}	16.2	X	171.65998	184.75572	164.09148	2.20136	0.1046853	0.18805226	3.0172897	21	2 7.7	20.8
268677 2006 FO_{37}	15.2	X	13.58640	138.53157	16.26332	17.73091	0.2198306	0.18949006	3.0020074	21	2 7.2	18.6
268678 2006 FJ_{38}	15.8	X	320.40705	170.72655	13.47535	17.50954	0.0907071	0.18611310	3.0382121	21	1 1.9	20.3
268679 2006 FQ_{43}	15.3	X	103.67188	56.98526	9.47962	11.99618	0.0401162	0.19414830	2.9537948	21	2 21.0	19.5
268680 2006 FM_{44}	15.2	X	272.49803	4.10900	187.61859	12.46274	0.0533755	0.17819213	3.1275940	21	—	—
268681 2006 FF_{48}	15.7	X	45.01405	75.27851	39.12167	11.45779	0.0846887	0.19238622	2.9718033	21	2 6.6	19.6
268682 2006 FO_{50}	14.7	X	233.32245	129.68883	140.38583	27.51454	0.1786638	0.17733802	3.1376282	21	1 7.0	20.2
268683 2006 FF_{52}	15.4	X	263.50555	294.96008	297.68998	15.68039	0.2555560	0.17962511	3.1109379	21	—	—
268684 2006 FJ_{53}	15.9	X	291.06252	138.14119	38.32375	5.54346	0.1010967	0.17639027	3.1488572	21	—	—
268685 2006 FR_{54}	15.9	X	150.69939	142.91529	162.96239	3.74694	0.0608074	0.17319551	3.1874616	21	—	—
268686 Elenaaprile	15.7	X	323.91784	187.32058	351.81655	10.36769	0.0488761	0.18607865	3.0385870	21	1 6.1	20.0
268687 2006 GL_{21}	15.5	X	211.15782	125.90037	192.63331	8.94301	0.1163769	0.18881567	3.0091513	21	2 8.2	20.4
268688 2006 GO_{23}	15.9	X	330.70990	118.90193	38.01843	11.13651	0.1589795	0.18172598	3.0869152	21	—	—
268689 2006 GO_{26}	15.7	X	234.17744	231.68799	73.84139	3.57205	0.1171044	0.18571485	3.0425539	21	2 18.7	20.4
268690 2006 GF_{27}	16.1	X	216.00071	169.59019	129.36759	2.18939	0.1489517	0.18021399	3.1041572	21	1 24.1	21.2
268691 2006 GK_{31}	15.5	X	246.20631	3.53405	218.81413	4.51626	0.1038232	0.17395752	3.1781465	21	—	—
268692 2006 GZ_{40}	14.7	X	342.30221	59.84348	46.79751	23.13067	0.1633540	0.17866489	3.1220743	21	—	—
268693 2006 GN_{42}	15.3	X	281.35455	358.91060	191.67050	17.18384	0.1296653	0.17737888	3.1371464	21	—	—
268694 2006 GK_{46}	15.0	X	284.45885	167.55035	59.27971	9.20582	0.0883093	0.18132538	3.0914602	21	1 11.4	19.6
268695 2006 GO_{48}	16.3	X	233.10968	155.90547	118.54681	0.15704	0.1375153	0.17978720	3.1090679	21	1 11.5	21.3
268696 2006 GS_{50}	15.1	X	294.02035	141.51149	65.12401	24.94999	0.2201392	0.17926210	3.1151363	21	—	—
268697 2006 GP_{51}	15.6	X	219.29091	237.93156	12.07682	4.40935	0.1490794	0.17579022	3.1560187	21	—	—
268698 2006 GA_{52}	15.4	X	229.62736	310.02563	327.18618	15.38389	0.2605337	0.17835913	3.1256414	21	1 11.3	21.0
268699 2006 HW_{4}	16.1	X	155.66596	260.58592	156.11235	2.37966	0.0089499	0.19861529	2.9093385	21	4 5.6	20.2
268700 2006 HP_{6}	15.3	X	229.76259	241.17182	22.99671	11.55937	0.0608069	0.17974591	3.1095439	21	—	—
268701 2006 HG_{12}	15.5	X	42.58861	9.47357	68.10970	11.27042	0.0758783	0.17840731	3.1250787	21	—	—
268702 2006 HJ_{16}	16.5	X	32.18824	280.52539	174.61684	5.54742	0.1178125	0.18114783	3.0934799	21	—	—
268703 2006 HV_{17}	15.7	X	311.35490	116.86809	133.38068	7.74867	0.1551506	0.19191491	2.9766669	21	3 1.7	19.7
268704 2006 HZ_{19}	16.1	X	256.82869	76.34976	200.88747	2.92299	0.0759250	0.18771698	3.0208815	21	2 8.4	20.6
268705 2006 HB_{21}	15.6	X	301.72900	51.98499	78.49656	5.15677	0.0947654	0.17131703	3.2107195	21	12 28.6	19.7
268706 2006 HD_{23}	15.4	X	252.12903	268.17440	45.88560	10.84487	0.1093503	0.19126723	2.9833830	21	3 21.8	20.0
268707 2006 HD_{28}	15.4	X	173.12725	169.18735	162.07062	8.91236	0.1839667	0.17483007	3.1675632	21	1 25.5	20.8
268708 2006 HA_{32}	15.4	X	76.48042	294.41855	154.61287	8.93959	0.0980637	0.18839817	3.0135953	21	2 17.4	19.2
268709 2006 HM_{33}	15.4	X	349.42167	221.79318	206.51137	8.60247	0.1328115	0.16818993	3.2503944	21	12 23.9	19.4
268710 2006 HP_{40}	16.0	X	284.47875	247.64822	17.75658	1.03646	0.0426440	0.18993859	2.9972795	21	3 2.4	20.2
268711 2006 HH_{44}	15.6	X	213.15675	231.77571	58.92049	6.04989	0.1118221	0.17704588	3.1410788	21	1 13.8	20.6
268712 2006 HF_{46}	15.6	X	307.37924	49.83270	100.48254	10.28627	0.0560360	0.17442427	3.1724742	21	—	—
268713 2006 HK_{47}	15.3	X	51.49595	48.47400	47.34950	15.07938	0.0698395	0.18433247	3.0577465	21	1 23.6	19.5
268714 2006 HN_{51}	15.4	X	299.03041	162.52471	35.64435	13.85794	0.1319135	0.17987780	3.1080238	21	—	—
268715 2006 HT_{56}	15.0	X	174.71353	249.25953	52.18700	15.09391	0.1483746	0.17298756	3.1900155	21	—	—
268716 2006 HL_{57}	15.5	X	235.07203	86.99784	147.93362	26.16946	0.2575951	0.17214093	3.2004665	21	—	—
268717 2006 HT_{60}	15.7	X	266.94900	74.32834	167.90794	11.35150	0.1105079	0.18140774	3.0905244	21	1 6.8	20.5
268718 2006 HH_{61}	15.6	X	327.71602	86.18770	27.46883	15.28251	0.1780005	0.17679972	3.1439936	21	—	—
268719 2006 HS_{70}	16.2	X	357.12902	326.55115	161.47113	2.86496	0.0405247	0.18185527	3.0854519	21	—	—
268720 2006 HX_{71}	16.2	X	280.87777	86.30493	156.18446	5.49326	0.0760876	0.18256403	3.0774611	21	1 25.5	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268721 2006 HR_{75}	15.8	X	264.78561	114.87017	116.96475	10.82787	0.1769500	0.17730186	3.1380548	21	—	—
268722 2006 HG_{85}	16.1	X	246.56114	223.36289	31.56602	0.39825	0.1376478	0.18139009	3.0907249	21	—	—
268723 2006 HP_{105}	15.6	X	347.74977	65.11727	104.33241	17.97135	0.1804423	0.18481917	3.0523760	21	1 7.4	19.1
268724 2006 HW_{114}	15.8	X	337.61327	83.86128	40.79578	11.97097	0.1540060	0.17881560	3.1203198	21	—	—
268725 2006 HQ_{135}	16.5	X	328.98824	319.18681	178.68908	3.09631	0.1634686	0.18080676	3.0973690	21	—	—
268726 2006 HV_{137}	15.5	X	222.64880	275.87533	27.13800	10.80502	0.1043773	0.18351169	3.0668572	21	2 8.5	20.4
268727 2006 JK_{51}	15.0	X	283.55129	309.71602	118.46289	11.16070	0.0672531	0.15153461	3.4844012	21	9 23.5	19.9
268728 2006 JX_{52}	15.7	X	154.18897	130.27169	177.51922	3.46080	0.1622089	0.17196164	3.2026906	21	—	—
268729 2006 JF_{56}	17.3	X	344.91790	41.72354	88.18777	23.46675	0.0760373	0.37003809	1.9214913	21	—	—
268730 2006 KU_{5}	15.3	X	137.64343	290.46858	58.71470	12.16532	0.0733506	0.17421904	3.1749653	21	1 3.5	20.0
268731 2006 KQ_{6}	16.0	X	250.04571	200.78037	42.00229	0.48316	0.1313715	0.17610772	3.1522243	21	—	—
268732 2006 KZ_{14}	16.7	X	340.79024	148.07321	108.08142	16.16409	0.1664262	0.25988026	2.4319456	21	4 19.5	19.6
268733 2006 KJ_{17}	15.7	X	7.01709	349.14435	181.10423	10.20232	0.0972483	0.18660251	3.0328975	21	2 13.9	19.7
268734 2006 KR_{37}	15.8	X	288.08695	51.35890	119.59482	13.26410	0.1889019	0.17589198	3.1548014	21	—	—
268735 2006 KY_{53}	15.3	X	320.35228	276.10963	229.11663	14.79146	0.2015230	0.17490241	3.1666898	21	—	—
268736 2006 KC_{63}	15.3	X	24.15380	307.77954	135.82174	10.58049	0.0568007	0.17559427	3.1583663	21	—	—
268737 2006 KB_{73}	15.6	X	208.11093	94.19334	157.40740	9.87578	0.0299430	0.16958811	3.2325044	21	—	—
268738 2006 KQ_{101}	17.1	X	261.27344	26.67301	134.93303	24.82548	0.0539514	0.35186961	1.9870778	21	—	—
268739 2006 KZ_{104}	15.7	X	288.12370	353.42235	182.69816	16.03815	0.1638193	0.17292666	3.1907645	21	—	—
268740 2006 KF_{110}	15.1	X	311.63923	81.95940	30.87051	13.17718	0.1916985	0.17174576	3.2053739	21	12 12.8	18.8
268741 2006 KF_{114}	17.5	X	250.75027	134.60203	177.89862	22.62937	0.0915499	0.38387758	1.8750271	21	2 12.6	20.1
268742 2006 KT_{117}	16.1	X	227.32115	259.63924	24.96396	4.98524	0.1059021	0.17941129	3.1134092	21	1 20.2	21.0
268743 2006 LU_{1}	15.5	X	291.83402	320.19203	238.05351	24.06044	0.3326377	0.17785627	3.1315302	21	—	—
268744 2006 MA_{2}	15.8	X	307.18472	53.34144	179.40750	9.97871	0.0509493	0.18457294	3.0550901	21	2 15.7	20.1
268745 2006 PN_{29}	17.5	X	180.55191	285.49390	327.90866	18.05240	0.0866201	0.35459576	1.9768802	21	—	—
268746 2006 QS_{24}	16.5	X	155.67679	219.05462	152.14357	6.97410	0.1878559	0.29667635	2.2264559	21	2 10.3	19.6
268747 2006 QK_{48}	16.9	X	341.64732	77.97266	348.95665	21.30286	0.3034815	0.26980168	2.3719541	21	—	—
268748 2006 QB_{49}	17.1	X	220.33074	258.59926	356.46485	19.72772	0.0841488	0.35876075	1.9615502	21	—	—
268749 2006 QV_{64}	17.8	X	176.35618	280.05247	151.46563	3.80114	0.1213630	0.31304797	2.1481377	21	5 18.8	20.7
268750 2006 QW_{65}	18.3	X	302.41142	191.96390	143.61222	2.00447	0.0984330	0.32045734	2.1148971	21	6 10.5	20.3
268751 2006 QM_{77}	18.4	X	224.83774	58.65018	322.24146	7.76059	0.0791646	0.31494725	2.1394928	21	4 28.9	21.3
268752 2006 QX_{110}	16.4	X	12.75432	133.24385	354.66565	23.90042	0.1722376	0.28677978	2.2773880	21	—	—
268753 2006 QC_{137}	17.1	X	155.47328	25.76833	331.68406	6.78780	0.1718717	0.29443301	2.2377508	21	1 23.5	20.1
268754 2006 QK_{137}	17.6	X	108.68548	170.31949	252.74228	3.20217	0.1433073	0.29510533	2.2343507	21	2 13.8	20.1
268755 2006 QM_{142}	17.2	X	128.89073	240.43627	166.19758	4.58296	0.2134213	0.29534418	2.2331459	21	3 2.9	20.0
268756 2006 RV_{22}	16.9	X	146.91758	156.08126	222.17979	5.13966	0.1974065	0.29550076	2.2323570	21	2 9.7	20.0
268757 2006 RT_{52}	17.6	X	109.88523	53.38827	16.54961	6.04019	0.1586259	0.29480409	2.2358726	21	3 3.9	20.0
268758 2006 RL_{82}	17.6	X	140.57287	236.68303	193.33567	5.52668	0.0960035	0.30287306	2.1959829	21	4 1.4	20.3
268759 2006 RY_{90}	18.5	X	55.40691	57.94930	0.10136	1.39118	0.1831285	0.28322297	2.2964151	21	—	—
268760 2006 RO_{93}	17.9	X	132.99005	232.37718	228.54540	3.60287	0.0824319	0.30581255	2.1818883	21	5 3.5	20.6
268761 2006 SN_{5}	17.4	X	78.78178	24.43621	32.31322	3.89089	0.2119558	0.28698010	2.2763281	21	—	—
268762 2006 SS_{61}	17.4	X	129.38678	316.29965	72.90880	3.48556	0.1562335	0.29290030	2.2455506	21	2 1.2	20.0
268763 2006 ST_{61}	17.1	X	83.43606	250.92660	155.28666	5.95976	0.1236321	0.28685124	2.2770098	21	—	—
268764 2006 SU_{95}	18.2	X	316.39839	157.92514	167.32407	2.18580	0.1193890	0.31755239	2.1277754	21	6 15.1	19.9
268765 2006 SU_{118}	18.0	X	116.69513	158.25450	252.07260	2.12665	0.1595447	0.29294489	2.2453227	21	2 11.3	20.5
268766 2006 SS_{185}	18.0	X	159.18724	222.14549	186.59182	2.20372	0.1128738	0.30030703	2.2084745	21	3 28.1	20.7
268767 2006 SQ_{263}	17.5	X	82.95230	224.85639	266.26337	4.99063	0.0099746	0.30262722	2.1971720	21	3 21.7	20.1
268768 2006 SS_{279}	17.7	X	186.79968	73.03950	307.48701	3.58233	0.1916694	0.30188093	2.2007917	21	3 22.7	21.2
268769 2006 SH_{313}	17.4	X	144.01534	34.62468	32.54067	4.74306	0.0938881	0.30212569	2.1996029	21	4 2.8	20.1
268770 2006 SQ_{325}	17.9	X	74.64791	268.62257	180.68174	4.49868	0.1283306	0.29149790	2.2527470	21	1 23.8	20.0
268771 2006 SR_{327}	17.6	X	52.40603	298.33188	150.54319	3.16786	0.1035019	0.28728637	2.2747100	21	—	—
268772 2006 SO_{344}	16.8	X	127.64262	186.59766	221.27449	6.56770	0.1204182	0.29517164	2.2340161	21	2 14.4	19.7
268773 2006 SL_{363}	17.4	X	26.15605	278.91281	166.02780	4.12606	0.1363519	0.27878606	2.3207161	21	—	—
268774 2006 SS_{364}	17.0	X	102.40229	18.48233	6.59062	2.70734	0.1147562	0.28296451	2.2978133	21	—	—
268775 2006 SY_{387}	17.3	X	108.28069	358.66485	98.65227	7.84617	0.0721489	0.29962191	2.2118398	21	3 28.4	19.9
268776 2006 TQ_{13}	17.5	X	142.26620	277.72213	109.20684	3.34110	0.1213458	0.29533952	2.2331694	21	2 8.6	20.1
268777 2006 TP_{16}	17.6	X	169.90026	167.73126	206.53085	3.72453	0.1569990	0.29780721	2.2208160	21	2 24.9	20.9
268778 2006 TA_{18}	17.8	X	68.97240	95.91959	107.06120	2.76751	0.0952655	0.31255543	2.1503939	21	7 4.4	20.0
268779 2006 TP_{27}	17.6	X	58.43965	177.47240	35.14278	5.10657	0.0780877	0.31186069	2.1535864	21	6 29.0	19.7
268780 2006 TS_{27}	17.6	X	191.03036	296.39538	32.87426	2.02937	0.0987440	0.29322088	2.2439136	21	1 17.9	20.5
268781 2006 TJ_{46}	17.7	X	84.74405	245.34436	197.23918	2.58500	0.1182168	0.29010131	2.2599713	21	1 31.6	19.9
268782 2006 TB_{49}	17.7	X	64.78043	85.57300	302.81358	3.34892	0.2843548	0.27955660	2.3164497	21	—	—
268783 2006 TF_{58}	17.7	X	119.75140	138.89675	247.89183	2.18074	0.1727705	0.28872683	2.2671380	21	1 17.4	20.1
268784 2006 TK_{68}	17.6	X	58.18157	244.48574	212.99149	2.28431	0.1751112	0.28948601	2.2631725	21	1 6.6	19.0
268785 2006 TP_{85}	17.3	X	344.61398	185.54915	345.54524	3.82698	0.1358198	0.28752735	2.2734388	21	—	—
268786 2006 TZ_{86}	18.0	X	157.80202	43.96924	6.35344	2.12595	0.1018603	0.29925932	2.2136260	21	3 27.6	20.6
268787 2006 TD_{92}	17.2	X	37.39035	260.00536	229.56932	8.06768	0.1148816	0.28904489	2.2654745	21	1 12.2	19.4
268788 2006 TC_{94}	17.9	X	65.14612	81.13554	56.28606	4.79300	0.0942150	0.29728954	2.2233933	21	3 19.8	20.0
268789 2006 TZ_{94}	17.3	X	79.58621	270.43626	259.34359	4.78702	0.0718593	0.30831907	2.1700469	21	5 26.0	19.3
268790 2006 TH_{106}	17.5	X	90.74896	67.34969	346.64509	2.96173	0.1649183	0.28764148	2.2728374	21	1 8.7	19.4
268791 2006 UO_{4}	18.0	X	61.68973	1.96941	145.08125	2.37033	0.1206219	0.30014854	2.2092518	21	3 29.3	19.7
268792 2006 UO_{35}	17.6	X	62.01563	226.74014	254.13071	2.11437	0.1063340	0.29327689	2.2436278	21	2 14.7	19.7
268793 2006 UJ_{40}	17.6	X	21.40762	111.16018	21.28398	2.98473	0.1143365	0.28745933	2.2737974	21	—	—
268794 2006 UU_{103}	17.3	X	39.66310	72.79594	58.94133	6.16285	0.0922628	0.29045286	2.2581474	21	1 24.2	19.5
268795 2006 UB_{129}	17.6	X	39.29049	159.40496	28.00937	7.59747	0.1234347	0.30225581	2.1989716	21	4 17.6	19.0
268796 2006 UJ_{141}	18.1	X	21.29039	43.11754	79.06928	2.87603	0.1372937	0.28307028	2.2972408	21	—	—
268797 2006 UO_{177}	17.3	X	123.54704	298.23659	133.60642	5.04867	0.1148728	0.29771777	2.2212608	21	3 17.9	19.9
268798 2006 UC_{182}	17.4	X	187.21202	241.27443	136.30008	5.40283	0.1949250	0.30039063	2.2080647	21	3 23.2	20.8
268799 2006 UB_{187}	15.7	X	243.07890	24.47427	335.99319	15.49534	0.1125676	0.17652282	3.1472807	21	4 26.6	20.8
268800 2006 US_{192}	17.0	X	139.25740	118.27302	337.11001	7.28115	0.0441494	0.30437870	2.1887352	21	4 25.3	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268801 2006 UG_{212}	17.3	X	20.94619	160.40130	357.75937	3.66132	0.0915482	0.29062370	2.2572623	21	1 29.6	19.4
268802 2006 US_{223}	17.4	X	208.67375	26.25272	327.71030	6.13507	0.1478217	0.30238841	2.1983287	21	3 8.1	20.6
268803 2006 UJ_{233}	17.1	X	17.91706	246.93479	195.75265	9.33598	0.1712612	0.27769960	2.3267651	21	—	—
268804 2006 UF_{249}	18.4	X	41.40310	229.91721	206.78006	1.60962	0.1586707	0.28190006	2.3035940	21	—	—
268805 2006 UO_{265}	17.5	X	273.10659	354.76027	325.05615	4.69601	0.1463621	0.30776800	2.1726365	21	3 28.1	20.3
268806 2006 UZ_{359}	18.0	X	45.60384	136.97656	84.11212	4.36028	0.0970636	0.31109966	2.1570971	21	6 22.3	19.9
268807 2006 VP_{2}	16.4	X	250.46308	176.90930	264.60184	5.27974	0.0847237	0.25409143	2.4687439	21	8 27.3	19.7
268808 2006 VG_{4}	17.2	X	82.75129	241.50939	290.00811	1.43445	0.0830958	0.30549713	2.1833899	21	6 5.2	19.3
268809 2006 VV_{15}	18.1	X	312.29941	152.69600	333.14199	1.85957	0.1336877	0.27158622	2.3615523	21	—	—
268810 2006 VL_{17}	17.3	X	30.33326	285.27262	281.33936	1.92783	0.1030784	0.30281822	2.1962480	21	4 28.7	19.0
268811 2006 VC_{21}	17.4	X	14.68310	133.44261	31.58306	3.46831	0.0903170	0.29049720	2.2579176	21	1 29.3	19.5
268812 2006 VS_{27}	17.2	X	288.42057	88.99671	234.41914	3.65524	0.2406404	0.31117407	2.1567532	21	4 8.5	20.0
268813 2006 VO_{37}	17.7	X	150.97993	87.73015	290.99526	1.67088	0.1830824	0.29351718	2.2424032	21	2 15.0	20.6
268814 2006 VV_{45}	17.2	X	45.03257	17.76337	56.10178	7.38534	0.0801708	0.28013032	2.3132859	21	—	—
268815 2006 VC_{50}	17.7	X	36.30291	4.52583	47.01352	3.22127	0.2075265	0.27465943	2.3439034	21	—	—
268816 2006 VU_{60}	17.3	X	9.64161	255.33714	251.11919	2.43031	0.0856046	0.28562061	2.2835456	21	—	—
268817 2006 VQ_{68}	16.9	X	11.20464	74.80279	65.18084	8.69856	0.0836991	0.28368308	2.2939314	21	—	—
268818 2006 VB_{70}	17.2	X	39.46604	207.77633	226.30497	2.47689	0.2007456	0.27814931	2.3242565	21	—	—
268819 2006 VH_{75}	16.7	X	80.49731	118.00665	264.04870	5.61763	0.1161589	0.27679531	2.3318301	21	—	—
268820 2006 VP_{98}	16.0	X	243.75140	306.83788	22.48450	5.03385	0.1055753	0.16845197	3.2470227	21	3 29.9	20.9
268821 2006 VT_{99}	17.2	X	107.84741	125.27982	272.93405	2.55277	0.1603835	0.28679431	2.2773111	21	1 14.1	19.5
268822 2006 VQ_{101}	16.4	X	18.34790	1.09056	57.87793	8.34168	0.2261245	0.27158627	2.3615520	21	—	—
268823 2006 VT_{111}	16.7	X	16.20862	71.17258	35.70999	7.76049	0.0627891	0.27992334	2.3144260	21	—	—
268824 2006 VY_{111}	17.4	X	52.97447	114.94372	12.12007	4.02277	0.0805951	0.28998612	2.2605697	21	2 9.8	19.5
268825 2006 VP_{119}	17.7	X	59.50967	245.13246	233.90647	2.98167	0.1123743	0.28977750	2.2616545	21	2 8.2	19.7
268826 2006 VS_{144}	17.1	X	200.97110	327.49785	8.60510	8.65776	0.2283012	0.29733519	2.2231657	21	2 13.8	20.9
268827 2006 VF_{150}	17.8	X	43.12304	90.73645	58.08472	5.80657	0.0571079	0.29526915	2.2335242	21	2 25.2	20.1
268828 2006 VD_{172}	16.8	X	27.39432	327.49381	98.59814	7.46299	0.0947160	0.27061293	2.3672113	21	—	—
268829 2006 WN_{10}	17.6	X	18.05919	91.05813	356.29237	4.12846	0.2082421	0.27624041	2.3349517	21	—	—
268830 2006 WH_{11}	17.1	X	356.04401	193.27057	296.01876	4.37555	0.2511474	0.27670632	2.3323300	21	—	—
268831 2006 WM_{34}	17.7	X	337.74794	334.92157	186.93052	4.16127	0.0951699	0.28233226	2.3012425	21	—	—
268832 2006 WL_{39}	17.5	X	343.07363	301.54740	175.13399	2.20077	0.1289251	0.27427680	2.3460828	21	—	—
268833 2006 WA_{60}	17.5	X	186.05924	213.12932	163.19264	4.42198	0.1442509	0.29839676	2.2178899	21	3 17.0	20.5
268834 2006 WF_{68}	17.1	X	107.73146	264.54741	120.96354	4.05924	0.2344234	0.28467421	2.2886039	21	1 9.0	19.2
268835 2006 WY_{85}	16.9	X	21.35617	247.19637	228.87546	6.07168	0.0661717	0.28086353	2.3092581	21	—	—
268836 2006 WY_{100}	17.0	X	352.49737	196.14729	286.10021	4.49354	0.1784569	0.27695591	2.3309285	21	—	—
268837 2006 WS_{102}	17.9	X	187.18853	302.40691	50.58111	0.70558	0.1537052	0.29409229	2.2394788	21	2 16.9	21.0
268838 2006 WR_{103}	17.3	X	355.56025	354.80759	77.36543	2.32313	0.1606953	0.26962156	2.3730104	21	—	—
268839 2006 WN_{109}	17.6	X	359.87121	16.50035	82.69186	2.55237	0.1508806	0.27365467	2.3496372	21	—	—
268840 2006 WF_{126}	17.5	X	6.20422	119.96344	335.40126	5.30602	0.2017642	0.27486918	2.3427108	21	—	—
268841 2006 WN_{127}	15.7	X	158.52563	140.42576	328.12710	32.58289	0.2058167	0.23063763	2.6333946	21	7 2.6	20.7
268842 2006 WK_{128}	17.7	X	74.16483	132.15799	297.56298	1.61181	0.0715777	0.28405935	2.2919052	21	—	—
268843 2006 WA_{153}	17.1	X	241.00907	121.94904	50.44352	3.11809	0.1321658	0.25863658	2.4397355	21	12 11.5	20.3
268844 2006 WF_{158}	16.9	X	14.26643	80.93322	37.76815	7.12088	0.0554920	0.28148123	2.3058785	21	—	—
268845 2006 WE_{174}	17.8	X	338.02590	274.01840	204.11405	2.02876	0.1662248	0.27252927	2.3561012	21	—	—
268846 2006 WX_{198}	17.5	X	261.48967	161.88767	10.58431	2.56595	0.1290558	0.26228538	2.4170557	21	—	—
268847 2006 XZ_{4}	17.9	X	137.82140	49.99432	337.53706	2.61818	0.1396361	0.28877223	2.2669004	21	2 7.4	20.6
268848 2006 XL_{8}	15.9	X	291.20513	84.71152	268.59221	7.00279	0.1518114	0.24373480	2.5381913	21	6 12.8	19.1
268849 2006 XB_{15}	17.3	X	104.36688	198.91882	207.21659	2.12908	0.1010255	0.28445539	2.2897775	21	1 10.8	19.7
268850 2006 XE_{23}	17.0	X	135.52417	29.81980	354.44591	7.82358	0.1176121	0.28778869	2.2720623	21	1 30.1	19.8
268851 2006 XF_{28}	17.1	X	337.36305	55.31980	78.25434	3.06049	0.1491010	0.27264348	2.3554432	21	—	—
268852 2006 XT_{28}	17.4	X	1.27346	7.51024	97.82631	5.15832	0.1202339	0.27482749	2.3429477	21	—	—
268853 2006 XX_{42}	17.5	X	311.79515	59.78483	107.82951	2.31725	0.1249619	0.27141992	2.3625168	21	—	—
268854 2006 XZ_{47}	17.5	X	5.75416	182.14076	231.36347	4.37886	0.2190489	0.26857442	2.3791745	21	—	—
268855 2006 XM_{49}	17.2	X	123.67047	14.41768	274.91780	3.03464	0.0569744	0.26092187	2.4254690	21	—	—
268856 2006 XY_{59}	17.4	X	293.70222	98.17969	63.14507	3.65016	0.1165366	0.26743341	2.3859368	21	—	—
268857 2006 XC_{62}	17.1	X	345.79423	346.43729	111.68025	2.53483	0.1512396	0.26829818	2.3808072	21	—	—
268858 2006 XV_{64}	17.3	X	43.97395	159.51652	248.26449	3.94706	0.1256747	0.27465577	2.3439242	21	—	—
268859 2006 XX_{67}	17.8	X	186.91601	313.09274	98.89795	4.90446	0.0985581	0.30146185	2.2028308	21	5 4.3	20.9
268860 2006 XY_{68}	17.6	X	313.38829	155.32964	275.55093	1.63319	0.1458191	0.25817698	2.4426301	21	11 17.3	19.8
268861 2006 XC_{69}	16.3	X	256.14014	106.29681	55.53640	10.65527	0.0912276	0.26076822	2.4264217	21	12 25.3	19.2
268862 2006 YO_{2}	17.3	X	232.54543	310.17915	236.06135	1.65219	0.1279795	0.26047303	2.4282545	21	12 19.8	20.4
268863 2006 YJ_{6}	17.6	X	316.84148	271.30592	273.95390	3.24208	0.1139143	0.27915152	2.3186901	21	—	—
268864 2006 YL_{17}	17.0	X	315.54039	9.61121	112.85678	2.87648	0.1287454	0.26467067	2.4025117	21	—	—
268865 2006 YC_{19}	17.0	X	298.27518	82.48810	56.75136	2.94398	0.1310170	0.26419334	2.4054046	21	—	—
268866 2006 YY_{34}	17.7	X	303.09290	56.55716	32.80570	3.22084	0.1453897	0.25801493	2.4436528	21	11 24.3	19.8
268867 2006 YL_{38}	16.9	X	302.50279	211.49742	312.94696	4.97808	0.1167501	0.26835977	2.3804429	21	—	—
268868 2006 YF_{45}	17.5	X	270.09734	57.68991	120.61094	2.11516	0.1225537	0.26989368	2.3714150	21	—	—
268869 2006 YN_{49}	17.0	X	331.73373	115.06335	310.09677	5.95965	0.1517364	0.25884728	2.4384114	21	12 16.9	19.2
268870 2006 YC_{53}	17.7	X	271.13250	59.93217	140.84631	2.52611	0.1561890	0.26658402	2.3910022	21	—	—
268871 2007 AB_{10}	17.2	X	236.83811	224.62414	295.21419	1.36476	0.1230274	0.25605320	2.4561181	21	11 20.2	20.5
268872 2007 AJ_{10}	17.2	X	329.47006	302.24101	131.64730	2.13225	0.1625287	0.26003377	2.4309884	21	12 26.5	19.2
268873 2007 AK_{11}	17.1	X	35.96260	80.97653	301.82255	1.14318	0.2222958	0.26514456	2.3996482	21	—	—
268874 2007 AW_{17}	17.6	X	271.06334	226.87330	358.22972	6.86091	0.0538371	0.27634689	2.3343519	21	—	—
268875 2007 AZ_{20}	16.7	X	147.32353	49.71344	134.40025	4.41833	0.0965338	0.24003266	2.5642232	21	9 15.4	20.4
268876 2007 AU_{21}	17.5	X	320.46581	104.17046	12.25399	2.69094	0.1422420	0.26493010	2.4009430	21	—	—
268877 2007 AW_{23}	17.2	X	287.08021	302.56413	166.92937	3.21789	0.1418369	0.25763517	2.4460535	21	11 25.4	19.6
268878 2007 AZ_{23}	16.5	X	183.51546	303.05834	280.28744	4.90203	0.1096470	0.25547570	2.4598180	21	12 11.8	20.2
268879 2007 AK_{25}	16.2	X	49.08281	240.41980	303.36659	6.80805	0.1586081	0.22222044	2.6994796	21	5 13.5	19.3
268880 2007 AD_{31}	17.4	X	303.81865	310.06695	182.26250	1.88567	0.1159041	0.26284105	2.4136479	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268881 2007 BY_2	17.3	X	54.33880	30.45769	336.58006	5.58294	0.0842130	0.26256746	2.4153243	21	—	—
268882 2007 BQ_3	17.2	X	346.47661	312.41725	123.64255	3.10003	0.1356137	0.26365900	2.4086534	21	—	—
268883 2007 BN_8	17.4	X	351.94289	347.10145	128.38605	2.20247	0.1328826	0.27056226	2.3675068	21	—	—
268884 2007 BU_8	17.3	X	294.87700	39.22717	92.14332	3.30944	0.1324158	0.26258618	2.4152095	21	—	—
268885 2007 BH_{10}	16.8	X	338.20917	79.55678	341.18159	5.61181	0.1139083	0.25812185	2.4429779	21	12 19.7	19.4
268886 2007 BV_{13}	17.3	X	267.35810	45.76643	94.99558	2.56318	0.1336422	0.25758816	2.4463511	21	12 6.9	20.0
268887 2007 BS_{18}	17.3	X	318.44778	51.03132	57.73956	1.90460	0.1419286	0.26083524	2.4260060	21	—	—
268888 2007 BS_{26}	16.9	X	216.92654	282.16607	314.80310	1.71058	0.1573330	0.26364983	2.4087093	21	—	—
268889 2007 BW_{26}	17.2	X	359.08056	68.61974	321.39679	1.79965	0.1672496	0.25836647	2.4414356	21	12 19.4	19.6
268890 2007 BM_{29}	17.6	X	298.90851	36.49483	118.41110	3.37314	0.1119155	0.26656444	2.3911193	21	—	—
268891 2007 BY_{29}	16.8	X	295.84824	103.14922	119.93070	4.95010	0.0239739	0.27743786	2.3282283	21	1 7.1	19.5
268892 2007 BD_{30}	16.6	X	39.07516	344.06093	118.34399	7.36701	0.0670661	0.27544156	2.3394642	21	—	—
268893 2007 BY_{31}	17.2	X	287.57385	159.68685	346.75380	2.49282	0.1497705	0.26357373	2.4091729	21	—	—
268894 2007 BG_{40}	16.5	X	216.77407	308.12227	307.80901	8.16023	0.2371486	0.26584079	2.3954566	21	—	—
268895 2007 BK_{41}	17.7	X	253.10840	112.77073	140.91555	2.60935	0.1480358	0.27419667	2.3465398	21	—	—
268896 2007 BS_{41}	17.0	X	261.68501	255.34210	307.08239	3.89502	0.1538771	0.26542824	2.3979381	21	—	—
268897 2007 BO_{42}	17.0	X	311.15529	324.61985	164.11587	2.26317	0.1753205	0.26383369	2.4075901	21	—	—
268898 2007 BT_{49}	16.9	X	267.45497	89.03082	130.19453	5.82429	0.0991359	0.27011642	2.3701112	21	—	—
268899 2007 BY_{49}	17.4	X	278.91865	299.27756	235.49774	1.38634	0.1260840	0.26377514	2.4079464	21	—	—
268900 2007 BF_{56}	16.5	X	326.20322	333.42936	88.76699	4.30847	0.1633053	0.25664912	2.4523147	21	12 1.1	18.7
268901 2007 BA_{57}	17.1	X	245.49945	123.20625	53.91648	3.14212	0.1484842	0.25829407	2.4418918	21	12 21.5	20.2
268902 2007 BH_{58}	17.0	X	259.65277	257.34697	315.42985	3.72149	0.1873171	0.26619226	2.3933476	21	—	—
268903 2007 BQ_{74}	17.6	X	261.74587	199.17238	24.64631	1.00728	0.1614881	0.26636346	2.3923219	21	—	—
268904 2007 BX_{77}	17.1	X	203.81549	261.75358	332.94443	5.87077	0.1122494	0.25964884	2.4333904	21	—	—
268905 2007 CP	16.7	X	265.49491	300.26353	150.39734	14.72760	0.2186902	0.25047402	2.4924565	21	9 12.7	20.0
268906 2007 CR_3	16.4	X	322.53817	185.92865	306.55529	5.76112	0.0817673	0.26648773	2.3915781	21	—	—
268907 2007 CW_3	16.9	X	326.56169	307.78308	149.07290	1.24250	0.1387122	0.26198744	2.4188879	21	—	—
268908 2007 CW_6	17.4	X	267.26166	84.15089	119.38399	2.03007	0.1327991	0.26830481	2.3807680	21	—	—
268909 2007 CQ_{10}	17.5	X	244.04589	205.01454	322.96187	0.57059	0.1228459	0.25649637	2.4532882	21	12 10.9	20.6
268910 2007 CS_{11}	16.6	X	308.65464	200.17861	253.00608	5.05990	0.1064832	0.25753676	2.4466765	21	12 13.0	18.8
268911 2007 CO_{13}	17.1	X	299.60576	230.60752	288.02284	2.09358	0.1117725	0.26661146	2.3908381	21	—	—
268912 2007 CS_{15}	17.1	X	326.88180	92.12817	359.50471	5.67811	0.0847468	0.26068505	2.4269377	21	—	—
268913 2007 CO_{17}	17.3	X	359.91621	18.25792	355.37338	5.21701	0.1136736	0.25114926	2.4879870	21	11 16.8	20.0
268914 2007 CM_{19}	17.3	X	265.07132	68.05386	123.68948	2.57659	0.1237048	0.26429799	2.4047696	21	—	—
268915 2007 CF_{23}	17.0	X	32.70763	288.03869	153.02865	5.26703	0.0869437	0.27310032	2.3528157	21	—	—
268916 2007 CB_{24}	17.6	X	201.34801	1.81531	209.44902	1.81023	0.1316949	0.25408470	2.4687875	21	12 13.5	21.0
268917 2007 CD_{27}	17.3	X	285.58640	149.33468	337.85726	1.91362	0.1451565	0.25743166	2.4473425	21	12 16.9	19.7
268918 2007 CW_{37}	17.0	X	149.93103	194.28245	347.47438	2.81148	0.0925910	0.24097655	2.5575228	21	9 13.7	20.6
268919 2007 CO_{41}	17.3	X	115.65963	275.08889	135.89600	5.28214	0.1480765	0.28435732	2.2903039	21	2 11.9	19.9
268920 2007 CH_{43}	16.3	X	276.76317	253.77781	269.42280	9.56947	0.1822454	0.26196877	2.4190028	21	—	—
268921 2007 CW_{44}	16.9	X	204.54753	3.78751	231.66787	1.66567	0.1677096	0.25901087	2.4373845	21	—	—
268922 2007 CK_{45}	16.6	X	278.48827	14.67783	91.24223	7.53474	0.0815679	0.25323246	2.4743234	21	11 14.6	19.5
268923 2007 CT_{45}	16.6	X	251.87715	185.83148	265.16110	5.15649	0.0680576	0.24466899	2.5317264	21	9 12.8	20.1
268924 2007 CO_{51}	16.9	X	20.36213	321.00680	103.93236	2.25044	0.1660122	0.26652977	2.3913266	21	—	—
268925 2007 CP_{51}	16.6	X	211.96096	61.20133	171.44488	10.02222	0.1142240	0.26008715	2.4306558	21	—	—
268926 2007 CA_{56}	17.4	X	10.33906	245.69822	211.58188	1.50665	0.1665008	0.26978585	2.3720469	21	—	—
268927 2007 DR_1	16.9	X	251.48971	268.19976	317.75428	7.82183	0.2269167	0.26656700	2.3911040	21	—	—
268928 2007 DE_4	17.0	X	308.08554	236.18148	227.08338	3.68333	0.1058004	0.25598219	2.4565723	21	12 25.8	19.5
268929 2007 DA_9	17.5	X	164.21343	265.28334	1.72899	1.85849	0.1815295	0.25398760	2.4694166	21	—	—
268930 2007 DT_9	15.9	X	112.02520	256.64091	324.65398	27.97476	0.1300713	0.23588353	2.5942051	21	9 12.9	20.2
268931 2007 DE_{10}	16.7	X	33.77220	329.01422	0.90826	3.40413	0.1848778	0.24330460	2.5411824	21	11 19.9	19.8
268932 2007 DJ_{10}	17.0	X	88.07102	100.96982	156.18551	9.75015	0.1747836	0.23635551	2.5907503	21	10 23.9	21.0
268933 2007 DT_{13}	16.7	X	2.32779	44.89707	317.51571	10.45906	0.1694167	0.25470907	2.4647513	21	11 10.2	19.4
268934 2007 DX_{13}	17.6	X	81.45590	353.73942	17.11757	3.99665	0.0692211	0.26830647	2.3807582	21	—	—
268935 2007 DW_{20}	16.4	X	301.03520	40.70190	341.95849	14.17093	0.0561847	0.23779254	2.5803022	21	8 25.7	19.5
268936 2007 DV_{21}	17.2	X	223.93931	76.61294	15.39036	3.17119	0.2005842	0.23919145	2.5702318	21	7 31.3	21.3
268937 2007 DX_{23}	17.3	X	74.87997	275.38393	335.24981	1.54399	0.1433465	0.23432389	2.6057035	21	9 23.1	20.7
268938 2007 DD_{27}	17.0	X	294.61697	242.61447	151.72261	12.85672	0.1779189	0.24060187	2.5601773	21	8 10.9	20.0
268939 2007 DC_{28}	16.3	X	173.38464	275.58348	0.74666	8.74303	0.0785466	0.25882835	2.4385303	21	—	—
268940 2007 DS_{28}	17.1	X	232.77503	334.37213	121.13267	3.00957	0.1692621	0.24025992	2.5626060	21	8 16.1	20.8
268941 2007 DN_{33}	16.9	X	83.58736	139.58367	152.84421	7.25199	0.1581791	0.24255687	2.5464021	21	11 29.6	20.8
268942 2007 DE_{37}	16.1	X	40.65994	287.97064	351.23884	13.84464	0.1565036	0.23048578	2.6345511	21	9 16.0	19.1
268943 2007 DF_{38}	17.2	X	222.17307	110.53837	340.06918	5.28245	0.1211656	0.23560214	2.5962703	21	8 3.5	21.1
268944 2007 DH_{39}	17.7	X	211.32387	37.69832	150.26076	6.57697	0.2078784	0.24825611	2.5072795	21	11 17.9	21.6
268945 2007 DR_{42}	16.6	X	201.98010	358.37589	116.58515	5.52137	0.1041647	0.24675154	2.5174613	21	8 14.9	20.2
268946 2007 DQ_{44}	17.1	X	347.50400	256.00524	185.56851	2.93150	0.1494591	0.26224999	2.4172731	21	—	—
268947 2007 DU_{44}	16.2	X	123.81392	152.29282	60.36964	17.77965	0.2871896	0.23189689	2.6238526	21	10 13.5	21.1
268948 2007 DS_{46}	17.6	X	69.91656	307.87538	126.66763	5.97605	0.0569783	0.27866728	2.3213755	21	—	—
268949 2007 DZ_{49}	17.2	X	242.01596	68.50242	152.74082	1.86543	0.1341831	0.26309920	2.4120689	21	—	—
268950 2007 DJ_{51}	16.8	X	130.90127	262.53872	325.38482	5.94136	0.1443013	0.24147076	2.5540321	21	10 21.9	21.0
268951 2007 DW_{53}	16.6	X	230.63170	107.06684	349.18070	15.29641	0.1060127	0.23700930	2.5859838	21	8 24.7	20.3
268952 2007 DG_{55}	17.1	X	304.36844	272.66794	165.79347	6.47818	0.1772407	0.25338392	2.4733373	21	11 8.9	19.4
268953 2007 DL_{74}	16.6	X	316.76610	3.96564	345.94552	5.18266	0.1028176	0.23357748	2.6112517	21	7 28.2	19.5
268954 2007 DU_{76}	16.8	X	303.30445	173.18893	14.55942	6.87461	0.0728566	0.26872122	2.3783079	21	—	—
268955 2007 DS_{77}	17.1	X	195.56150	179.41665	315.72063	5.39528	0.2312768	0.23952016	2.5678797	21	8 25.9	21.4
268956 2007 DU_{78}	16.7	X	245.64574	246.49040	145.18803	12.93397	0.2454033	0.23386064	2.6091435	21	6 2.3	21.2
268957 2007 DQ_{94}	16.7	X	249.48273	172.03730	12.65655	7.65637	0.1752934	0.25641980	2.4537765	21	—	—
268958 2007 DD_{98}	17.2	X	341.33028	312.53125	125.21323	2.89534	0.1571530	0.26080260	2.4262084	21	—	—
268959 2007 DG_{98}	16.5	X	39.53084	140.28705	138.46233	9.74946	0.0942170	0.23631240	2.5910654	21	9 6.8	19.6
268960 2007 DV_{105}	16.7	X	147.95774	63.55535	125.96524	3.79777	0.0468967	0.23718568	2.5847016	21	9 21.6	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
268961 2007 DR_{109}	16.7	X	54.41608	44.75518	192.84065	2.13210	0.1455826	0.22533058	2.6745823	21	8 7.5	19.9
268962 2007 EL_{6}	17.2	X	57.39450	115.60180	169.25372	5.23414	0.1760870	0.23716712	2.5848364	21	10 23.1	20.6
268963 2007 EP_{11}	17.1	X	157.02913	194.57761	351.24165	4.33257	0.1783404	0.23823887	2.5770784	21	9 26.3	21.3
268964 2007 EB_{16}	17.4	X	275.25277	345.75241	165.60016	5.16131	0.0600648	0.25679913	2.4513596	21	—	—
268965 2007 EL_{17}	16.7	X	252.68143	191.90420	175.06696	7.15050	0.1311761	0.22393443	2.6856875	21	5 19.2	20.7
268966 2007 EJ_{18}	16.4	X	114.27415	332.27389	174.74748	5.37840	0.0561744	0.22117074	2.7080142	21	6 13.9	20.2
268967 2007 EY_{20}	17.0	X	136.45640	242.67092	10.25972	4.49752	0.1797737	0.24375167	2.5380742	21	11 29.1	21.2
268968 2007 EY_{23}	17.0	X	300.60944	333.83397	117.12212	3.76993	0.1812565	0.25007891	2.4950811	21	11 17.7	19.3
268969 2007 EZ_{24}	16.4	X	134.55933	147.73645	14.31339	11.67641	0.1214128	0.22725979	2.6594244	21	8 8.3	20.6
268970 2007 EC_{25}	15.2	X	190.84114	28.24411	189.43132	9.45639	0.0483284	0.17781919	3.1319655	21	12 5.5	19.9
268971 2007 ED_{28}	16.7	X	120.40103	16.26556	139.40969	5.72357	0.1129513	0.22690616	2.6621868	21	7 9.3	20.6
268972 2007 EQ_{31}	16.8	X	75.34948	138.38512	140.18675	8.57339	0.1734010	0.24086331	2.5583244	21	11 6.9	20.6
268973 2007 EZ_{31}	17.2	X	56.62230	244.14709	31.34923	2.67465	0.1453279	0.23456365	2.6039276	21	10 3.9	20.4
268974 2007 EQ_{40}	16.0	X	355.81284	111.18966	234.53282	2.73795	0.2428649	0.23944360	2.5684270	21	10 10.1	17.9
268975 2007 EK_{42}	16.4	X	57.83139	257.47737	5.33909	8.54356	0.0637191	0.23144409	2.6272737	21	9 6.8	19.7
268976 2007 EG_{45}	15.8	X	331.21403	12.95572	11.68823	15.18917	0.1695816	0.23938259	2.5688634	21	10 9.1	18.1
268977 2007 EM_{52}	17.1	X	194.25472	180.08046	331.92933	4.69991	0.1495425	0.24039933	2.5616151	21	9 18.6	21.1
268978 2007 EW_{53}	15.9	X	190.47052	237.33378	196.72523	14.98269	0.0818604	0.22016930	2.7162195	21	6 9.4	20.2
268979 2007 EG_{54}	16.6	X	91.64256	159.35541	40.29999	6.28401	0.0193846	0.22368801	2.6876595	21	7 21.1	20.3
268980 2007 EF_{65}	16.9	X	182.25989	36.54904	80.26057	3.10872	0.0083264	0.22977617	2.6399725	21	7 27.8	20.3
268981 2007 EU_{67}	16.5	X	321.82663	150.36320	154.57590	5.24896	0.1382822	0.22089489	2.7102682	21	5 27.6	19.7
268982 2007 EK_{69}	16.9	X	227.43646	15.88084	25.21643	6.35291	0.0632506	0.22412828	2.6841386	21	6 8.2	20.8
268983 2007 EO_{70}	16.6	X	128.73826	15.81335	160.70919	8.17294	0.1466868	0.23001289	2.6381609	21	8 17.3	20.6
268984 2007 EY_{78}	16.6	X	135.48272	225.54160	341.45438	11.21738	0.1303731	0.23674226	2.5879280	21	9 28.7	20.7
268985 2007 EH_{80}	16.5	X	359.72123	88.63372	188.98558	5.70701	0.0515931	0.22262761	2.6961871	21	6 26.7	19.8
268986 2007 EC_{83}	16.2	X	222.78703	12.37698	304.79167	4.54498	0.0153931	0.21216153	2.7841436	21	2 18.5	20.0
268987 2007 EG_{87}	16.4	X	107.90461	59.04525	167.46932	6.10967	0.2417286	0.23100336	2.6306143	21	10 8.3	20.7
268988 2007 EC_{89}	16.9	X	72.84585	176.55915	112.51340	3.28807	0.1203126	0.24359804	2.5391412	21	11 9.1	20.4
268989 2007 EM_{90}	17.6	X	114.89179	97.29635	175.80422	3.36255	0.1452523	0.24454946	2.5325512	21	12 4.6	21.5
268990 2007 EG_{91}	16.2	X	232.54489	331.13420	111.83158	13.78601	0.2377312	0.23852990	2.5749818	21	7 23.9	20.4
268991 2007 EE_{98}	16.5	X	349.72935	151.64439	165.98517	10.48165	0.0328315	0.23142833	2.6273930	21	8 5.9	19.8
268992 2007 EZ_{98}	16.7	X	38.42159	114.50948	160.16689	8.51206	0.1889453	0.22839387	2.6506136	21	9 12.1	19.7
268993 2007 ED_{101}	17.2	X	234.83309	11.24407	96.18853	3.64019	0.1712226	0.24071220	2.5593950	21	9 3.9	20.9
268994 2007 EE_{101}	16.8	X	76.48829	188.89730	63.10766	4.67100	0.1029579	0.23262163	2.6184000	21	9 23.9	20.3
268995 2007 ER_{101}	16.0	X	317.63821	136.44180	155.15055	9.25410	0.2722291	0.21271519	2.7793103	21	4 12.9	19.5
268996 2007 EG_{105}	17.1	X	227.65525	47.89278	13.67049	1.97872	0.0564005	0.22936272	2.6431440	21	7 7.7	20.7
268997 2007 EJ_{105}	16.7	X	14.80845	285.77487	6.77527	4.27884	0.1452545	0.22846478	2.6500651	21	8 20.8	19.4
268998 2007 ES_{108}	16.3	X	52.55411	168.25067	97.63928	3.29075	0.1607405	0.22800468	2.6536290	21	9 18.2	19.6
268999 2007 EL_{109}	16.6	X	177.99054	147.41634	28.54309	9.55502	0.0724032	0.23859144	2.5745390	21	10 8.6	20.3
269000 2007 EL_{113}	16.9	X	76.87731	219.61232	121.66881	4.84916	0.0757084	0.25685217	2.4510221	21	—	—
269001 2007 EQ_{115}	15.9	X	125.83968	195.87991	143.65284	5.46472	0.1539814	0.18535712	3.0464673	21	—	—
269002 2007 EP_{116}	16.1	X	92.11893	128.13966	42.85840	10.74273	0.0590005	0.21940918	2.7224894	21	6 16.2	19.8
269003 2007 EX_{118}	16.4	X	144.53839	62.62584	36.39462	6.96848	0.0920989	0.21743669	2.7389293	21	5 21.0	20.4
269004 2007 EO_{119}	16.3	X	54.87371	170.35927	72.52476	3.46361	0.0439156	0.22458388	2.6805073	21	8 1.5	19.8
269005 2007 EP_{125}	16.9	X	211.03397	229.09828	220.93663	4.68023	0.3170701	0.23556360	2.5965534	21	7 9.5	21.7
269006 2007 EV_{128}	17.3	X	199.77937	157.13715	356.98591	1.48557	0.0823600	0.24198055	2.5504437	21	10 3.0	20.7
269007 2007 EX_{130}	17.5	X	219.47235	298.63477	172.04454	3.45125	0.1663592	0.23867168	2.5739620	21	8 21.1	21.5
269008 2007 EM_{136}	16.8	X	198.33129	132.98488	6.09554	7.85460	0.1539751	0.23842614	2.5757288	21	9 8.7	20.8
269009 2007 EN_{137}	17.1	X	198.30715	346.24866	288.20115	1.44198	0.1529214	0.26330932	2.4107854	21	—	—
269010 2007 EU_{137}	16.0	X	88.38135	172.46074	25.33612	9.60878	0.1118996	0.22616875	2.6679703	21	7 30.3	19.8
269011 2007 EU_{138}	17.0	X	175.31739	253.80377	1.62830	2.35577	0.1494557	0.25657350	2.4527965	21	—	—
269012 2007 ET_{169}	16.5	X	161.55141	3.61598	50.98911	3.03739	0.0691871	0.21080657	2.7960609	21	4 13.8	20.6
269013 2007 EW_{180}	16.5	X	57.59998	37.90250	216.21450	4.35852	0.0826331	0.22688988	2.6623142	21	8 24.0	19.9
269014 2007 EX_{182}	17.0	X	202.58810	173.59397	58.24004	11.08473	0.0940996	0.25765217	2.4459459	21	—	—
269015 2007 EG_{199}	16.0	X	91.15791	113.02937	107.07552	30.50187	0.2901030	0.22694459	2.6618863	21	10 1.8	21.0
269016 2007 EQ_{200}	16.4	X	127.84339	125.94074	57.76814	6.82473	0.1373678	0.22980352	2.6397630	21	8 29.2	20.5
269017 2007 EL_{205}	15.2	X	64.16245	338.96111	22.86816	21.99334	0.1540869	0.18092233	3.0960497	21	—	—
269018 2007 EX_{207}	17.2	X	0.97704	69.71681	201.63196	2.09359	0.1131394	0.21934995	2.7229794	21	6 19.7	20.1
269019 2007 EU_{209}	15.4	X	110.27961	184.99664	30.67195	33.91308	0.1556214	0.22811279	2.6527905	21	10 4.1	19.9
269020 2007 EM_{213}	16.8	X	233.54528	52.55490	68.17298	6.01138	0.2165210	0.24161210	2.5530360	21	9 16.4	20.7
269021 2007 EQ_{213}	17.0	X	166.66614	314.65559	177.75075	3.16832	0.0107478	0.22938340	2.6429852	21	7 26.7	20.5
269022 2007 EU_{213}	17.1	X	18.02380	10.49501	303.27376	0.50611	0.0407420	0.23735878	2.5834448	21	9 14.2	20.1
269023 2007 EF_{219}	17.1	X	65.76651	261.65128	38.17844	3.73140	0.0528234	0.23758223	2.5818247	21	11 2.7	20.3
269024 2007 EW_{219}	16.6	X	159.12206	47.97368	24.71942	6.56969	0.0334413	0.21368594	2.7708866	21	4 29.5	20.4
269025 2007 ER_{222}	16.0	X	89.80273	344.58269	205.26666	10.62271	0.0582384	0.22484968	2.6783944	21	7 7.8	19.8
269026 2007 FN_{2}	16.4	X	161.89190	60.05939	100.63985	12.25806	0.1493198	0.23428744	2.6059738	21	9 4.1	20.7
269027 2007 FP_{4}	16.7	X	339.72949	113.07634	217.19449	1.73049	0.0121327	0.22950574	2.6420458	21	8 10.2	20.1
269028 2007 FH_{7}	16.9	X	231.60776	41.07082	347.50740	13.03568	0.2698340	0.22801885	2.6535191	21	5 8.7	21.7
269029 2007 FZ_{9}	15.9	X	70.62741	136.05912	146.12380	12.51877	0.2818818	0.22969689	2.6405799	21	11 17.8	20.2
269030 2007 FN_{10}	16.3	X	94.46145	243.87781	354.08673	7.11322	0.1199570	0.23072223	2.6327508	21	9 25.9	20.0
269031 2007 FM_{11}	16.9	X	199.85512	197.49331	312.40067	4.31890	0.2321363	0.23935180	2.5690837	21	9 15.8	21.2
269032 2007 FL_{15}	16.5	X	131.77694	26.60862	205.34664	7.25090	0.1466495	0.24040732	2.5615584	21	10 30.9	20.6
269033 2007 FK_{23}	16.7	X	175.24525	73.01657	21.91010	5.83348	0.0853833	0.22437906	2.6821383	21	6 18.9	20.7
269034 2007 FP_{26}	17.0	X	149.71702	241.68089	351.23522	0.72122	0.1342548	0.24268718	2.5454906	21	11 17.1	21.0
269035 2007 FP_{29}	17.0	X	105.44516	220.18208	37.27617	2.86669	0.0379993	0.24052511	2.5607220	21	10 26.9	20.4
269036 2007 FN_{30}	17.0	X	332.94121	139.72116	183.56618	2.51534	0.1068095	0.22506718	2.6766686	21	7 14.7	20.1
269037 2007 FN_{31}	16.3	X	213.80523	343.63646	28.03796	5.37869	0.0545197	0.21189021	2.7865197	21	4 17.2	20.2
269038 2007 FH_{32}	15.6	X	119.31934	82.95896	125.05398	13.59312	0.2162576	0.23085969	2.6317056	21	9 27.6	20.1
269039 2007 FJ_{32}	16.3	X	230.39674	59.85041	35.73683	12.00280	0.0964491	0.23193487	2.6235661	21	8 27.2	20.2
269040 2007 FO_{32}	16.2	X	66.53339	242.38883	50.66443	5.72727	0.0932102	0.23440476	2.6051042	21	10 31.9	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269041 2007 FW_{32}	16.7	X	133.71781	134.77159	24.89927	15.06962	0.1497589	0.22621263	2.6676252	21	8 8.1	21.2
269042 2007 FC_{33}	16.2	X	36.34595	230.89740	32.57567	7.33315	0.0886029	0.22337352	2.6901816	21	8 10.9	19.6
269043 2007 FG_{33}	16.3	X	94.54823	126.18783	133.80408	15.72959	0.2276568	0.23289183	2.6163744	21	11 9.7	20.8
269044 2007 FG_{36}	16.6	X	262.55314	166.94615	187.67324	6.28978	0.0488521	0.22067783	2.7120451	21	5 24.9	20.4
269045 2007 FF_{38}	16.0	X	87.69608	268.71053	324.55766	13.29984	0.2626568	0.22862971	2.6487905	21	9 23.6	20.3
269046 2007 FQ_{38}	15.9	X	66.93711	176.28052	57.08453	12.49215	0.1235944	0.22465165	2.6799682	21	8 23.6	19.7
269047 2007 FH_{43}	16.1	X	237.65677	128.59552	344.59823	29.34039	0.1691673	0.24090943	2.5579979	21	9 10.9	19.9
269048 2007 FU_{43}	16.8	X	158.57609	171.34761	21.25439	5.66175	0.1087457	0.23574177	2.5952450	21	10 6.9	20.7
269049 2007 FR_{49}	15.8	X	60.49039	350.01306	221.70610	13.87863	0.0804435	0.22196314	2.7015653	21	6 29.7	19.5
269050 2007 GJ_{12}	16.9	X	284.35166	40.51416	138.98022	2.63144	0.0394584	0.26840731	2.3801619	21	—	—
269051 2007 GJ_{16}	15.3	X	165.14242	316.38183	21.97596	9.35628	0.0658732	0.19263197	2.9692753	21	1 18.7	19.8
269052 2007 GU_{18}	16.3	X	140.52390	119.44443	36.07012	14.18635	0.1122738	0.22491310	2.6778909	21	8 6.4	20.7
269053 2007 GT_{19}	16.0	X	90.51770	140.45558	33.15823	13.39673	0.0978700	0.21799744	2.7342305	21	6 24.0	20.0
269054 2007 GW_{20}	16.3	X	282.54830	149.65960	193.99346	2.94091	0.1878826	0.21345150	2.7729152	21	5 15.6	20.3
269055 2007 GZ_{23}	16.8	X	148.41646	168.09024	41.15032	2.78731	0.2102066	0.23529971	2.5984944	21	10 18.5	21.2
269056 2007 GS_{24}	15.8	X	117.08318	183.37857	71.13733	8.75245	0.1616511	0.23459880	2.6036675	21	11 14.5	19.9
269057 2007 GW_{24}	16.0	X	43.61368	19.12222	218.59270	12.74159	0.1354834	0.22028432	2.7152740	21	7 16.5	19.5
269058 2007 GO_{29}	15.5	X	65.14489	10.24865	248.39385	12.97512	0.1517602	0.22768784	2.6560902	21	9 15.8	19.4
269059 2007 GU_{30}	16.7	X	274.17609	275.50615	33.27859	3.92706	0.0834183	0.20846182	2.8169882	21	4 5.6	20.8
269060 2007 GZ_{32}	16.9	X	334.70620	331.28759	144.58700	5.60482	0.0636108	0.26718757	2.3874002	21	—	—
269061 2007 GF_{33}	15.8	X	97.86712	158.87951	84.20571	11.91148	0.2086684	0.23167124	2.6255561	21	10 21.4	20.1
269062 2007 GW_{33}	16.4	X	86.07015	100.14854	49.84304	9.56327	0.1027460	0.21250909	2.7811071	21	5 18.2	20.0
269063 2007 GV_{39}	16.5	X	322.06700	125.39289	197.10628	4.30048	0.1216672	0.21856187	2.7295211	21	6 23.3	19.8
269064 2007 GB_{40}	16.6	X	152.26263	245.06453	191.37189	3.34793	0.0755049	0.21131651	2.7915608	21	5 1.3	20.6
269065 2007 GB_{41}	16.3	X	160.97612	207.62338	220.86325	2.86103	0.0807794	0.21143992	2.7904745	21	4 30.7	20.4
269066 2007 GJ_{44}	16.5	X	108.20011	195.63546	183.47726	1.93064	0.1232009	0.19191083	2.9767091	21	1 7.2	20.4
269067 2007 GQ_{44}	16.2	X	138.76924	52.01154	53.86030	5.83905	0.0513121	0.21401580	2.7680387	21	5 20.2	20.0
269068 2007 GD_{46}	16.6	X	150.40491	25.79870	194.73886	4.14124	0.1843437	0.23713845	2.5850448	21	11 2.9	20.7
269069 2007 GT_{46}	16.1	X	256.84331	164.07430	189.54675	5.43826	0.1105382	0.21107714	2.7936709	21	5 9.3	20.1
269070 2007 GR_{48}	16.3	X	230.66671	324.16238	206.77605	8.74346	0.1475998	0.24502616	2.5292654	21	11 22.9	19.7
269071 2007 GZ_{48}	16.5	X	158.23268	15.43019	50.75204	10.21108	0.1445807	0.27931694	2.3177746	21	4 25.9	20.0
269072 2007 GF_{51}	16.6	X	166.57844	102.62808	113.93656	5.36379	0.1641097	0.24039213	2.5616663	21	11 13.8	20.7
269073 2007 GP_{61}	17.4	X	167.15263	145.17717	349.03197	3.68884	0.1442602	0.22756113	2.6570761	21	8 2.5	21.7
269074 2007 GW_{62}	17.1	X	274.70719	10.57900	303.09434	0.54099	0.0854507	0.20836471	2.8178634	21	4 11.2	21.1
269075 2007 GL_{67}	16.2	X	128.55112	79.67337	37.58275	4.41796	0.0514650	0.21368999	2.7708516	21	5 22.1	20.1
269076 2007 GF_{68}	16.3	X	28.10995	112.36979	147.13547	4.27018	0.0328934	0.22239973	2.6980286	21	7 13.7	19.8
269077 2007 GH_{73}	16.0	X	135.76308	261.76813	216.34989	11.71296	0.1328460	0.21736508	2.7395309	21	6 9.8	20.3
269078 2007 GT_{73}	17.1	X	139.68823	42.09201	165.16481	1.67182	0.1393163	0.23278071	2.6172069	21	10 6.8	21.1
269079 2007 HK_{6}	15.9	X	63.12131	141.39255	99.49022	8.39200	0.1771601	0.22484955	2.6783954	21	9 3.1	19.5
269080 2007 HF_{7}	15.7	X	73.98454	175.84998	70.48115	13.44792	0.1907057	0.22679333	2.6630697	21	9 30.4	19.7
269081 2007 HR_{11}	16.7	X	128.00058	263.15933	187.52649	4.15451	0.0383215	0.20929463	2.8095105	21	4 16.6	20.4
269082 2007 HG_{13}	16.7	X	139.74706	50.09637	143.17683	5.07663	0.1633335	0.23124782	2.6287601	21	9 21.2	21.0
269083 2007 HB_{16}	16.7	X	53.41301	105.73396	132.18724	3.35532	0.1629142	0.22078619	2.7111577	21	8 9.9	20.0
269084 2007 HE_{17}	16.3	X	77.20230	86.84625	154.73407	3.91271	0.1594659	0.22659471	2.6646257	21	9 16.6	19.9
269085 2007 HW_{26}	16.5	X	129.06493	155.14846	58.20447	4.38361	0.1266121	0.23170601	2.6252934	21	10 4.8	20.5
269086 2007 HA_{30}	16.7	X	90.10140	193.89849	61.34225	2.68859	0.1581773	0.23296878	2.6157982	21	10 19.2	20.6
269087 2007 HZ_{31}	16.9	X	20.51170	310.39288	334.53063	1.54606	0.1777280	0.22200673	2.7012117	21	8 22.3	19.7
269088 2007 HQ_{36}	16.6	X	109.50974	249.44588	29.64739	1.86757	0.1523723	0.23784661	2.5799111	21	12 5.6	20.6
269089 2007 HX_{38}	16.9	X	328.65260	166.33535	170.71849	3.24547	0.0283565	0.22956189	2.6416150	21	8 2.8	20.3
269090 2007 HA_{41}	16.3	X	137.61793	324.61802	200.49521	11.16681	0.1137253	0.22654329	2.6650289	21	8 6.8	20.5
269091 2007 HG_{46}	15.9	X	91.78191	37.98072	126.82836	13.61802	0.1374651	0.22169473	2.7037455	21	6 21.4	19.7
269092 2007 HK_{48}	17.0	X	175.62294	21.23622	153.61539	2.91964	0.1210340	0.23545943	2.5973192	21	10 1.9	21.1
269093 2007 HJ_{53}	16.4	X	132.19877	36.34777	175.67510	5.07223	0.1677728	0.23200219	2.6230586	21	10 7.0	20.5
269094 2007 HV_{57}	16.3	X	89.12943	120.07280	127.44549	4.39400	0.1674980	0.22964079	2.6410099	21	10 10.4	20.2
269095 2007 HP_{61}	16.5	X	203.50843	355.50661	180.18857	12.73841	0.1841857	0.24256167	2.5463686	21	10 28.2	20.5
269096 2007 HN_{65}	16.3	X	120.75608	136.63782	90.14019	8.81681	0.1578487	0.23177720	2.6247558	21	10 17.6	20.5
269097 2007 HV_{65}	16.0	X	22.85255	204.80819	68.64882	5.54165	0.1072770	0.22161740	2.7043744	21	8 3.3	19.2
269098 2007 HB_{66}	15.0	X	160.06142	139.53964	171.10627	14.00308	0.1645169	0.17995002	3.1071922	21	—	—
269099 2007 HM_{79}	16.5	X	32.97098	95.36296	133.44466	10.50473	0.1887110	0.21583618	2.7524528	21	6 25.4	19.4
269100 2007 HC_{80}	16.7	X	127.44322	86.87991	175.27162	4.51265	0.1561534	0.23826969	2.5768562	21	12 2.7	20.8
269101 2007 HB_{83}	15.8	X	232.40246	28.62787	54.99855	22.64452	0.0373480	0.22773918	2.6556910	21	8 26.9	20.0
269102 2007 HE_{83}	16.9	X	147.09229	252.17874	234.82459	5.34977	0.0680083	0.22082542	2.7108366	21	6 28.2	20.8
269103 2007 HM_{83}	16.0	X	42.23047	331.41304	236.70683	7.63756	0.1348683	0.21517284	2.7581068	21	6 5.2	19.0
269104 2007 HN_{86}	15.9	X	68.74415	170.56026	85.88272	6.66980	0.1261535	0.22583711	2.6705816	21	9 23.9	19.6
269105 2007 HF_{90}	16.6	X	142.28574	93.37855	76.61726	6.13045	0.1655114	0.23001703	2.6381291	21	8 26.9	20.9
269106 2007 HP_{97}	16.4	X	57.25810	310.89459	226.18792	7.06567	0.1584439	0.21060446	2.7978494	21	5 21.8	19.6
269107 2007 JO_{3}	15.9	X	181.26713	2.63126	193.18022	11.47799	0.1109260	0.23769718	2.5809922	21	11 4.1	19.8
269108 2007 JB_{9}	16.8	X	216.62569	320.06380	86.83168	1.33306	0.0709936	0.21484563	2.7609065	21	6 3.8	20.9
269109 2007 JS_{25}	16.7	X	76.65284	55.59538	93.87486	8.67921	0.1643542	0.21063921	2.7975417	21	5 16.9	20.3
269110 2007 JG_{27}	16.5	X	356.04246	98.12792	165.87698	4.44642	0.1594734	0.21188247	2.7865876	21	5 30.0	19.4
269111 2007 JR_{37}	16.7	X	317.16030	184.53902	154.20605	3.02964	0.0905574	0.22527060	2.6750570	21	7 12.2	19.9
269112 2007 JZ_{37}	16.8	X	332.02806	260.99470	19.40255	4.16825	0.1744927	0.21229302	2.7829938	21	5 3.5	20.0
269113 2007 JA_{38}	16.2	X	333.73664	251.37339	61.20047	5.88598	0.1091114	0.21904617	2.7254964	21	6 30.9	19.3
269114 2007 JL_{39}	16.3	X	221.60144	147.81272	261.10538	2.75699	0.0868758	0.22290134	2.6939793	21	6 10.7	20.2
269115 2007 JT_{39}	15.9	X	141.27627	203.14065	355.73077	6.53019	0.2108519	0.23218017	2.6217179	21	9 28.9	20.3
269116 2007 KO_{8}	15.3	X	50.03973	225.62347	92.82427	12.87058	0.1706607	0.23174184	2.6250228	21	11 25.6	18.9
269117 2007 LU_{11}	16.1	X	82.18864	10.89161	230.54147	8.29560	0.0778919	0.22512235	2.6762312	21	9 6.4	19.9
269118 2007 LH_{15}	16.0	X	111.35695	232.95900	10.99030	10.78026	0.2334394	0.22847743	2.6499673	21	10 27.7	20.5
269119 2007 LQ_{31}	15.6	X	337.65214	7.57442	263.23296	8.60000	0.1386804	0.20982872	2.8047410	21	5 3.9	19.0
269120 2007 LM_{33}	15.1	X	185.70571	117.46843	138.71016	23.57100	0.0365703	0.17704260	3.1411176	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269121 2007 MG_9	15.3	X	57.13432	278.56990	130.55125	10.57421	0.0514223	0.18200775	3.0837284	21	—	—
269122 2007 MD_{25}	16.5	X	322.44405	324.60313	313.16821	2.17413	0.2128366	0.20151445	2.8813671	21	4 8.8	19.9
269123 2007 NF_2	16.0	X	86.52744	107.69388	152.00461	12.43780	0.2326656	0.22743819	2.6580335	21	10 31.3	20.4
269124 2007 PC_{23}	15.0	X	81.97303	354.72708	317.64267	18.33965	0.1538006	0.15585007	3.4197790	21	12 5.5	20.4
269125 2007 PF_{37}	15.3	X	159.59416	27.77009	274.93588	3.66542	0.1351930	0.16946407	3.2340815	21	—	—
269126 2007 PP_{43}	15.3	X	237.23876	316.44572	295.95309	8.83487	0.0696159	0.17741496	3.1367210	21	—	—
269127 2007 PU_{47}	15.6	X	189.62947	219.29656	116.42422	5.89544	0.1351622	0.17991714	3.1075708	21	2 13.1	20.6
269128 2007 PU_{48}	15.6	X	282.01225	10.99600	18.06035	15.59573	0.1427319	0.20614713	2.8380357	21	7 26.4	19.7
269129 2007 RG_{22}	17.2	X	295.02441	116.71230	209.29806	5.98304	0.1457562	0.27065908	2.3669422	21	5 10.5	20.0
269130 2007 RL_{65}	16.2	X	210.46545	143.36330	165.87770	8.65000	0.0965204	0.17890549	3.1192746	21	1 30.3	21.1
269131 2007 RL_{108}	16.2	X	263.35000	63.73192	206.09466	1.90655	0.1485674	0.17995293	3.1071587	21	2 1.3	21.1
269132 2007 RZ_{133}	17.2	X	102.65952	226.60329	182.06018	22.65599	0.0957125	0.38161390	1.8824347	21	—	—
269133 2007 SP_3	15.5	X	206.84256	144.28494	189.19739	18.04965	0.2369722	0.17956715	3.1116074	21	2 21.5	21.1
269134 2007 TF_{89}	16.4	X	44.21050	212.79117	168.51435	5.62707	0.0893046	0.22168624	2.7038145	21	—	—
269135 2007 TL_{92}	16.2	X	293.32773	85.88302	139.69342	5.63253	0.1172224	0.18017180	3.1046418	21	1 15.1	20.8
269136 2007 TF_{161}	15.2	X	201.01794	117.88121	191.08849	17.32607	0.1008400	0.17433241	3.1735886	21	1 19.9	20.5
269137 2007 TM_{177}	16.0	X	71.05484	301.21649	210.59895	9.43531	0.1848514	0.17630357	3.1498895	21	5 16.2	20.1
269138 2007 TM_{225}	16.0	X	211.63395	271.70904	25.61984	1.58252	0.1675188	0.17767614	3.1336464	21	1 19.3	21.1
269139 2007 TJ_{284}	14.9	X	345.48896	48.50266	5.83587	17.50544	0.0959880	0.14783956	3.5422206	21	11 18.9	19.7
269140 2007 UA_{21}	15.9	X	122.60644	236.33047	220.83761	9.15080	0.2112701	0.17753444	3.1353135	21	5 10.9	20.8
269141 2007 UT_{60}	15.8	X	100.10902	78.68171	55.78130	16.94279	0.0666338	0.17895290	3.1187236	21	5 14.1	20.2
269142 2007 VY_{30}	17.8	X	151.64632	307.77564	299.78148	3.96249	0.0989165	0.28923144	2.2645003	21	12 15.1	20.9
269143 2007 WZ_{23}	16.1	X	134.95017	14.69593	92.70376	4.84341	0.0903209	0.18124160	3.0924128	21	5 24.3	20.8
269144 2008 AR_{31}	16.8	X	3.64807	327.86417	125.76300	24.62987	0.0742762	0.36247582	1.9481244	21	—	—
269145 2008 CZ_{31}	17.8	X	219.56715	211.74821	134.17786	5.08552	0.1438720	0.30741029	2.1743216	21	3 10.6	20.9
269146 2008 CE_{204}	16.9	X	137.43150	172.98062	148.57265	6.10381	0.1879673	0.27416536	2.3467185	21	—	—
269147 2008 DU_4	17.3	X	255.90678	138.90288	140.15443	5.08938	0.1817983	0.29025377	2.2591798	21	1 18.2	20.7
269148 2008 EL_{15}	18.1	X	113.10704	269.44737	166.69912	4.76904	0.1459403	0.30063051	2.2068900	21	3 12.4	20.5
269149 2008 EV_{18}	17.6	X	12.49868	299.65566	319.65697	4.82911	0.1594559	0.31368164	2.1452438	21	6 23.3	18.9
269150 2008 ET_{21}	17.3	X	338.22223	205.39055	17.10231	4.67777	0.1031757	0.29732571	2.2232130	21	2 19.5	19.6
269151 2008 EW_{28}	17.8	X	0.97321	78.98744	150.72278	4.66193	0.1136031	0.30251763	2.1977026	21	4 9.4	19.6
269152 2008 EM_{33}	17.4	X	186.63473	282.62314	34.35322	0.93028	0.2404625	0.28375915	2.2935214	21	1 9.3	21.0
269153 2008 ES_{54}	17.8	X	16.09848	66.12076	162.83489	7.25340	0.1240622	0.30576170	2.1821302	21	5 10.1	19.5
269154 2008 EM_{67}	17.7	X	222.55118	0.68238	327.13359	5.83129	0.1698025	0.29725461	2.2235675	21	2 17.7	21.0
269155 2008 EC_{77}	18.0	X	0.67975	203.60219	31.73431	4.79728	0.1053463	0.30533337	2.1841705	21	4 16.5	19.5
269156 2008 EO_{79}	16.9	X	288.78191	312.59150	304.69387	4.47483	0.1667628	0.29439951	2.2379205	21	1 23.3	20.1
269157 2008 ES_{92}	16.8	X	325.73881	139.24607	104.24034	24.71763	0.2124887	0.29499133	2.2349263	21	2 15.4	19.8
269158 2008 EQ_{114}	17.4	X	157.83710	146.81090	298.10325	3.45464	0.0515275	0.30934448	2.1652488	21	5 8.3	20.0
269159 2008 EZ_{114}	17.1	X	51.38232	142.41906	320.55952	6.96535	0.1011143	0.29255526	2.2473158	21	—	—
269160 2008 EF_{127}	17.6	X	120.70762	228.76919	179.78583	6.74474	0.0735972	0.29303779	2.2448481	21	1 30.9	20.2
269161 2008 EV_{150}	17.3	X	106.89055	196.16062	95.91432	3.60060	0.1868130	0.25740252	2.4475271	21	12 23.6	21.1
269162 2008 ET_{155}	17.6	X	212.04480	76.45874	156.70823	6.70320	0.1083919	0.26885277	2.3775320	21	—	—
269163 2008 EL_{168}	17.3	X	214.77814	1.87743	301.42942	2.62121	0.1715634	0.28616597	2.2806434	21	1 13.1	20.9
269164 2008 FL_{15}	17.2	X	318.77524	171.29492	87.15710	6.10639	0.1541844	0.29726731	2.2235042	21	3 6.9	19.9
269165 2008 FU_{25}	16.9	X	252.55184	204.50322	67.36182	3.64415	0.1355038	0.28629851	2.2799395	21	1 9.5	20.2
269166 2008 FO_{58}	17.1	X	72.17285	259.46633	182.84349	6.38439	0.0831603	0.28705484	2.2759330	21	1 6.4	19.4
269167 2008 FB_{59}	17.2	X	182.37219	223.86013	152.96005	7.30344	0.1803749	0.29732538	2.2232146	21	3 16.8	20.7
269168 2008 FJ_{59}	17.0	X	236.57853	183.59707	98.04645	3.95001	0.1493723	0.28446947	2.2897019	21	1 6.2	20.3
269169 2008 FM_{59}	17.8	X	290.75114	249.24112	11.64191	1.11992	0.1189741	0.29261038	2.2470336	21	2 5.2	20.5
269170 2008 FM_{60}	17.2	X	12.99179	24.32185	120.16773	5.53278	0.0685771	0.29062347	2.2572635	21	—	—
269171 2008 FS_{60}	17.1	X	351.49978	92.39554	139.16229	6.02724	0.1448530	0.29941284	2.2128693	21	3 21.3	19.0
269172 2008 FK_{61}	16.9	X	140.97119	227.31613	105.23299	3.49153	0.1832317	0.27810778	2.3244879	21	—	—
269173 2008 FX_{69}	17.7	X	238.53418	70.27580	215.36629	3.89700	0.1308967	0.28430450	2.2905876	21	1 12.4	21.2
269174 2008 FY_{75}	16.9	X	228.39245	124.34548	148.81634	6.03911	0.1593100	0.28547422	2.2843262	21	—	—
269175 2008 FK_{84}	18.0	X	181.74870	77.41040	348.38987	5.05970	0.0860363	0.31324275	2.1472471	21	5 12.6	20.9
269176 2008 FF_{93}	17.1	X	170.62315	283.89490	21.97853	2.62632	0.2202809	0.27905808	2.3192077	21	—	—
269177 2008 FA_{105}	17.1	X	266.96934	195.50149	52.45587	9.65712	0.0974684	0.28344922	2.2951930	21	—	—
269178 2008 FL_{117}	17.9	X	20.38855	270.90533	210.41587	3.59916	0.1057011	0.28655288	2.2785901	21	—	—
269179 2008 FD_{125}	17.6	X	207.39855	252.61820	83.22990	1.53832	0.0528603	0.28979349	2.2615714	21	2 12.6	20.6
269180 2008 FB_{129}	17.7	X	26.33015	316.34022	177.29602	5.28440	0.0724144	0.28864714	2.2675553	21	1 3.2	20.1
269181 2008 FR_{129}	17.6	X	162.92862	306.59394	31.44034	1.76182	0.1962719	0.27927030	2.3180326	21	1 11.0	20.9
269182 2008 GO_{11}	16.9	X	6.69644	201.41973	29.57652	6.95170	0.0961534	0.30192201	2.2005920	21	4 22.1	18.8
269183 2008 GJ_{18}	17.4	X	321.07078	191.28074	88.76954	4.62476	0.0322865	0.31011661	2.1616533	21	4 28.7	19.6
269184 2008 GH_{28}	17.7	X	48.11838	19.23955	64.73853	6.43648	0.1126547	0.28592996	2.2818982	21	—	—
269185 2008 GZ_{37}	17.4	X	221.99503	225.43969	60.15719	3.10762	0.1960684	0.27942141	2.3171969	21	—	—
269186 2008 GB_{42}	17.0	X	115.25942	260.98062	80.94773	4.30997	0.0917915	0.27291964	2.3538540	21	—	—
269187 2008 GO_{42}	16.8	X	306.97273	197.36587	81.45604	5.21202	0.1552719	0.29801271	2.2197950	21	3 18.8	19.4
269188 2008 GC_{45}	17.3	X	212.98950	280.06253	352.98481	1.66795	0.2027610	0.27589753	2.3368859	21	—	—
269189 2008 GZ_{50}	18.1	X	82.74511	20.72060	173.07791	4.52835	0.0694474	0.31419600	2.1429018	21	7 6.9	20.4
269190 2008 GQ_{66}	17.3	X	286.67728	201.52909	82.45079	4.93549	0.1401506	0.29438451	2.2379965	21	3 2.5	20.3
269191 2008 GR_{94}	16.8	X	236.91203	117.71074	151.90787	6.72698	0.0784743	0.28584267	2.2823628	21	—	—
269192 2008 GF_{98}	17.2	X	114.73406	129.44942	157.65268	6.17298	0.1027801	0.25970071	2.4330664	21	12 21.8	20.9
269193 2008 GY_{100}	17.7	X	299.63462	72.28939	168.42014	3.43461	0.1276458	0.28969320	2.2620933	21	1 18.4	20.6
269194 2008 GN_{138}	17.1	X	70.51708	181.13861	146.78783	6.60300	0.1253145	0.25573340	2.4581653	21	12 27.2	20.6
269195 2008 GP_{140}	17.8	X	132.61906	262.73670	167.27573	6.96910	0.0562418	0.29731924	2.2232453	21	3 17.4	20.2
269196 2008 GK_{145}	16.4	X	341.55823	197.20329	118.73798	3.72574	0.2206683	0.23453707	2.6041243	21	7 11.4	18.5
269197 2008 HN_2	17.9	X	312.04903	44.96163	206.52302	5.37557	0.1553048	0.29467725	2.2365141	21	2 10.8	20.8
269198 2008 HZ_{27}	16.8	X	146.61587	114.76432	220.83132	5.43876	0.1214938	0.27894214	2.3198503	21	—	—
269199 2008 HR_{34}	17.1	X	291.93106	112.19807	160.60725	6.50613	0.1048641	0.29186206	2.2508728	21	2 23.9	20.1
269200 2008 HF_{65}	17.3	X	318.71023	34.61095	193.31789	3.41394	0.1101503	0.28929657	2.2641604	21	1 27.4	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269201 2008 HD_{68}	17.5	X	77.07023	252.26034	172.59701	6.39082	0.0802424	0.28268511	2.2993271	21	—	—
269202 2008 JW_{4}	17.1	X	286.54215	248.18783	27.14097	6.38366	0.0978038	0.29436697	2.2380854	21	2 24.4	20.1
269203 2008 JL_{13}	17.1	X	208.56425	173.98382	135.67316	5.61193	0.2267830	0.28455465	2.2892449	21	1 16.9	20.8
269204 2008 JG_{14}	17.3	X	292.91191	64.23470	181.60448	6.54013	0.0777814	0.28624440	2.2802268	21	1 23.3	20.4
269205 2008 JG_{15}	17.7	X	212.14638	110.59387	158.68555	5.97228	0.1908609	0.27355542	2.3502055	21	—	—
269206 2008 JU_{21}	16.9	X	37.62681	271.36573	137.96874	7.37934	0.1681242	0.27063140	2.3671036	21	—	—
269207 2008 JJ_{37}	17.4	X	336.30203	196.09891	81.34098	4.49994	0.1374893	0.30149816	2.2026540	21	5 4.8	19.4
269208 2008 KA_{9}	17.4	X	313.43239	71.45201	75.05798	6.48124	0.0428590	0.27305429	2.3530801	21	—	—
269209 2008 KG_{20}	16.9	X	232.38680	217.40224	135.97293	4.27568	0.2066544	0.21816154	2.7328592	21	4 7.2	21.4
269210 2008 KU_{21}	16.9	X	301.82194	199.06771	148.11399	5.23266	0.1585725	0.23196861	2.6233117	21	6 19.6	20.1
269211 2008 KA_{31}	17.5	X	133.25724	141.45747	158.86240	7.65360	0.0498404	0.26483735	2.4015035	21	—	—
269212 2008 LK_{6}	17.3	X	333.85555	281.95740	171.76086	4.10506	0.0403767	0.26539326	2.3981488	21	—	—
269213 2008 LL_{10}	17.6	X	357.03533	38.15835	115.27991	5.81325	0.0878916	0.28300268	2.2976067	21	—	—
269214 2008 LW_{11}	17.6	X	232.70076	112.07093	164.56119	5.39375	0.1507989	0.27886545	2.3202756	21	—	—
269215 2008 LU_{14}	16.0	X	15.92798	173.65318	207.00137	6.01637	0.2268375	0.24354654	2.5394992	21	—	—
269216 2008 LG_{15}	16.3	X	172.95338	194.77316	102.14579	22.92185	0.1533896	0.26982212	2.3718343	21	—	—
269217 2008 ND_{1}	15.6	X	111.40486	235.47613	284.70763	32.88733	0.2735030	0.22828350	2.6514678	21	7 17.9	20.0
269218 2008 NP_{1}	15.7	X	101.47383	11.26346	165.24386	22.17266	0.0489142	0.22421108	2.6834778	21	7 5.5	19.8
269219 2008 NK_{2}	17.2	X	134.09673	104.41920	188.28130	3.13950	0.2299150	0.25505376	2.4625302	21	—	—
269220 2008 OE_{11}	16.5	X	280.19173	30.84153	287.10948	3.96381	0.1514336	0.21232016	2.7827566	21	4 12.2	20.6
269221 2008 OE_{20}	16.3	X	223.08155	202.62083	137.02216	2.52660	0.0887185	0.20090201	2.8872199	21	3 19.0	20.6
269222 2008 OX_{20}	15.6	X	11.91560	318.79317	162.27353	15.76597	0.2387363	0.18250278	3.0781496	21	—	—
269223 2008 OU_{21}	16.0	X	78.86982	357.43967	138.81570	2.81635	0.0119588	0.20301618	2.8671403	21	4 9.7	19.8
269224 2008 OV_{21}	16.0	X	130.30838	288.01319	136.72239	3.54671	0.1313153	0.19586116	2.9365484	21	3 31.3	20.3
269225 2008 OE_{24}	17.1	X	201.62299	5.25318	267.42941	1.60543	0.1544547	0.26306646	2.4122689	21	—	—
269226 2008 PO_{4}	15.5	X	102.42877	33.37298	10.18347	8.92176	0.1153111	0.18922466	3.0048137	21	2 1.6	19.7
269227 2008 PG_{9}	16.8	X	207.82115	285.72478	5.35632	5.67921	0.2258328	0.26734150	2.3864837	21	—	—
269228 2008 PT_{15}	16.0	X	29.20069	81.38848	334.81556	8.32661	0.0836217	0.17397753	3.1779028	21	—	—
269229 2008 PD_{17}	14.9	X	39.82929	73.50492	320.15337	21.65954	0.1083468	0.17445847	3.1720596	21	—	—
269230 2008 PP_{19}	17.4	X	191.41213	99.87760	138.54475	2.44527	0.1382995	0.25276025	2.4774042	21	—	—
269231 2008 PQ_{19}	15.9	X	13.01847	86.52549	345.19059	6.57896	0.0585611	0.17422290	3.1749184	21	—	—
269232 Tahin	16.1	X	63.98585	70.37161	10.37231	1.77902	0.0947162	0.18707607	3.0277770	21	1 20.9	19.9
269233 2008 QN_{5}	15.1	X	110.99201	353.59033	3.46310	9.18184	0.0956186	0.17642190	3.1484808	21	—	—
269234 2008 QP_{6}	15.7	X	333.30017	153.42057	178.79199	9.08125	0.1351646	0.22032041	2.7149775	21	7 24.4	18.9
269235 2008 QS_{6}	15.8	X	359.02342	264.65510	335.18869	8.34257	0.1117449	0.21120653	2.7925299	21	4 28.1	19.1
269236 2008 QL_{8}	16.4	X	37.74080	332.98074	324.60259	3.52364	0.1339077	0.23179626	2.6246120	21	10 2.4	19.7
269237 2008 QC_{9}	15.9	X	304.21329	148.68817	157.43492	13.53188	0.1995170	0.21344907	2.7729362	21	4 25.9	19.8
269238 2008 QM_{9}	15.6	X	91.01615	25.57806	339.21412	8.92226	0.0772158	0.17703560	3.1412003	21	—	—
269239 2008 QD_{10}	16.4	X	309.06414	148.17520	171.00961	2.29498	0.1836444	0.21583217	2.7524869	21	5 19.5	19.7
269240 2008 QM_{10}	15.5	X	137.56130	346.78885	341.08040	10.69602	0.1092495	0.17945069	3.1129534	21	—	—
269241 2008 QY_{10}	16.9	X	109.72116	102.92100	177.30150	3.79370	0.1847205	0.24301470	2.5432030	21	12 10.1	21.1
269242 2008 QO_{13}	15.5	X	83.44506	15.10054	351.34493	12.79738	0.2294059	0.17260507	3.1947265	21	—	—
269243 Charbonnel	15.9	X	6.49561	263.69072	180.13865	1.98472	0.1459178	0.17347728	3.1840092	21	—	—
269244 2008 QJ_{17}	16.9	X	332.70818	103.36225	198.73982	1.58009	0.2044879	0.21786362	2.7353500	21	6 1.8	19.7
269245 Catastini	15.5	X	153.99822	4.04029	333.36686	18.86336	0.1637956	0.18454459	3.0554030	21	1 18.7	20.5
269246 2008 QF_{20}	16.1	X	132.98409	306.09573	41.43740	2.99882	0.1327907	0.18051037	3.1007585	21	1 2.5	20.7
269247 2008 QN_{20}	15.4	X	36.71769	330.67257	346.81696	13.91108	0.2670733	0.23207294	2.6225255	21	11 13.9	19.0
269248 2008 QL_{23}	15.7	X	55.26552	223.24008	137.93613	16.92230	0.1737291	0.16979845	3.2298343	21	—	—
269249 2008 QO_{24}	16.6	X	285.81548	280.21683	340.71452	9.05146	0.0322842	0.19822381	2.9131678	21	2 26.6	20.5
269250 2008 QR_{26}	15.5	X	247.90401	292.35692	359.41162	7.47844	0.0703704	0.19795784	2.9157766	21	2 18.1	19.8
269251 Kolomna	15.9	X	328.28432	173.11386	164.00881	14.81272	0.2658255	0.22353183	2.6889113	21	7 5.6	18.6
269252 Bogdanstupka	14.9	X	59.36129	238.11727	163.39181	26.92857	0.1263697	0.17661380	3.1461998	21	—	—
269253 2008 QK_{35}	16.0	X	227.11626	118.76796	245.13496	5.12850	0.0987151	0.20520294	2.8467347	21	4 19.0	20.3
269254 2008 QN_{36}	16.0	X	140.67469	260.63573	169.30933	7.10978	0.0248677	0.20334160	2.8640805	21	4 5.6	20.1
269255 2008 QP_{36}	16.9	X	21.99262	135.45016	172.02479	2.93373	0.1563276	0.23000225	2.6382422	21	9 25.4	19.6
269256 2008 QK_{43}	15.5	X	342.98510	57.01093	255.94004	14.30561	0.1389027	0.22284216	2.6944563	21	7 12.9	18.6
269257 2008 RY_{1}	16.3	X	159.36161	163.35694	169.65546	3.64587	0.0287200	0.18271893	3.0757216	21	1 1.5	20.7
269258 2008 RH_{5}	16.2	X	56.80360	256.25718	142.52597	2.45042	0.0786320	0.17277425	3.1926406	21	—	—
269259 2008 RY_{17}	15.7	X	341.11158	346.04217	233.42577	4.65435	0.0688296	0.19846672	2.9107903	21	3 10.9	19.5
269260 2008 RE_{19}	16.1	X	52.68135	268.33321	347.11249	13.68595	0.2100114	0.22511602	2.6762814	21	9 9.9	19.4
269261 2008 RU_{27}	16.7	X	145.61862	138.67756	163.40552	12.07835	0.2753277	0.25669025	2.4520527	21	—	—
269262 2008 RM_{29}	15.0	X	344.44015	303.72661	177.89525	18.14504	0.1112811	0.17499120	3.1656185	21	—	—
269263 2008 RS_{47}	16.3	X	25.03550	291.87406	342.14019	13.01694	0.1397680	0.22514487	2.6760528	21	8 13.4	19.3
269264 2008 RY_{50}	15.8	X	311.56511	231.26428	256.43974	5.19560	0.1244369	0.17223450	3.1993072	21	—	—
269265 2008 RO_{58}	15.4	X	122.33604	25.15759	1.43535	17.15713	0.0339617	0.18549715	3.0449340	21	1 28.9	20.0
269266 2008 RL_{63}	15.6	X	29.80721	98.14091	46.20409	2.87544	0.0489735	0.19132057	2.9828284	21	2 18.1	19.4
269267 2008 RO_{65}	15.9	X	155.35480	230.54278	84.84542	2.98337	0.0214729	0.17879919	3.1205107	21	—	—
269268 2008 RP_{69}	16.4	X	16.45120	21.10692	212.05235	4.01473	0.0548905	0.21061297	2.7977741	21	5 22.9	19.9
269269 2008 RN_{70}	16.8	X	188.18807	194.05277	108.95430	3.55939	0.1902429	0.26458239	2.4030460	21	—	—
269270 2008 RW_{71}	16.3	X	355.44683	130.89105	167.82758	5.94260	0.1337823	0.22340517	2.6899275	21	7 18.8	19.1
269271 2008 RF_{72}	16.8	X	144.06421	191.66853	193.31570	1.06346	0.0864764	0.19336092	2.9618080	21	2 19.6	21.1
269272 2008 RJ_{82}	15.8	X	250.36381	208.60854	177.51547	12.50337	0.0722517	0.21551407	2.7551947	21	6 16.9	19.9
269273 2008 RO_{89}	15.6	X	320.65346	29.07503	210.16823	12.93963	0.1757025	0.19816806	2.9137141	21	2 18.3	19.7
269274 2008 RL_{90}	16.4	X	287.06163	185.56745	156.16833	6.95270	0.0355478	0.21532395	2.7568163	21	6 11.3	20.2
269275 2008 RY_{95}	15.4	X	226.35621	274.53339	318.82644	10.43955	0.0435781	0.18005052	3.1060358	21	—	—
269276 2008 RB_{102}	15.7	X	246.24799	100.19717	169.95345	11.01394	0.0762022	0.18964566	3.0003651	21	1 19.1	20.3
269277 2008 RN_{105}	16.3	X	224.08056	267.78604	31.49496	0.53824	0.1610400	0.18878104	3.0095193	21	1 30.2	21.2
269278 2008 RH_{108}	15.6	X	289.71724	82.45827	326.34225	2.45243	0.0770709	0.14321511	3.6180688	21	8 31.9	20.6
269279 2008 RK_{110}	16.3	X	326.89382	340.81534	218.65034	2.32801	0.0531087	0.18921804	3.0048838	21	1 30.7	20.4
269280 2008 RW_{115}	16.4	X	341.10651	323.25274	319.59331	2.89187	0.0623577	0.21337159	2.7736074	21	6 4.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269281 2008 RO_{117}	16.1	X	17.34541	347.01864	205.84589	4.35798	0.0461535	0.20100037	2.8862779	21	3 31.1	19.8
269282 2008 RN_{121}	16.3	X	129.83034	359.40792	33.28267	0.29825	0.0690299	0.18894631	3.0077641	21	2 11.9	20.6
269283 2008 RN_{136}	16.2	X	355.85594	123.04419	139.44039	5.01156	0.0608321	0.20968117	2.8060566	21	6 1.1	19.7
269284 2008 RK_{138}	15.4	X	66.44927	253.45838	129.71057	5.21179	0.1683304	0.17265350	3.1941290	21	—	—
269285 2008 RN_{141}	16.2	X	194.67072	17.79727	317.08417	0.81360	0.0968525	0.19260634	2.9695388	21	2 13.2	20.9
269286 2008 SA_{1}	16.3	X	7.48664	210.50269	126.75777	4.94868	0.2372710	0.23113019	2.6296519	21	10 25.5	18.7
269287 2008 SY_{4}	15.6	X	236.69012	197.59936	69.54470	6.52080	0.0727090	0.18505980	3.0497295	21	1 8.6	20.2
269288 2008 SV_{15}	16.3	X	66.20516	260.31308	178.58242	2.25354	0.1158644	0.18724294	3.0259779	21	1 22.9	20.1
269289 2008 SY_{18}	16.2	X	127.43834	20.19503	170.65990	13.65431	0.0815932	0.22703139	2.6612077	21	8 28.8	20.1
269290 2008 SV_{20}	17.0	X	156.79381	94.97620	132.00772	2.32937	0.1305220	0.24296701	2.5435357	21	11 17.6	20.9
269291 2008 SM_{21}	15.5	X	354.63768	286.29731	178.07265	11.59997	0.1438584	0.17596158	3.1539694	21	—	—
269292 2008 SC_{23}	16.6	X	160.13190	106.89341	286.91552	0.90620	0.0218719	0.19747975	2.9204807	21	3 13.5	20.7
269293 2008 SC_{36}	15.8	X	318.94701	146.78087	31.23123	5.60689	0.0306442	0.17943659	3.1131165	21	1 1.2	20.2
269294 2008 SJ_{37}	15.0	X	170.64721	47.96625	42.03573	1.90750	0.1356531	0.12673133	3.9253651	21	6 11.4	21.1
269295 2008 SZ_{50}	17.4	X	127.39911	89.56140	185.82014	6.34582	0.2291078	0.24513018	2.5285499	21	12 20.1	21.9
269296 2008 SU_{52}	16.1	X	331.61290	246.16554	12.46401	8.85539	0.1298270	0.20409045	2.8570703	21	4 10.1	19.5
269297 2008 SC_{68}	15.8	X	3.16694	139.56373	170.16212	10.02019	0.1648465	0.22155550	2.7048780	21	8 20.9	18.6
269298 2008 SB_{71}	15.4	X	276.67615	232.63459	21.98209	10.44822	0.0919234	0.18959321	3.0009184	21	2 6.0	19.9
269299 2008 SK_{74}	15.3	X	187.31784	331.34945	342.25104	11.38038	0.1807965	0.18409018	3.0604289	21	1 19.5	20.5
269300 Diego	15.7	X	354.71134	351.12004	108.27499	4.27119	0.0732606	0.17142779	3.2093363	21	—	—
269301 2008 SB_{88}	15.5	X	232.95092	57.70388	235.36480	3.73870	0.0589031	0.19240135	2.9716476	21	2 1.9	20.0
269302 2008 ST_{109}	15.6	X	31.02445	242.69777	183.21937	10.46052	0.0771064	0.17074764	3.2178534	21	—	—
269303 2008 SL_{110}	16.2	X	303.87065	185.80196	135.16012	2.62886	0.0857675	0.20974787	2.8054617	21	5 29.9	19.8
269304 2008 SV_{110}	16.0	X	155.36399	216.52536	174.13026	7.94702	0.0178780	0.19062872	2.9900411	21	3 4.3	20.3
269305 2008 SA_{114}	16.1	X	341.94572	22.37856	169.68684	9.25788	0.0254524	0.18809460	3.0168369	21	2 12.9	20.3
269306 2008 SD_{130}	15.6	X	272.63210	208.38243	10.66329	6.73239	0.0699375	0.17559662	3.1583381	21	—	—
269307 2008 SK_{139}	15.8	X	225.48164	289.40855	10.38502	9.88744	0.0237862	0.19124681	2.9835953	21	2 8.3	20.2
269308 2008 SW_{145}	15.7	X	47.59210	249.80824	157.55356	8.92528	0.0658775	0.17661077	3.1462357	21	—	—
269309 2008 SV_{151}	15.6	X	26.16911	46.70696	234.56219	9.38997	0.2359791	0.22378063	2.6869178	21	9 1.0	18.6
269310 2008 SA_{153}	16.8	X	75.37076	130.97801	163.77054	2.73308	0.1957993	0.23794408	2.5792065	21	11 26.5	20.6
269311 2008 SC_{154}	15.9	X	64.28652	244.78268	164.34482	7.80734	0.1397492	0.17606594	3.1527230	21	—	—
269312 2008 SK_{154}	16.2	X	304.58721	148.94046	169.00193	6.85523	0.0418630	0.21071511	2.7968699	21	6 2.9	20.0
269313 2008 SK_{155}	15.7	X	229.35955	248.00566	72.80440	4.99070	0.0619420	0.19360081	2.9593610	21	3 6.7	20.2
269314 2008 SD_{159}	15.6	X	180.42861	320.80607	350.10420	5.82324	0.1182363	0.18297753	3.0728230	21	1 6.0	20.4
269315 2008 SD_{166}	15.7	X	61.78598	320.71116	93.11141	2.67635	0.1439798	0.17457436	3.1706557	21	—	—
269316 2008 SJ_{166}	15.1	X	316.45819	134.30085	26.16199	19.17406	0.0069293	0.17571548	3.1569137	21	—	—
269317 2008 SG_{168}	15.8	X	23.86976	38.53819	235.79728	12.00130	0.1570066	0.22472416	2.6793917	21	8 4.9	18.9
269318 2008 SJ_{171}	15.6	X	355.74444	262.46187	231.08802	4.99521	0.0597806	0.18132455	3.0914696	21	—	—
269319 2008 SS_{172}	16.2	X	145.08851	50.82756	25.14009	14.89689	0.3467343	0.19034712	2.9929894	21	5 9.7	21.7
269320 2008 SL_{176}	17.0	X	44.40615	285.16384	38.50597	5.34336	0.2124546	0.23447457	2.6045871	21	11 28.7	20.5
269321 2008 SA_{177}	16.6	X	341.88198	198.54355	135.63565	6.47049	0.1464803	0.22055802	2.7130272	21	8 14.9	19.1
269322 2008 SR_{207}	15.2	X	62.69358	64.88731	341.90524	16.94321	0.1117164	0.17627977	3.1501729	21	—	—
269323 Madisonvillehigh	16.5	X	30.93807	192.50343	1.33070	10.74180	0.0195640	0.20098680	2.8864079	21	4 17.3	20.4
269324 2008 SL_{219}	15.6	X	300.50150	214.94386	357.67429	14.08984	0.0449908	0.18584869	3.0410931	21	1 20.9	20.1
269325 2008 SO_{221}	16.5	X	220.01977	347.54266	329.63066	1.28670	0.0574955	0.19343475	2.9610544	21	2 17.9	20.8
269326 2008 SH_{269}	15.8	X	259.89469	306.67224	126.47033	8.46924	0.1252078	0.21928694	2.7235010	21	8 24.1	19.5
269327 2008 SC_{278}	13.4	X	0.53212	95.67803	293.29094	6.29544	0.0701477	0.08098462	5.2909585	21	11 1.3	20.2
269328 2008 SY_{282}	15.8	X	169.10589	81.45883	231.83854	3.76164	0.1101703	0.18296111	3.0730068	21	—	—
269329 2008 SJ_{285}	15.9	X	48.70460	236.07039	179.89969	7.71618	0.0467361	0.17647824	3.1478107	21	—	—
269330 2008 TU_{1}	15.8	X	161.33692	192.85122	153.05991	8.86115	0.1653069	0.18834236	3.0141906	21	1 29.3	20.6
269331 2008 TV_{3}	15.0	X	234.47492	5.31738	321.85833	13.81538	0.1532233	0.19507704	2.9444122	21	3 7.7	19.8
269332 2008 TK_{6}	15.0	X	195.87354	14.15184	55.68127	10.47293	0.2479816	0.12422995	3.9778814	21	6 7.7	21.6
269333 2008 TA_{17}	16.3	X	242.68622	304.38212	326.10328	1.68972	0.1080904	0.18157371	3.0886408	21	1 16.9	20.9
269334 2008 TY_{17}	15.6	X	194.65952	305.58328	29.15885	7.36878	0.1821037	0.18698250	3.0287871	21	2 18.5	20.7
269335 2008 TD_{19}	16.0	X	205.13486	30.26580	250.76918	0.29765	0.1483415	0.17633321	3.1495365	21	—	—
269336 2008 TS_{27}	16.2	X	142.80143	151.66584	214.42928	2.39421	0.0995464	0.18402590	3.0611415	21	1 29.3	20.7
269337 2008 TC_{30}	16.2	X	168.29477	297.13681	14.51024	1.04771	0.1672838	0.18140301	3.0905781	21	—	—
269338 2008 TM_{30}	16.4	X	217.94592	176.83133	153.97242	0.74650	0.1065143	0.19223535	2.9733580	21	3 2.9	21.0
269339 2008 TJ_{37}	15.6	X	335.65233	1.39378	217.22508	5.58580	0.0862599	0.19513482	2.9438309	21	2 28.5	19.5
269340 2008 TB_{40}	15.0	X	251.22138	326.84909	269.63190	10.01894	0.0404350	0.17851751	3.1237924	21	—	—
269341 2008 TD_{52}	15.4	X	206.78721	3.65711	262.40596	9.14264	0.0508273	0.17592014	3.1544648	21	—	—
269342 2008 TU_{91}	16.1	X	356.71887	141.99364	166.01665	8.57156	0.1560061	0.21913648	2.7247475	21	8 3.9	19.0
269343 2008 TZ_{94}	14.8	X	143.10986	332.54978	317.24079	24.52830	0.1629277	0.17098260	3.2149047	21	—	—
269344 2008 TH_{95}	17.1	X	115.44525	43.98474	206.52709	1.75528	0.1654066	0.23921230	2.5700824	21	11 7.8	21.1
269345 2008 TG_{106}	15.1	X	182.68255	60.03769	16.65185	3.27802	0.1665538	0.12451888	3.9717257	21	6 6.5	21.4
269346 2008 TB_{110}	15.6	X	263.77821	68.09047	165.97749	11.94439	0.0335195	0.17998106	3.1068349	21	1 1.9	20.3
269347 2008 TV_{110}	14.8	X	309.41525	215.77938	215.03753	15.23632	0.0522327	0.15329744	3.4576374	21	10 27.9	19.4
269348 2008 TT_{134}	16.0	X	339.57261	200.01460	9.65056	8.32599	0.0677036	0.18877986	3.0095319	21	3 2.7	20.0
269349 2008 TT_{179}	15.3	X	268.73223	200.29766	118.98117	9.42569	0.0364033	0.20128926	2.8835157	21	4 23.1	19.5
269350 2008 US_{9}	16.1	X	325.70335	257.14290	306.47591	2.45525	0.0689504	0.18892107	3.0080320	21	2 1.9	20.2
269351 2008 UW_{11}	15.8	X	315.74664	223.89912	323.73466	2.60918	0.0644552	0.18231939	3.0802135	21	1 3.4	20.1
269352 2008 UM_{12}	16.3	X	315.74270	285.00916	339.01753	1.27555	0.0289028	0.19970148	2.8987796	21	4 9.0	20.1
269353 2008 UO_{36}	15.7	X	217.62451	300.59244	314.02890	2.81841	0.1285733	0.17043175	3.2218282	21	—	—
269354 2008 UW_{50}	15.4	X	212.77730	77.48987	208.92676	3.65592	0.1698144	0.18197357	3.0841146	21	1 6.4	20.5
269355 2008 UR_{61}	15.8	X	233.77275	246.13019	14.81582	6.53587	0.1700485	0.17675468	3.1445277	21	—	—
269356 2008 UF_{90}	13.4	X	33.15460	59.47658	299.58116	4.86958	0.1274859	0.08219334	5.2389586	21	11 16.0	19.9
269357 2008 UL_{97}	15.8	X	320.13836	353.30895	68.10028	11.62343	0.0794183	0.22798414	2.6537884	21	11 13.6	18.8
269358 2008 UN_{122}	16.7	X	202.82298	314.05329	310.59342	4.86277	0.0950201	0.24708532	2.5151936	21	—	—
269359 2008 UJ_{205}	14.5	X	169.15859	199.86474	91.52831	25.15407	0.1150858	0.17320050	3.1874004	21	—	—
269360 2008 UN_{249}	15.7	X	274.39141	254.20696	38.11929	10.53733	0.0532494	0.19810939	2.9142894	21	3 24.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269361 2008 UN_{323}	15.1	X	219.40319	280.88595	27.83271	21.91985	0.1877427	0.18600957	3.0393393	21	2 16.3	20.6
269362 2008 UZ_{334}	15.4	X	221.61154	14.30487	256.13488	6.48466	0.1351230	0.17420718	3.1751093	21	—	—
269363 2008 UB_{338}	15.6	X	134.35130	294.93809	35.58297	5.75457	0.0515666	0.16698811	3.2659712	21	—	—
269364 2008 US_{354}	15.5	X	249.60297	206.79282	64.23239	14.67753	0.2283532	0.18160792	3.0882529	21	1 18.5	20.9
269365 2008 VA_{43}	15.6	X	203.44268	157.20833	166.72482	14.34072	0.1783837	0.18683464	3.0303848	21	2 8.7	20.7
269366 2008 WB_{6}	16.8	X	89.09241	272.64374	358.84437	3.36139	0.2477438	0.22926167	2.6439207	21	11 13.4	21.0
269367 2008 WL_{6}	17.3	X	59.30115	209.95298	15.40431	2.84435	0.1186274	0.28550224	2.2841767	21	7 28.2	19.7
269368 2008 WL_{49}	14.7	X	233.03342	231.23520	152.83571	4.96907	0.1740875	0.12399491	3.9829068	21	5 21.0	20.9
269369 2008 WK_{140}	16.0	X	166.08806	70.59333	332.10636	1.68176	0.0512628	0.19058943	2.9904521	21	4 3.4	20.4
269370 2008 YX_{40}	16.5	X	94.62662	331.50172	110.89211	11.06617	0.1250434	0.25307683	2.4753377	21	3 2.8	19.5
269371 2008 YE_{168}	15.8	X	241.89509	156.64747	63.55189	12.87894	0.0717693	0.23141227	2.6275145	21	—	—
269372 2008 YS_{169}	15.4	X	123.89205	333.93919	96.63513	17.44135	0.0439097	0.18231248	3.0802913	21	3 29.7	20.2
269373 2008 YT_{172}	16.9	X	79.60810	215.76642	119.15314	5.96328	0.0542330	0.22314823	2.6919919	21	12 31.5	20.8
269374 2009 AF_{17}	15.0	X	179.86132	251.71410	88.14228	13.14995	0.0569925	0.17465113	3.1697265	21	2 8.1	19.9
269375 2009 DV_{46}	15.4	X	40.88679	16.38488	173.41481	9.62332	0.1412482	0.17473436	3.1687198	21	5 14.3	19.3
269376 2009 DP_{57}	15.6	X	351.18808	278.19454	357.18390	9.76622	0.1946985	0.17762838	3.1342080	21	6 2.7	19.2
269377 2009 NB_{1}	15.4	X	154.62483	87.50344	285.90367	29.92697	0.1308892	0.21318212	2.7752505	21	2 6.2	20.0
269378 2009 NH_{2}	16.1	X	321.97470	339.65783	278.78769	12.32782	0.1322144	0.22671423	2.6636891	21	3 15.9	19.9
269379 2009 OW_{3}	15.1	X	30.08457	66.02273	305.38583	24.54643	0.2955464	0.17590974	3.1545891	21	—	—
269380 2009 PM_{10}	17.4	X	100.20803	52.29519	331.90086	0.18032	0.1974904	0.28117059	2.3075766	21	—	—
269381 2009 PG_{20}	16.7	X	249.48293	242.20690	168.08223	13.96541	0.1320888	0.23495171	2.6010596	21	7 8.7	20.7
269382 2009 QW	15.5	X	274.32229	315.76060	33.17254	8.39899	0.3616851	0.22800570	2.6536211	21	4 22.0	19.9
269383 2009 QG_{1}	17.6	X	99.60550	251.60883	123.74032	4.11000	0.1815573	0.27959628	2.3162306	21	—	—
269384 2009 QX_{2}	16.7	X	222.44496	55.61613	316.63798	5.52371	0.0643655	0.22354289	2.6888226	21	4 23.7	20.8
269385 2009 QY_{3}	16.6	X	197.86682	224.89773	150.14854	9.25998	0.2173563	0.21544925	2.7557473	21	4 6.3	21.4
269386 2009 QY_{14}	17.0	X	355.07909	270.63153	189.38337	4.03886	0.1194912	0.27033963	2.3688064	21	—	—
269387 2009 QT_{22}	17.3	X	47.77004	254.52199	103.03364	2.51362	0.2048490	0.26262345	2.4149810	21	—	—
269388 2009 QX_{22}	16.6	X	8.32951	50.53709	354.59224	8.31121	0.1154226	0.26183055	2.4198540	21	—	—
269389 2009 QH_{28}	17.2	X	10.60239	118.49628	330.31365	5.87996	0.1357440	0.27607389	2.3358905	21	—	—
269390 Igortkachenko	17.3	X	236.15155	53.21663	333.42719	5.60175	0.2668549	0.22756059	2.6570803	21	5 13.2	22.0
269391 2009 QM_{37}	16.8	X	56.48987	230.42692	158.55766	6.70745	0.1019754	0.26663030	2.3907255	21	—	—
269392 2009 QX_{37}	17.6	X	235.70031	164.25655	157.70026	4.81270	0.1103641	0.29986269	2.2106556	21	2 23.8	20.8
269393 2009 QS_{44}	16.7	X	111.02685	194.55076	128.18016	10.54946	0.2364516	0.27061324	2.3672094	21	—	—
269394 2009 QC_{45}	17.7	X	2.97500	177.49105	224.52528	1.55974	0.2060784	0.25930109	2.4355655	21	—	—
269395 2009 QX_{50}	17.3	X	189.18274	11.85047	356.59996	7.41223	0.1437430	0.29804837	2.2196179	21	3 10.0	20.4
269396 2009 QQ_{60}	16.0	X	192.40343	51.36706	352.34348	24.51313	0.2784403	0.21498901	2.7596788	21	4 22.2	21.4
269397 2009 RB	15.3	X	348.33979	290.65529	52.18230	14.18759	0.2184031	0.23782087	2.5800972	21	9 24.2	17.7
269398 2009 RE_{3}	16.5	X	252.92515	83.63886	309.86069	10.51305	0.1920403	0.23176718	2.6248315	21	6 14.5	20.7
269399 2009 RZ_{5}	16.9	X	164.90723	19.34305	319.20971	7.23775	0.1466283	0.28542471	2.2845903	21	1 7.8	20.0
269400 2009 RN_{8}	17.4	X	192.06098	248.58698	342.26938	3.76780	0.0461260	0.26446169	2.4037772	21	—	—
269401 2009 RO_{8}	16.8	X	2.59927	213.37323	238.01887	1.76304	0.2985681	0.18023075	3.1039648	21	—	—
269402 2009 RH_{12}	16.9	X	237.15988	353.87876	175.36040	2.59539	0.1475273	0.25776082	2.4452585	21	11 30.5	20.1
269403 2009 RT_{13}	17.0	X	263.95178	185.58720	191.91086	2.17459	0.1353674	0.23000735	2.6382031	21	6 12.9	20.8
269404 2009 RL_{15}	17.3	X	327.58528	257.62752	182.05065	6.04918	0.1018668	0.25664201	2.4523599	21	12 26.6	19.9
269405 2009 RN_{28}	17.7	X	55.90032	330.90736	15.04383	3.19584	0.1757246	0.25975029	2.4327568	21	—	—
269406 2009 RK_{29}	16.4	X	337.00884	217.79700	213.02188	6.80885	0.0623019	0.25859433	2.4400013	21	12 27.6	19.3
269407 2009 RS_{30}	17.4	X	343.34055	209.82830	343.92715	4.57960	0.0658586	0.28945137	2.2633531	21	1 24.1	20.0
269408 2009 RD_{46}	15.1	X	347.20340	254.09941	198.88872	15.76684	0.2533259	0.17643553	3.1483187	21	—	—
269409 2009 RQ_{52}	17.0	X	109.62526	78.82638	150.71288	2.83537	0.0831703	0.24247534	2.5469730	21	10 1.2	20.6
269410 2009 RB_{54}	15.8	X	53.60470	57.20324	33.36859	9.44097	0.0871702	0.19308141	2.9646657	21	1 17.6	19.6
269411 2009 RZ_{55}	16.6	X	225.45875	253.12460	89.79796	2.82554	0.0544018	0.21137987	2.7910029	21	3 26.7	20.7
269412 2009 RM_{69}	17.2	X	89.52309	115.61182	250.99784	2.90432	0.1898237	0.27131380	2.3631328	21	—	—
269413 2009 SK_{20}	17.6	X	161.48890	42.76097	246.06198	0.92083	0.1840755	0.27665739	2.3326050	21	—	—
269414 2009 SX_{20}	16.6	X	55.94182	66.90153	329.57612	6.52911	0.1265740	0.26843479	2.3799994	21	—	—
269415 2009 SV_{32}	15.8	X	339.34728	230.74599	234.60967	5.04106	0.2018185	0.17800030	3.1298407	21	—	—
269416 2009 SL_{39}	15.7	X	133.78804	109.08213	9.99855	7.45018	0.1034529	0.21855772	2.7295556	21	6 4.7	19.9
269417 2009 SF_{46}	16.9	X	197.05781	117.29398	279.78728	2.91047	0.1208569	0.21631570	2.7483837	21	4 28.6	21.2
269418 2009 SM_{52}	16.9	X	265.33275	355.70171	160.75191	2.84540	0.1396993	0.26054036	2.4278362	21	12 25.2	19.5
269419 2009 ST_{66}	16.1	X	159.55433	49.10240	50.47224	5.20793	0.1075292	0.21996163	2.7179290	21	6 8.8	20.2
269420 2009 SD_{107}	12.9	X	299.30703	255.18484	183.83496	25.06040	0.0819320	0.08283126	5.2120256	21	10 13.4	19.6
269421 2009 SB_{119}	17.2	X	126.14829	275.16929	343.05863	4.19553	0.0574282	0.25518026	2.4617163	21	11 23.9	20.6
269422 2009 SX_{121}	17.2	X	352.91016	231.17550	332.82406	3.11358	0.1242386	0.29479283	2.2359295	21	2 11.8	19.4
269423 2009 SQ_{128}	16.7	X	42.27532	175.98533	277.87278	1.79855	0.2321454	0.18955514	3.0013203	21	1 8.3	19.3
269424 2009 SE_{131}	17.1	X	186.94889	270.19708	32.59722	6.73371	0.1340649	0.28041305	2.3117307	21	—	—
269425 2009 SE_{132}	16.4	X	168.09314	264.94460	155.69598	4.94997	0.0731919	0.21546391	2.7556223	21	4 29.6	20.4
269426 2009 SW_{132}	17.5	X	303.80041	26.81827	163.49477	5.89718	0.0777718	0.27787902	2.3257634	21	—	—
269427 2009 SU_{134}	17.2	X	250.50961	190.97400	334.67853	2.40836	0.0421840	0.25876631	2.4389200	21	12 29.7	20.2
269428 2009 SD_{135}	17.5	X	202.16444	165.40989	222.53975	4.61603	0.1029158	0.21595024	2.7514835	21	4 23.2	21.8
269429 2009 SG_{135}	17.7	X	246.51139	303.72088	327.27284	2.53672	0.0580434	0.28439598	2.2900963	21	1 5.1	20.8
269430 2009 SB_{147}	16.1	X	354.09418	292.28206	173.95781	6.82506	0.1834976	0.18029118	3.1032712	21	—	—
269431 2009 SP_{148}	15.3	X	343.58948	269.45236	221.95312	14.55918	0.0900891	0.18082185	3.0971966	21	—	—
269432 2009 SN_{150}	16.7	X	192.02001	289.56370	347.63173	6.46274	0.0992748	0.27728290	2.3290956	21	—	—
269433 2009 SL_{163}	17.5	X	357.78060	341.79640	84.80232	2.46048	0.1611798	0.26091860	2.4254893	21	—	—
269434 2009 SR_{164}	15.5	X	48.74970	355.18899	40.63299	10.20267	0.0954628	0.18020306	3.1042828	21	—	—
269435 2009 SO_{165}	18.1	X	4.91644	29.84675	223.98924	4.11264	0.1082900	0.31105751	2.1572919	21	5 25.9	19.8
269436 2009 SP_{174}	17.5	X	182.71359	213.38380	165.35672	4.28549	0.1390605	0.29558156	2.2319501	21	3 16.7	20.8
269437 2009 SP_{200}	17.6	X	102.83099	71.50578	254.10203	2.36166	0.1413379	0.26617592	2.3934455	21	—	—
269438 2009 SY_{202}	16.4	X	158.69996	79.59140	37.49089	10.88099	0.1068210	0.22419078	2.6836397	21	7 1.2	20.6
269439 2009 SV_{204}	17.4	X	294.37159	354.72016	222.41930	1.85444	0.1201782	0.28152381	2.3056460	21	—	—
269440 2009 SE_{206}	17.0	X	353.77493	227.31336	342.76269	6.85718	0.0692294	0.29800513	2.2198326	21	3 1.4	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269441 2009 SJ_{212}	17.0	X	236.45412	171.01728	22.91218	6.79969	0.1309172	0.26246295	2.4159654	21	—	—
269442 2009 SC_{220}	17.1	X	29.90104	199.42167	153.74028	6.96576	0.1065089	0.25555014	2.4593403	21	12 7.8	20.2
269443 2009 SP_{224}	15.8	X	98.84400	66.92170	30.67929	15.21777	0.1222912	0.20525479	2.8462553	21	4 4.2	19.7
269444 2009 SR_{230}	15.4	X	2.08044	31.84822	36.54989	17.31401	0.1947750	0.17423894	3.1747235	21	—	—
269445 2009 SZ_{233}	17.3	X	174.82492	223.06061	149.95195	5.07001	0.1078970	0.29332084	2.2434037	21	2 26.8	20.2
269446 2009 SJ_{238}	16.9	X	41.82527	261.23755	133.17489	6.71754	0.1377084	0.26536730	2.3983052	21	—	—
269447 2009 SH_{245}	17.4	X	60.47699	52.69318	320.97690	5.08852	0.1611780	0.26923938	2.3752555	21	—	—
269448 2009 SA_{250}	16.4	X	22.37490	234.86367	220.58099	2.13739	0.1882943	0.18509025	3.0493950	21	—	—
269449 2009 SC_{253}	16.7	X	291.42774	172.92462	182.56611	1.75008	0.0504520	0.22227089	2.6990711	21	7 2.7	20.3
269450 2009 SD_{253}	16.1	X	261.85539	302.98425	70.39793	6.50883	0.0527623	0.21935831	2.7229103	21	6 16.4	19.7
269451 2009 SE_{256}	17.4	X	101.93293	212.77867	195.23931	4.32180	0.1501604	0.28296079	2.2978334	21	1 16.9	19.7
269452 2009 SM_{267}	15.6	X	16.15915	253.21399	216.89797	14.67576	0.1920980	0.18508333	3.0494711	21	—	—
269453 2009 SY_{270}	16.9	X	238.42802	239.51361	347.30920	6.26358	0.0668862	0.27133680	2.3629992	21	—	—
269454 2009 SC_{272}	16.7	X	105.18381	278.32276	229.07549	6.22498	0.1779370	0.21639494	2.7477126	21	6 19.2	20.7
269455 2009 SA_{276}	16.6	X	233.25984	231.99687	159.14245	4.74182	0.1329242	0.22514659	2.6760392	21	5 28.6	20.7
269456 2009 SB_{277}	16.4	X	148.43696	290.39561	132.03853	3.10563	0.0843206	0.21258910	2.7804093	21	4 10.7	20.4
269457 2009 SQ_{289}	17.4	X	50.52252	246.91900	131.19012	3.53671	0.0631304	0.26253430	2.4155277	21	—	—
269458 2009 SW_{297}	16.8	X	126.17079	29.02049	68.80767	5.63241	0.1256627	0.21305874	2.7763219	21	5 4.7	20.9
269459 2009 SJ_{333}	17.6	X	17.27861	0.15317	6.59777	2.46886	0.1963626	0.25566038	2.4586333	21	12 20.9	20.4
269460 2009 SB_{336}	16.7	X	212.78829	107.37094	14.54660	13.88421	0.2017508	0.23572541	2.5953650	21	9 1.3	21.0
269461 2009 SA_{345}	17.2	X	218.59058	310.30277	140.47540	3.37445	0.0827803	0.23291455	2.6162042	21	8 1.8	21.0
269462 2009 SE_{346}	16.9	X	43.41296	186.14950	238.10857	2.51695	0.1627407	0.18643078	3.0347597	21	—	—
269463 2009 SZ_{347}	17.8	X	342.02116	9.33662	174.87246	5.03813	0.0942272	0.28619483	2.2804901	21	1 3.5	20.5
269464 2009 SK_{348}	12.9	X	318.01021	284.67787	145.76828	17.44274	0.1539911	0.08117269	5.2827827	21	10 24.2	19.5
269465 2009 SF_{350}	16.1	X	40.74919	303.19071	189.43900	5.71804	0.0757473	0.19852503	2.9102203	21	2 15.3	19.7
269466 2009 SR_{360}	17.3	X	7.03327	195.74416	33.47430	5.72410	0.1503930	0.30085166	2.2058084	21	4 16.7	18.6
269467 2009 SM_{361}	15.6	X	32.41213	105.93689	308.57670	7.20405	0.1556970	0.18005651	3.1059670	21	—	—
269468 2009 SP_{363}	17.4	X	310.39629	224.02140	357.09190	3.82303	0.0863900	0.28967211	2.2622031	21	1 12.7	20.2
269469 2009 TB_{18}	15.4	X	111.70099	21.99891	328.10866	11.31013	0.1500974	0.18596647	3.0398089	21	—	—
269470 2009 TF_{20}	17.2	X	97.09495	319.82162	46.33070	2.19405	0.2014330	0.26989230	2.3714232	21	—	—
269471 2009 TP_{21}	16.1	X	315.50019	241.02481	108.58640	5.40232	0.1141128	0.23284649	2.6167140	21	7 22.9	19.1
269472 2009 TB_{24}	16.2	X	224.72447	49.20035	15.37730	12.62675	0.1102257	0.22872385	2.6480637	21	7 4.2	20.4
269473 2009 TR_{25}	16.3	X	182.70124	103.66993	290.46118	4.92746	0.0275281	0.21283772	2.7782436	21	4 6.5	20.2
269474 2009 TG_{27}	16.0	X	266.82558	270.96207	91.78223	12.15322	0.0809609	0.22412271	2.6841831	21	6 5.6	19.6
269475 2009 TQ_{32}	15.8	X	94.53950	66.02080	319.38495	7.79059	0.1125275	0.18744814	3.0237692	21	—	—
269476 2009 TR_{34}	15.5	X	57.99424	262.15943	124.28055	7.29003	0.2575451	0.18087553	3.0965838	21	—	—
269477 2009 TM_{35}	16.5	X	271.38296	198.67060	177.56795	2.37460	0.1676134	0.22788513	2.6545570	21	6 15.9	20.1
269478 2009 TP_{35}	16.8	X	165.82754	234.95954	185.46806	4.46677	0.1903106	0.21033211	2.8002641	21	5 2.4	21.4
269479 2009 TH_{36}	17.5	X	105.84270	215.20152	149.54688	1.56791	0.2020151	0.27194201	2.3594920	21	—	—
269480 2009 TC_{39}	15.8	X	73.23462	258.74145	154.86793	13.91763	0.1315848	0.18793330	3.0185629	21	1 3.6	19.8
269481 2009 TC_{42}	15.4	X	36.99206	128.84921	354.57351	7.14388	0.1881862	0.19062394	2.9900911	21	2 6.9	18.5
269482 2009 TO_{42}	15.8	X	25.76643	81.73167	4.70980	7.68662	0.1314772	0.18221994	3.0813340	21	—	—
269483 2009 TB_{44}	16.9	X	256.58439	112.68810	131.82492	6.87750	0.1137639	0.27542501	2.3395579	21	—	—
269484 Marcia	16.8	X	174.77732	182.16794	224.30536	4.04700	0.0521416	0.21060963	2.7978037	21	4 16.2	20.7
269485 Bisikalo	15.9	X	50.49647	347.24214	240.82022	7.33712	0.0739205	0.21925818	2.7237391	21	7 7.4	19.3
269486 2009 UW_{15}	15.6	X	332.72353	228.27587	235.13279	4.72429	0.1900720	0.17487750	3.1669904	21	—	—
269487 2009 UW_{17}	16.5	X	282.91730	327.69078	136.02471	6.85657	0.1062001	0.24591098	2.5231947	21	11 14.1	19.5
269488 2009 UJ_{18}	16.0	X	84.03223	124.61761	8.94661	4.14561	0.0545570	0.20956381	2.8071042	21	4 16.3	19.6
269489 2009 UY_{20}	16.0	X	61.22142	103.54022	12.38036	10.88070	0.1615553	0.19708403	2.9243886	21	3 10.7	19.4
269490 2009 UH_{23}	16.8	X	246.37708	252.89004	155.99197	1.81627	0.1936444	0.22805813	2.6532144	21	6 27.3	20.8
269491 2009 UR_{25}	16.4	X	260.01230	245.50014	152.40360	5.75738	0.1140354	0.22968840	2.6406449	21	7 7.9	20.1
269492 2009 UG_{30}	16.7	X	9.22991	250.32904	199.44778	0.58748	0.1402961	0.17921258	3.1157102	21	—	—
269493 2009 UF_{31}	15.2	X	15.11889	239.93095	224.25050	9.38258	0.0646670	0.18482075	3.0523586	21	—	—
269494 2009 UU_{31}	15.6	X	332.39653	268.13343	227.31609	7.95257	0.1602996	0.17897991	3.1184099	21	—	—
269495 2009 UB_{32}	16.3	X	6.99046	129.88094	313.61325	0.27355	0.1476048	0.17738937	3.1370227	21	—	—
269496 2009 UC_{35}	15.9	X	50.28749	55.83480	56.26934	4.39125	0.0716603	0.19198324	2.9759606	21	2 7.7	19.7
269497 2009 UR_{37}	16.7	X	292.29485	93.03279	207.23743	5.44856	0.0341107	0.21270625	2.7793883	21	4 23.7	20.5
269498 2009 US_{51}	17.0	X	203.64237	92.76826	358.37846	0.91063	0.0615572	0.22703249	2.6611992	21	7 17.5	20.7
269499 2009 UD_{53}	16.2	X	308.44424	340.09586	17.27863	6.97177	0.0126347	0.22975601	2.6401269	21	8 7.1	19.7
269500 2009 UT_{59}	17.4	X	174.66262	59.85791	265.04815	2.35961	0.1794822	0.27877811	2.3207602	21	1 4.2	20.9
269501 2009 UG_{72}	15.3	X	341.57200	274.47815	213.24955	11.31721	0.1018549	0.18130627	3.0916774	21	—	—
269502 2009 UZ_{72}	15.4	X	80.02196	341.21168	48.45383	14.53276	0.1537320	0.18365118	3.0653041	21	—	—
269503 2009 UX_{80}	16.7	X	249.23865	15.16796	4.89485	2.44744	0.1602459	0.22496822	2.6774535	21	5 27.1	20.6
269504 2009 UT_{88}	15.5	X	81.85964	13.82306	26.90207	9.90389	0.1015402	0.18655832	3.0333764	21	—	—
269505 2009 UA_{89}	16.9	X	309.89080	214.63630	170.06793	4.23070	0.1144260	0.23758865	2.5817781	21	9 2.3	19.9
269506 2009 UY_{89}	16.0	X	37.45493	195.04923	242.35731	3.64436	0.1127467	0.18557762	3.0440538	21	—	—
269507 2009 UU_{91}	16.7	X	20.90987	346.53791	81.64605	6.18014	0.0843432	0.26378622	2.4078789	21	—	—
269508 2009 UX_{95}	16.7	X	266.92972	295.42431	176.37577	3.46597	0.0557909	0.24801933	2.5088750	21	11 7.2	19.8
269509 2009 UQ_{98}	15.4	X	128.10577	26.31453	81.09077	3.95993	0.1929013	0.12462690	3.9694303	21	5 28.5	21.5
269510 2009 UE_{99}	16.4	X	120.64949	307.76657	76.28945	3.18769	0.0911635	0.19299111	2.9655905	21	1 24.5	20.6
269511 2009 UH_{108}	16.4	X	262.38227	62.96253	198.60191	1.33669	0.0813127	0.19619527	2.9332137	21	1 25.4	20.9
269512 2009 UL_{109}	16.3	X	2.90921	73.44705	331.75985	1.48642	0.1178244	0.16847636	3.2467093	21	12 15.5	20.3
269513 2009 UV_{109}	16.3	X	295.58002	262.87643	64.14581	6.09473	0.0460761	0.21957003	2.7211595	21	5 31.3	19.8
269514 2009 UL_{110}	16.6	X	282.27021	262.58667	46.28384	5.01864	0.0514302	0.21115334	2.7929988	21	4 20.0	20.3
269515 2009 UA_{115}	17.4	X	285.19020	355.20216	197.84904	6.84154	0.0533434	0.27480424	2.3430799	21	—	—
269516 2009 UN_{127}	15.8	X	27.24893	309.34229	140.08469	15.20710	0.1783801	0.18161827	3.0881356	21	—	—
269517 2009 UD_{129}	14.8	X	7.23061	178.62443	254.89228	16.10584	0.1778230	0.17679442	3.1440565	21	—	—
269518 2009 UQ_{132}	15.3	X	8.34352	172.25586	267.10358	16.51160	0.1825953	0.17739900	3.1369092	21	—	—
269519 2009 US_{146}	16.5	X	36.12623	177.92225	69.67480	3.78746	0.0464726	0.22332254	2.6905910	21	7 11.1	19.9
269520 2009 UC_{147}	16.9	X	96.80268	11.60755	244.58858	1.13383	0.0595885	0.23680796	2.5874493	21	10 16.2	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269521 2009 UU_{147}	16.8	X	180.90240	231.77915	27.31246	3.27634	0.1402309	0.25898619	2.4375394	21	—	—
269522 2009 UP_{152}	15.7	X	148.94527	117.89046	333.08174	7.74512	0.2805347	0.12472947	3.9672538	21	5 30.1	22.4
269523 2009 VR_{7}	15.0	X	18.19344	221.80183	242.86185	10.42165	0.0897999	0.18396130	3.0618581	21	—	—
269524 2009 VX_{16}	14.9	X	188.43503	301.28680	264.56133	7.44421	0.0771101	0.15951385	3.3672119	21	11 12.7	20.0
269525 2009 VB_{27}	15.9	X	146.63282	138.70336	313.11635	1.69188	0.2017388	0.12595460	3.9414863	21	5 26.4	22.1
269526 2009 VQ_{41}	16.5	X	280.05578	277.04173	104.33895	3.39217	0.1549602	0.22910229	2.6451467	21	7 5.9	19.7
269527 2009 VY_{42}	15.9	X	106.51582	116.44121	265.85557	4.07220	0.0669319	0.18771623	3.0208895	21	1 2.1	20.0
269528 2009 VN_{44}	15.5	X	35.81878	237.99491	71.21207	15.80267	0.1388145	0.23719728	2.5846173	21	10 25.6	18.9
269529 2009 VG_{48}	17.3	X	186.73715	47.86380	146.74779	3.63640	0.0753809	0.24397694	2.5365117	21	11 11.4	21.0
269530 2009 VF_{60}	15.2	X	339.13515	299.87074	171.09307	26.83229	0.2073335	0.17577943	3.1561479	21	—	—
269531 2009 VR_{65}	16.5	X	187.79134	6.43393	326.91278	2.86494	0.0627345	0.19452109	2.9500197	21	2 3.2	20.9
269532 2009 VU_{66}	15.2	X	255.31273	142.64522	47.17486	9.62009	0.0510698	0.17423083	3.1748219	21	—	—
269533 2009 VH_{69}	16.8	X	145.21981	216.80942	171.32925	2.18234	0.0826321	0.19691069	2.9261047	21	2 23.8	21.2
269534 2009 VA_{82}	16.9	X	307.26662	209.97890	62.72025	5.33313	0.1151590	0.29365809	2.2416858	21	3 17.5	19.5
269535 2009 VK_{82}	16.1	X	116.97870	65.38431	67.17907	5.35053	0.0441878	0.21255415	2.7807140	21	5 27.4	19.8
269536 2009 VG_{83}	15.9	X	74.80684	305.00451	261.00986	8.88192	0.1264392	0.22178254	2.7030318	21	7 20.0	19.5
269537 2009 VF_{84}	16.3	X	157.72015	48.51250	42.72643	5.29220	0.1381337	0.21173064	2.7879196	21	5 28.9	20.6
269538 2009 VZ_{85}	17.1	X	156.23131	77.69367	191.17148	1.85171	0.1406052	0.25627216	2.4547189	21	—	—
269539 2009 VD_{92}	16.1	X	67.76886	82.48391	1.01294	1.88432	0.1125447	0.18996279	2.9970249	21	1 31.2	19.8
269540 2009 VJ_{92}	15.3	X	303.92684	248.97888	230.47691	14.37238	0.1321453	0.17007980	3.2262713	21	12 14.3	19.3
269541 2009 VT_{93}	17.2	X	247.37252	42.38240	59.53877	3.08461	0.0891433	0.23723524	2.5843416	21	9 22.4	20.7
269542 2009 VK_{94}	16.2	X	213.24664	256.62571	56.70942	9.90654	0.1924606	0.19912558	2.9043660	21	2 7.9	21.2
269543 2009 VQ_{95}	15.9	X	307.07509	51.85524	154.17425	4.89327	0.1048973	0.18592349	3.0402773	21	1 8.0	20.1
269544 2009 VC_{104}	16.4	X	288.31912	143.02097	205.02927	5.51042	0.0294172	0.22264040	2.6960839	21	6 21.4	20.0
269545 2009 VN_{106}	14.9	X	118.93927	340.72320	54.94816	18.76408	0.2374683	0.19050672	2.9913175	21	3 6.3	19.8
269546 2009 VE_{108}	14.7	X	255.43558	54.26437	67.91153	15.49799	0.1174628	0.15659134	3.4089782	21	10 19.9	19.8
269547 2009 VG_{111}	16.3	X	129.71833	186.18106	183.86711	1.46174	0.1230091	0.19273479	2.9682192	21	1 21.4	20.6
269548 2009 WR	17.2	X	3.41759	181.07219	159.68974	4.93171	0.2174879	0.24405117	2.5359973	21	10 21.3	19.4
269549 2009 WS_{5}	13.5	X	22.51095	275.46579	97.29237	4.29185	0.0630606	0.08210100	5.2428862	21	11 13.7	20.1
269550 Chur	16.3	X	64.91484	161.20128	67.16033	14.28520	0.0962865	0.22148400	2.7054602	21	8 7.4	20.1
269551 2009 WU_{8}	15.7	X	271.73943	132.28645	265.96995	14.01773	0.0449269	0.22906680	2.6454199	21	7 30.5	19.4
269552 2009 WZ_{14}	16.0	X	30.11363	313.76770	132.24288	3.92799	0.0462793	0.18006793	3.1058356	21	—	—
269553 2009 WX_{15}	16.8	X	124.67014	288.23273	80.70935	4.62539	0.0574090	0.27267520	2.3552605	21	—	—
269554 2009 WD_{25}	16.3	X	150.66306	235.28193	129.42035	2.40741	0.0988035	0.19826878	2.9127273	21	2 3.4	20.7
269555 2009 WF_{27}	17.0	X	8.80250	19.60755	287.74230	1.74206	0.0711847	0.23167110	2.6255572	21	8 23.4	20.2
269556 2009 WM_{33}	15.6	X	279.99313	292.80278	240.57240	4.19155	0.1136650	0.17110323	3.2133935	21	—	—
269557 2009 WW_{33}	16.4	X	5.09674	298.51655	160.16026	1.29660	0.1582625	0.17582825	3.1555637	21	—	—
269558 2009 WM_{41}	15.7	X	4.08296	249.66801	201.88023	7.99684	0.0975937	0.17713705	3.1400010	21	—	—
269559 2009 WY_{46}	15.5	X	28.85496	246.06434	193.50180	9.33169	0.0721823	0.18176208	3.0865065	21	—	—
269560 2009 WQ_{50}	15.5	X	34.46172	229.84722	148.94839	6.13861	0.0511906	0.17078652	3.2173649	21	12 19.5	20.0
269561 2009 WK_{68}	16.5	X	242.16219	187.77984	160.29524	4.45126	0.0772538	0.21192815	2.7861871	21	4 19.3	20.5
269562 2009 WM_{68}	16.3	X	185.20411	222.53108	185.80722	5.45053	0.0522072	0.21100171	2.7943367	21	5 2.3	20.4
269563 2009 WR_{73}	16.2	X	46.06960	9.04751	109.70181	3.23991	0.0438038	0.19244930	2.9711539	21	2 7.3	20.0
269564 2009 WW_{73}	16.3	X	18.12380	325.84729	111.16806	2.23622	0.1538533	0.17651973	3.1473174	21	—	—
269565 2009 WT_{82}	16.1	X	330.30533	196.19487	291.76667	7.57159	0.0439541	0.17747979	3.1359571	21	—	—
269566 2009 WT_{85}	15.2	X	286.41889	259.24766	272.60575	12.47140	0.1438822	0.17366226	3.1817478	21	—	—
269567 Bakhtinov	16.2	X	311.49332	315.23775	49.01506	11.35345	0.1997266	0.23160293	2.6260723	21	7 27.8	19.2
269568 2009 WS_{105}	15.6	X	333.74146	10.18513	108.71608	6.58843	0.1263975	0.17375920	3.1805642	21	—	—
269569 2009 WO_{123}	16.5	X	170.32076	148.83961	205.40810	1.31017	0.0968049	0.19569682	2.9381922	21	2 11.0	21.0
269570 2009 WQ_{125}	16.8	X	148.92626	348.46138	114.64827	1.66470	0.0322853	0.21286963	2.7779659	21	5 27.8	20.5
269571 2009 WP_{161}	16.1	X	260.14787	299.63946	57.83972	12.63504	0.0786888	0.21652085	2.7466474	21	5 20.6	19.9
269572 2009 WF_{176}	16.2	X	8.12404	77.00881	3.98893	4.50023	0.1625373	0.17554611	3.1589439	21	—	—
269573 2009 WC_{179}	16.1	X	303.02784	307.55142	24.63454	5.93823	0.0313958	0.21961841	2.7207599	21	6 19.9	19.7
269574 2009 WN_{182}	15.9	X	256.72664	325.24110	49.08692	6.95189	0.0515351	0.21756898	2.7378190	21	6 10.8	19.7
269575 2009 WE_{197}	16.6	X	357.92320	159.16383	193.12106	3.99071	0.2029410	0.24204644	2.5499809	21	10 23.2	18.6
269576 2009 WT_{198}	15.4	X	158.47166	286.38534	165.95919	5.08401	0.2645125	0.12578576	3.9450126	21	6 8.6	22.0
269577 2009 WM_{199}	16.6	X	201.06243	324.25079	114.14724	6.29541	0.0398448	0.21948578	2.7218559	21	6 28.3	20.4
269578 2009 WR_{203}	16.5	X	170.94001	162.74171	211.73454	1.51061	0.1123982	0.20002164	2.8956855	21	3 8.1	20.8
269579 2009 WS_{204}	16.7	X	290.47911	356.18321	307.64824	3.37378	0.0418210	0.21168117	2.7883539	21	4 23.1	20.6
269580 2009 WL_{215}	16.0	X	266.33279	327.10409	121.97175	13.83518	0.2404457	0.22963094	2.6410854	21	9 8.6	19.7
269581 2009 WN_{217}	16.1	X	2.42084	268.09422	177.21814	5.66937	0.1494834	0.17636766	3.1491263	21	—	—
269582 2009 WX_{222}	17.0	X	289.71201	121.35368	180.62574	4.10423	0.0461750	0.21280756	2.7785061	21	4 21.4	20.7
269583 2009 WO_{230}	16.3	X	150.76047	290.44157	50.09821	3.31023	0.0999451	0.18570322	3.0426811	21	1 8.6	20.8
269584 2009 WR_{250}	15.2	X	328.32000	111.74995	82.33308	12.48899	0.0214414	0.19026203	2.9938817	21	2 2.2	19.5
269585 2009 WO_{251}	16.8	X	130.89288	229.48202	237.05946	0.87198	0.0646517	0.20853886	2.8162944	21	5 13.5	20.8
269586 2009 WJ_{254}	16.1	X	170.27683	11.28237	82.81107	5.45230	0.0339829	0.21240586	2.7820081	21	6 11.3	20.0
269587 2009 WB_{260}	15.9	X	252.62018	221.98088	75.47266	3.04076	0.1105690	0.19812849	2.9141021	21	2 25.9	20.3
269588 2009 WR_{260}	16.4	X	91.30240	89.03916	42.66857	2.45225	0.0173624	0.20474164	2.8510090	21	4 19.7	20.2
269589 Kryachko	15.4	X	307.12315	161.50970	37.53576	10.96253	0.0262977	0.18729265	3.0254424	21	1 12.4	19.8
269590 2009 XC_{4}	16.4	X	119.55682	238.76849	104.00292	2.57911	0.1681519	0.18123926	3.0924394	21	—	—
269591 2009 XO_{7}	16.2	X	317.55354	163.08972	207.40226	3.74100	0.2490291	0.23481374	2.6020784	21	8 5.6	18.5
269592 2009 XA_{13}	16.6	X	93.67379	122.77910	44.66767	3.95274	0.0703722	0.21267741	2.7796395	21	6 16.2	20.3
269593 2009 YU_{2}	14.9	X	295.79855	74.78739	115.93712	10.42918	0.0498268	0.17445733	3.1720734	21	—	—
269594 2010 AM_{36}	15.4	X	71.50510	239.91507	148.55506	9.59378	0.1158044	0.16762230	3.2577283	21	—	—
269595 2010 AZ_{79}	16.1	X	147.00739	50.91716	114.75528	5.19285	0.0630671	0.21141520	2.7906920	21	8 18.7	20.1
269596 2010 AY_{96}	15.8	X	267.04017	229.00172	141.74889	25.79072	0.1020853	0.22803835	2.6533678	21	6 17.0	20.0
269597 2010 AC_{99}	16.1	X	56.88477	304.15781	143.78515	6.61548	0.2283299	0.19140453	2.9819560	21	1 30.4	19.1
269598 2010 BF_{70}	15.3	X	349.39788	318.76942	115.49694	12.07999	0.0736354	0.17366399	3.1817266	21	12 29.7	19.5
269599 2010 BR_{80}	16.8	X	100.20368	180.14504	349.79330	3.65304	0.1167464	0.21952853	2.7215025	21	7 5.4	20.5
269600 2010 BR_{85}	15.6	X	118.68517	100.71053	298.58866	11.09255	0.0406070	0.19618215	2.9333444	21	1 31.2	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269601 2010 CX_1	16.2	X	114.15918	95.08007	132.36863	10.99475	0.0870804	0.22056933	2.7129345	21	10 5.3	20.3
269602 2010 CY_{18}	16.1	X	264.51906	168.08143	330.25660	5.26979	0.0505057	0.23365238	2.6106937	21	12 5.1	19.5
269603 2010 CH_{22}	15.4	X	268.97008	237.02562	358.87489	10.00969	0.0594844	0.17134520	3.2103675	21	1 11.4	20.2
269604 2010 CF_{32}	16.9	X	66.99828	141.79691	347.29092	6.66251	0.2304293	0.27039282	2.3684958	21	3 31.2	18.9
269605 2010 CG_{32}	15.2	X	51.67870	150.04476	352.58281	18.02234	0.1803054	0.18067049	3.0989262	21	3 27.9	18.8
269606 2010 CU_{52}	15.5	X	318.19849	98.17350	186.52081	10.72572	0.2049228	0.17577713	3.1561754	21	4 18.4	19.4
269607 2010 CG_{89}	16.9	X	3.74518	244.70584	158.91684	10.88677	0.2172930	0.24236900	2.5477179	21	—	—
269608 2010 CF_{108}	15.4	X	113.65943	346.70291	144.94928	9.82448	0.0647196	0.19144941	2.9814900	21	5 28.2	19.8
269609 2010 CH_{139}	15.7	X	36.59462	141.62346	7.78512	5.64817	0.1551294	0.17929980	3.1146997	21	3 13.0	19.2
269610 2010 CQ_{143}	15.9	X	41.57015	69.50636	117.42316	4.14774	0.0558452	0.18853871	3.0120975	21	5 1.5	19.8
269611 2010 CQ_{191}	15.7	X	150.41942	119.77456	334.26004	1.92197	0.1659529	0.12592226	3.9421611	21	5 30.2	21.9
269612 2010 CJ_{198}	15.6	X	66.38735	271.86293	152.96534	16.39998	0.1112847	0.18581298	3.0414827	21	1 5.7	19.7
269613 2010 DE_{14}	16.4	X	59.09739	131.30442	203.03794	11.61521	0.0795128	0.21345411	2.7728925	21	12 8.4	20.4
269614 2010 DU_{52}	15.7	X	159.99777	274.23248	160.68518	13.90896	0.0537836	0.17651149	3.1474153	21	5 11.9	20.6
269615 2010 DB_{76}	15.9	X	46.19309	13.44158	3.09027	8.57876	0.0873163	0.23301885	2.6154234	21	—	—
269616 2010 EO_{111}	16.8	X	357.53572	142.02425	145.39635	3.33282	0.1637088	0.28194317	2.3033591	21	7 6.5	18.3
269617 2010 JY_{122}	15.7	X	288.23451	153.65373	226.90395	14.55096	0.1303241	0.19306386	2.9648454	21	7 15.8	19.9
269618 2010 KU_{117}	16.8	X	99.05506	347.67631	188.88760	9.80604	0.2349880	0.27923675	2.3182183	21	7 26.4	20.3
269619 2010 SL_{16}	15.0	X	3.76357	319.07284	110.58148	12.98492	0.0555215	0.17628925	3.1500600	21	—	—
269620 2010 UJ_{58}	13.3	X	281.02022	210.05243	268.29840	7.89246	0.1563262	0.08169160	5.2603880	21	10 21.7	20.2
269621 2010 UX_{96}	12.6	X	282.44318	27.81062	81.20106	15.62754	0.0689117	0.08155930	5.2660750	21	11 1.2	19.6
269622 2010 VF_{38}	12.7	X	271.69891	50.31638	65.79333	17.32070	0.1616157	0.08277303	5.2144696	21	10 17.8	19.7
269623 2010 VA_{173}	13.4	X	283.15709	23.96678	84.98443	3.58828	0.0565241	0.08118772	5.2821308	21	10 29.9	20.3
269624 2010 VQ_{180}	14.8	X	227.67829	242.66242	72.99731	3.83541	0.1190125	0.12711517	3.9174591	21	3 3.5	20.8
269625 2010 XE_{51}	17.0	X	156.47924	189.43595	310.91138	4.12639	0.1265738	0.23045002	2.6348236	21	7 29.7	21.0
269626 2010 XZ_{75}	16.3	X	88.03001	271.98502	118.39862	2.71600	0.1662511	0.19984640	2.8973780	21	—	—
269627 2011 AV	15.4	X	61.15538	218.67302	117.62571	12.05885	0.0455257	0.16918605	3.2376235	21	12 2.4	20.1
269628 2011 AN_{23}	15.8	X	116.63451	321.18944	141.45672	9.79166	0.2471524	0.21248101	2.7813521	21	5 16.5	20.3
269629 2011 AD_{27}	15.5	X	14.14696	312.82876	128.25430	12.24492	0.0571334	0.18291232	3.0735533	21	—	—
269630 2011 AO_{28}	14.8	X	352.25915	299.21041	126.03132	22.61998	0.0536455	0.17378923	3.1801979	21	12 23.7	19.3
269631 2011 AG_{29}	17.6	X	223.36160	89.92192	116.91122	9.84700	0.1603586	0.35437271	1.9777097	21	—	—
269632 2011 AK_{34}	15.8	X	0.18397	216.62116	297.45694	7.27672	0.0504202	0.19332675	2.9621571	21	1 18.8	19.6
269633 2011 AJ_{44}	15.9	X	280.79312	113.16125	51.29942	0.49513	0.1309806	0.17560612	3.1582242	21	—	—
269634 2011 AE_{45}	17.9	X	22.63393	127.42923	351.45719	0.30146	0.1400598	0.28713793	2.2754939	21	—	—
269635 2011 AS_{45}	16.8	X	333.33767	287.80739	136.63342	6.50243	0.1294953	0.26224548	2.4173009	21	12 19.1	19.2
269636 2011 AU_{45}	17.0	X	357.47685	316.70790	188.07970	0.97897	0.1686198	0.19004280	2.9961837	21	—	—
269637 2011 AF_{46}	16.2	X	56.75516	37.45193	136.66318	8.80217	0.0688590	0.21246136	2.7815236	21	5 7.6	19.9
269638 2011 AM_{53}	16.3	X	72.57158	174.97455	80.16637	3.01950	0.1185119	0.23914943	2.5705328	21	9 25.2	19.7
269639 2011 AV_{59}	16.4	X	185.41096	219.52871	124.84514	7.67968	0.1082341	0.20371372	2.8605917	21	2 15.2	20.7
269640 2011 AM_{74}	14.8	X	15.99514	310.20239	122.10146	13.80056	0.0433401	0.17940840	3.1134426	21	—	—
269641 4245 P–L	17.9	X	124.98063	359.86853	344.35765	2.39307	0.2626596	0.28076110	2.3098198	21	—	—
269642 6215 P–L	17.3	X	144.64285	67.05267	341.23789	6.57413	0.1632753	0.30000503	2.2099563	21	3 15.4	20.3
269643 6765 P–L	17.7	X	106.99932	358.24618	17.00932	3.05382	0.1722578	0.28088980	2.3091142	21	—	—
269644 2642 T–3	16.1	X	137.81500	174.88986	206.13248	7.71595	0.1603900	0.18889186	3.0083421	21	2 14.7	20.9
269645 1991 VX_8	15.6	X	174.97200	261.92676	54.96818	10.17689	0.1162057	0.17525283	3.1624672	21	1 8.9	20.6
269646 1991 VR_9	16.1	X	304.56585	295.76254	53.95317	12.31942	0.2093212	0.22430492	2.6827293	21	6 17.8	19.4
269647 1992 HF_2	16.6	X	168.77791	219.31771	64.52226	7.12851	0.1186441	0.25719106	2.4488686	21	—	—
269648 1992 QE_3	16.6	X	347.36916	81.41105	262.70120	1.59512	0.2565585	0.23777678	2.5804162	21	9 13.5	18.1
269649 1993 BG_{11}	17.2	X	26.48488	4.93352	93.85517	4.26264	0.1746146	0.27771632	2.3266717	21	—	—
269650 1994 GR_4	16.9	X	239.21638	265.30964	201.44921	7.09111	0.1562255	0.23339097	2.6126427	21	9 5.6	20.7
269651 1994 GS_7	15.9	X	249.43115	220.28016	202.81761	32.18835	0.2475776	0.23037090	2.6354269	21	7 7.2	20.8
269652 1994 PE_{31}	16.0	X	20.72934	128.47013	174.28119	9.09799	0.1662670	0.21971786	2.7199388	21	9 15.9	18.8
269653 1994 RR_7	17.6	X	259.59257	102.19013	185.71582	5.31339	0.1668968	0.27836995	2.3230282	21	2 3.1	21.3
269654 1994 SS_2	16.6	X	162.87845	210.87103	231.80051	2.36090	0.0585675	0.20860563	2.8156934	21	5 19.9	20.6
269655 1995 BU_9	17.6	X	182.13561	310.86663	119.51856	4.38337	0.2455797	0.23869268	2.5738110	21	5 28.1	22.0
269656 1995 CD_5	17.0	X	343.75524	115.35849	307.09229	5.94780	0.0963089	0.25290319	2.4764706	21	12 28.9	19.7
269657 1995 FP_3	16.2	X	13.91789	150.69119	27.98629	5.46066	0.1113432	0.18941458	3.0028049	21	3 10.8	19.7
269658 1995 FQ_3	15.6	X	222.55422	162.05543	138.90828	6.24078	0.1325274	0.18472311	3.0534341	21	1 31.6	20.5
269659 1995 FK_5	16.7	X	21.53044	244.12088	40.47514	3.69665	0.1800409	0.23647090	2.5899074	21	8 27.6	19.2
269660 1995 GU_5	16.0	X	209.46054	96.45411	173.31837	8.62133	0.1043033	0.17845662	3.1245029	21	—	—
269661 1995 MJ_1	15.6	X	257.61722	137.98996	132.70763	9.40952	0.0070206	0.18101563	3.0949858	21	2 10.8	19.9
269662 1995 MR_5	15.7	X	141.92132	175.88332	195.73886	11.16974	0.0184574	0.17915477	3.1163804	21	1 24.4	20.4
269663 1995 MP_7	15.5	X	342.25672	55.76917	91.74256	17.48421	0.0822636	0.17832141	3.1260822	21	—	—
269664 1995 OB_{13}	17.4	X	27.50576	98.10278	322.39033	4.86294	0.0806087	0.27807322	2.3246805	21	—	—
269665 1995 SV_{25}	17.9	X	51.00885	146.74217	355.68261	2.81584	0.0292158	0.28658805	2.2784036	21	2 26.5	20.2
269666 1995 SU_{28}	17.0	X	76.65038	298.69860	344.23724	2.83824	0.1250869	0.23230721	2.6207621	21	11 2.5	20.6
269667 1995 SW_{38}	16.3	X	236.04070	101.47040	195.78406	13.15931	0.2606570	0.17212126	3.2007103	21	2 1.7	22.1
269668 1995 SB_{46}	18.7	X	16.17003	207.59128	161.43083	1.59103	0.1870679	0.27081920	2.3660091	21	12 24.7	21.2
269669 1995 SV_{51}	16.7	X	168.37202	115.60837	13.99773	2.40746	0.0180187	0.22064532	2.7123115	21	7 26.6	20.3
269670 1995 SM_{61}	17.2	X	85.82483	101.39737	152.74849	3.82406	0.1587530	0.22822839	2.6518946	21	10 13.3	21.0
269671 1995 SH_{78}	16.5	X	106.97622	187.61534	45.68507	3.95805	0.0422130	0.22668412	2.6639250	21	9 27.7	20.1
269672 1995 UR_{15}	16.4	X	180.62748	348.63317	80.20088	5.36719	0.0478025	0.21358158	2.7717891	21	5 22.6	20.4
269673 1995 UE_{22}	17.3	X	333.89367	359.46145	211.14786	2.72569	0.1153019	0.28538070	2.2848252	21	1 24.9	20.0
269674 1995 UH_{24}	16.9	X	9.33740	328.92697	358.02255	2.61144	0.1920646	0.22579137	2.6709422	21	10 3.4	19.3
269675 1995 UX_{56}	16.8	X	79.16527	6.18033	62.25587	7.07389	0.0853639	0.27919312	2.3184598	21	1 1.9	19.2
269676 1995 UB_{62}	17.4	X	348.37885	234.36995	255.64868	2.48027	0.0774734	0.27622591	2.3350335	21	—	—
269677 1995 UK_{65}	15.9	X	43.16874	221.97593	29.22296	14.94819	0.0721071	0.22077539	2.7112461	21	8 5.2	19.7
269678 1995 UF_{80}	16.1	X	86.20817	192.45110	24.30221	12.93920	0.1638150	0.22122760	2.7075502	21	8 31.7	20.1
269679 1995 VZ_8	17.1	X	252.27943	274.93681	59.62384	4.58734	0.2011954	0.28989625	2.2610369	21	3 27.1	20.5
269680 1995 WA_{12}	16.9	X	308.18810	108.18078	93.49080	7.38285	0.1174248	0.27829530	2.3234436	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269681 1995 WB_{12}	17.5	X	280.02280	176.47642	108.24024	5.56007	0.1053849	0.28604181	2.2813034	21	2 28.7	20.5
269682 1995 WD_{17}	17.8	X	44.17263	125.03075	300.97702	2.08034	0.1597319	0.27557880	2.3386874	21	—	—
269683 1995 WD_{33}	17.6	X	234.65951	222.67831	111.37369	3.16360	0.2572133	0.28961812	2.2624842	21	3 8.2	21.4
269684 1995 YF_{18}	15.6	X	69.97187	196.64732	82.17233	15.20937	0.2311465	0.22475199	2.6791705	21	11 8.1	19.7
269685 1996 BQ_{10}	17.3	X	333.50184	267.64764	181.04094	6.44067	0.1297186	0.26478915	2.4017949	21	—	—
269686 1996 EH_{8}	15.7	X	202.43012	183.95503	352.27886	7.74679	0.0489244	0.17992013	3.1075364	21	10 26.8	20.3
269687 1996 GR_{6}	17.0	X	258.13895	161.93122	73.85315	3.02935	0.1311678	0.26549607	2.3975296	21	—	—
269688 1996 JJ_{11}	16.8	X	261.53392	35.84722	137.27704	6.53868	0.0672267	0.25799208	2.4437971	21	—	—
269689 1996 LL_{2}	16.6	X	94.56295	201.04658	140.85035	7.12625	0.1382235	0.25546946	2.4598581	21	—	—
269690 1996 RG_{3}	18.4	X	239.63046	300.24036	158.08082	3.57530	0.6037698	0.34805250	2.0015796	21	7 22.6	22.5
269691 1996 RR_{7}	16.6	X	287.89980	25.52719	359.32030	3.29227	0.1771558	0.23268642	2.6179139	21	7 19.3	19.8
269692 1996 TN_{16}	15.9	X	102.22042	106.35980	267.32403	5.77880	0.1461259	0.17204538	3.2016514	21	—	—
269693 1996 TY_{30}	17.6	X	236.87020	123.93789	191.05110	23.39642	0.1169369	0.37896094	1.8912100	21	1 29.6	20.6
269694 1996 UF_{3}	17.2	X	4.74745	79.12962	23.43647	21.13363	0.0684352	0.36775656	1.9294303	21	—	—
269695 1996 VW_{1}	17.6	X	207.99775	350.58195	31.74453	6.70612	0.1846009	0.30193248	2.2005411	21	4 15.3	21.1
269696 1997 GE_{10}	16.5	X	55.04301	34.91948	178.75349	5.46477	0.1750085	0.21102091	2.7941672	21	7 10.1	19.9
269697 1997 HS_{9}	17.5	X	281.87330	222.96840	47.20645	6.92330	0.1570375	0.28062606	2.3105607	21	2 7.7	20.9
269698 1997 MV_{9}	15.9	X	187.36136	147.07443	217.36676	10.50769	0.1633975	0.19085356	2.9876924	21	3 11.8	21.0
269699 1997 NO_{2}	16.9	X	294.53402	335.66532	204.64378	9.34930	0.1703765	0.26738116	2.3862476	21	—	—
269700 1997 PZ_{3}	15.9	X	221.50090	168.60110	172.29827	10.30109	0.1065641	0.19145331	2.9814496	21	3 18.9	20.4
269701 1997 TA_{11}	15.7	X	277.22990	128.49814	176.52841	9.98500	0.1039664	0.19332001	2.9622259	21	4 3.9	20.0
269702 1997 TP_{21}	17.4	X	178.81931	274.08552	22.81184	1.60544	0.2045754	0.26188613	2.4195117	21	—	—
269703 1997 UR_{7}	16.6	X	146.09693	315.37537	39.83761	9.87695	0.2511669	0.26327800	2.4109766	21	1 27.1	20.4
269704 1997 UR_{17}	15.4	X	226.24663	252.52725	60.45020	11.00748	0.0691354	0.18272538	3.0756492	21	2 26.0	20.2
269705 1997 UR_{24}	15.6	X	206.63619	355.12691	353.72042	10.14391	0.1069452	0.18932749	3.0037256	21	3 13.8	20.3
269706 1997 WX_{7}	15.8	X	136.79256	89.05483	246.31473	8.10162	0.2648207	0.25912280	2.4366826	21	—	—
269707 1998 BB_{22}	16.3	X	234.44990	162.13209	300.99761	11.91308	0.1194141	0.23586654	2.5943296	21	8 28.5	20.2
269708 1998 DO_{12}	16.3	X	194.40320	354.80852	145.58964	6.49949	0.1626339	0.23334869	2.6129583	21	9 4.9	20.3
269709 1998 DF_{23}	16.9	X	137.54281	117.33346	139.51762	3.75368	0.1676838	0.23822944	2.5771464	21	12 5.3	21.1
269710 1998 FM_{2}	15.8	X	132.59183	235.96342	0.87943	31.22013	0.2563210	0.23114383	2.6295484	21	10 24.6	20.9
269711 1998 FM_{6}	16.9	X	98.23839	238.68808	15.23893	13.78533	0.1395760	0.22959351	2.6413724	21	10 20.9	20.9
269712 1998 FZ_{120}	16.3	X	169.41213	159.59023	8.07584	11.69112	0.1157746	0.23016757	2.6369787	21	9 17.5	20.3
269713 1998 HU_{42}	16.6	X	166.23883	333.85032	170.90648	7.50079	0.1523689	0.22906629	2.6454239	21	8 12.9	21.0
269714 1998 HG_{142}	16.3	X	75.83327	65.62458	216.98838	10.41706	0.2663808	0.22691586	2.6621110	21	11 18.1	20.5
269715 1998 KN_{40}	16.8	X	257.77871	156.30524	97.36309	6.96954	0.1852900	0.28702388	2.2760966	21	—	—
269716 1998 MM_{16}	17.7	X	54.22886	245.40695	108.28209	4.56993	0.2573167	0.26784729	2.3834784	21	—	—
269717 1998 QO	16.4	X	36.03691	15.25471	319.05324	12.97895	0.2943508	0.26296438	2.4128932	21	12 20.7	19.8
269718 1998 QG_{3}	16.7	X	126.00213	358.55062	314.60613	12.68529	0.2270150	0.27226207	2.3576425	21	—	—
269719 1998 QH_{56}	17.7	X	215.88008	266.15408	176.42890	32.22567	0.0308054	0.51035481	1.5507957	21	7 30.4	19.6
269720 1998 QK_{58}	17.5	X	65.09877	53.63703	352.19824	1.88895	0.1792895	0.27135443	2.3628969	21	—	—
269721 1998 QE_{96}	16.4	X	206.46549	115.32456	225.52288	5.46502	0.1313181	0.28346674	2.2950984	21	2 18.1	19.9
269722 1998 RY_{4}	16.2	X	244.47616	308.34614	357.80314	24.20772	0.2397480	0.28418465	2.2912315	21	2 19.0	20.3
269723 1998 RU_{9}	17.8	X	317.89644	239.99681	350.77945	2.43249	0.1215788	0.28423704	2.2909499	21	1 31.2	20.5
269724 1998 RP_{23}	16.1	X	329.34861	345.15342	338.39830	8.82944	0.2754862	0.21132245	2.7915086	21	6 15.7	18.9
269725 1998 RQ_{43}	17.3	X	177.94962	14.74560	323.56986	2.70881	0.2607572	0.27967276	2.3158083	21	1 29.9	21.0
269726 1998 RQ_{65}	14.8	X	326.77100	131.08584	215.92827	1.76814	0.3613476	0.12470554	3.9677615	21	6 30.9	19.0
269727 1998 SL_{3}	16.1	X	286.57429	283.62818	57.25551	6.81932	0.0722965	0.20530526	2.8457888	21	6 2.9	20.0
269728 1998 SM_{29}	16.9	X	236.59235	272.33566	35.89840	4.79534	0.1585102	0.28245001	2.3006028	21	2 10.3	20.5
269729 1998 SH_{40}	16.6	X	169.52471	42.05594	347.75426	1.59426	0.0355675	0.19702504	2.9249724	21	3 21.0	20.7
269730 1998 SQ_{60}	16.8	X	189.19940	303.43115	29.52097	5.31516	0.2002529	0.27982709	2.3149567	21	1 30.9	20.5
269731 1998 SG_{63}	17.0	X	133.89112	304.86971	81.54384	4.31547	0.1841205	0.27800776	2.3250454	21	2 10.4	20.0
269732 1998 SG_{86}	17.5	X	69.94103	167.69835	191.97906	1.84860	0.2326130	0.26780907	2.3837051	21	—	—
269733 1998 SW_{93}	16.9	X	214.45789	178.67756	171.89512	6.17179	0.1366474	0.28434640	2.2903625	21	3 12.7	20.3
269734 1998 SP_{110}	16.6	X	159.78016	171.12300	210.08762	6.99380	0.1227489	0.27976873	2.3152787	21	2 21.1	19.9
269735 1998 SS_{124}	16.5	X	202.65903	149.27900	181.40286	6.95153	0.1244137	0.27997506	2.3141410	21	2 2.5	20.1
269736 1998 SH_{162}	17.4	X	188.47821	47.43395	305.51291	1.12017	0.2326853	0.28067951	2.3102673	21	2 22.9	21.3
269737 1998 SR_{165}	16.8	X	61.30940	53.72338	335.31544	5.46032	0.1827219	0.26934458	2.3746369	21	—	—
269738 1998 TF_{10}	16.2	X	163.11369	330.66103	42.21735	3.93838	0.1007589	0.19136146	2.9824035	21	2 28.9	20.7
269739 1998 TB_{11}	17.3	X	4.87682	7.08675	46.04960	3.98932	0.2528834	0.26202933	2.4186301	21	—	—
269740 1998 TF_{36}	15.1	X	124.11794	169.51585	215.40443	11.08009	0.1086397	0.18781409	3.0198400	21	1 28.8	19.6
269741 1998 UY_{8}	17.4	X	153.85437	51.69262	311.42226	1.38838	0.2196497	0.27663792	2.3327144	21	2 4.9	20.9
269742 Kroónorbert	17.2	X	188.29438	51.12135	284.67322	4.58596	0.1757059	0.27911516	2.3188915	21	1 29.6	20.7
269743 1998 VX_{42}	16.1	X	84.17512	280.96249	62.55554	1.41044	0.2232784	0.17900915	3.1180703	21	—	—
269744 1998 WB_{5}	16.5	X	92.68729	200.06558	210.39612	24.31945	0.2082240	0.27205733	2.3588252	21	1 11.8	19.5
269745 1998 WU_{8}	16.1	X	193.16582	248.66123	112.93960	8.37581	0.2875692	0.28085545	2.3093024	21	3 14.3	20.3
269746 1998 WW_{25}	17.7	X	320.36107	45.52319	53.17358	1.98137	0.1421477	0.26158075	2.4213944	21	—	—
269747 1998 WL_{29}	16.5	X	345.45433	9.34928	51.26359	1.32876	0.1473188	0.17414641	3.1758479	21	12 10.4	20.2
269748 1998 WO_{40}	16.5	X	51.08611	200.40011	236.04553	7.85743	0.2357860	0.18287337	3.0739897	21	1 5.5	19.7
269749 1998 XT_{5}	15.3	X	269.56549	35.98341	69.28001	10.71817	0.1223158	0.16887984	3.2415360	21	10 15.6	19.9
269750 1998 XA_{23}	16.7	X	140.75932	126.49760	242.51588	2.73969	0.2054234	0.27423769	2.3463058	21	1 27.7	19.8
269751 1999 AC_{32}	17.4	X	344.15089	299.35679	102.72445	2.29303	0.1780860	0.25416052	2.4682965	21	12 8.7	19.6
269752 1999 BW_{31}	16.0	X	347.53353	153.69589	321.25179	3.34082	0.1006210	0.17382576	3.1797523	21	—	—
269753 1999 RS_{73}	15.8	X	62.28986	302.12623	338.22077	10.80026	0.1633499	0.22728289	2.6592442	21	10 13.9	19.5
269754 1999 RW_{104}	16.1	X	9.39058	58.71758	282.24744	5.08444	0.2732189	0.22688192	2.6623764	21	11 4.3	18.6
269755 1999 RH_{147}	15.9	X	120.37251	348.70899	281.96419	7.28862	0.2217839	0.23495314	2.6010491	21	12 7.5	20.4
269756 1999 RM_{169}	16.5	X	344.04731	30.84287	311.85667	4.40471	0.2230380	0.22339168	2.6900358	21	8 29.6	18.7
269757 1999 RR_{189}	15.7	X	218.34521	10.04189	3.29228	15.76457	0.1559522	0.21041297	2.7995466	21	4 15.8	20.4
269758 1999 RJ_{220}	18.0	X	189.89454	121.82906	214.24260	4.69306	0.2178839	0.29374471	2.2412450	21	1 30.9	21.6
269759 1999 RJ_{239}	15.7	X	85.61649	265.83107	26.31330	13.07508	0.2636435	0.23139626	2.6276357	21	12 5.0	20.2
269760 1999 SS_{5}	16.3	X	60.76797	28.23718	11.35804	23.91674	0.2125518	0.28261707	2.2996961	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269761 1999 SN_{21}	16.4	X	214.79779	27.48430	9.24499	4.22872	0.1118001	0.20998257	2.8033708	21	5 16.6	20.7
269762 Nocentini	17.0	X	267.31429	309.28224	21.44656	8.17634	0.1954066	0.30183127	2.2010331	21	4 3.7	20.2
269763 1999 TD_{32}	15.9	X	241.64940	161.13313	207.34936	7.80222	0.2052149	0.21112337	2.7932631	21	5 2.9	20.5
269764 1999 TZ_{38}	16.0	X	209.30006	201.24775	218.90393	16.06204	0.2244980	0.21188954	2.7865256	21	6 6.0	20.9
269765 1999 TL_{46}	16.4	X	221.23700	7.77169	33.19393	4.66148	0.0751800	0.21250207	2.7811683	21	5 31.4	20.5
269766 1999 TW_{58}	15.3	X	161.43268	345.26032	216.62815	14.68189	0.1797322	0.17542095	3.1604463	21	10 13.6	20.5
269767 1999 TK_{59}	16.0	X	241.46576	200.91161	189.17404	13.26663	0.1758673	0.21461678	2.7628689	21	6 1.6	20.5
269768 1999 TM_{61}	16.8	X	266.18037	51.46306	334.33369	2.62791	0.0511638	0.21751191	2.7382979	21	7 9.8	20.5
269769 1999 TP_{62}	16.1	X	11.95562	297.18674	30.77257	8.35888	0.1818583	0.22222181	2.6994685	21	10 9.9	18.9
269770 1999 TV_{66}	17.7	X	87.89565	150.38145	230.81614	2.01539	0.2193371	0.28299380	2.2976548	21	—	—
269771 1999 TW_{71}	16.7	X	179.23184	63.68239	26.02363	1.71915	0.0252523	0.21158469	2.7892015	21	6 16.4	20.5
269772 1999 TJ_{76}	16.6	X	311.27391	288.29356	30.31096	4.00631	0.0905945	0.21222874	2.7835557	21	6 4.7	20.2
269773 1999 TL_{87}	16.5	X	133.38572	359.14933	110.15069	3.14973	0.0454744	0.20587903	2.8404990	21	5 18.8	20.4
269774 1999 TE_{103}	16.3	X	142.19049	253.21093	149.85776	11.34889	0.3842781	0.20017729	2.8941843	21	4 7.7	21.7
269775 1999 TJ_{111}	16.1	X	345.44036	128.73199	231.90634	7.21366	0.2300460	0.22412338	2.6841778	21	9 30.1	18.4
269776 1999 TT_{113}	17.8	X	268.45039	29.10310	327.07353	2.75486	0.2122482	0.30465925	2.1873912	21	5 5.4	21.0
269777 1999 TO_{132}	17.5	X	35.54951	317.07780	349.37608	3.76995	0.2052293	0.27080569	2.3660878	21	10 29.4	20.2
269778 1999 TE_{135}	16.4	X	13.46470	303.87124	11.80757	13.33563	0.1584001	0.22237033	2.6982664	21	9 22.9	19.3
269779 1999 TK_{140}	17.7	X	130.88357	28.19971	318.90800	0.88213	0.2514231	0.28551889	2.2840879	21	—	—
269780 1999 TF_{145}	17.5	X	31.21941	318.35616	353.89982	3.11317	0.2700526	0.31677452	2.1312573	21	11 20.1	19.9
269781 1999 TN_{145}	15.6	X	37.48448	287.63963	18.14501	12.40554	0.1792068	0.22550424	2.6732090	21	10 19.6	18.9
269782 1999 TV_{153}	17.5	X	181.23383	339.70761	42.70596	8.05200	0.2123613	0.29527014	2.2335192	21	3 26.6	21.1
269783 1999 TT_{182}	16.9	X	97.72699	245.62502	207.27937	21.98039	0.2376615	0.28944688	2.2633765	21	3 28.7	19.5
269784 1999 TZ_{210}	15.8	X	233.64078	14.25753	349.71832	13.55889	0.2982708	0.21235260	2.7824732	21	4 10.5	20.9
269785 1999 TZ_{211}	16.3	X	113.98680	94.59513	213.66834	26.67968	0.3339620	0.23556352	2.5965540	21	—	—
269786 1999 TV_{229}	16.9	X	311.64130	151.37244	193.81856	5.72811	0.0819635	0.21866110	2.7286952	21	7 12.8	20.4
269787 1999 TK_{237}	16.3	X	270.08967	324.74301	41.41539	4.63167	0.1158264	0.21478818	2.7613988	21	6 8.1	20.1
269788 1999 TE_{258}	15.3	X	4.65395	268.40652	39.32631	14.00328	0.1525994	0.21983623	2.7189625	21	8 30.4	18.4
269789 1999 TX_{260}	15.8	X	23.33963	273.17812	34.29752	16.32623	0.2041654	0.22163766	2.7042095	21	10 8.4	18.8
269790 1999 TV_{268}	15.4	X	354.84125	124.40568	255.76220	9.87478	0.1173649	0.18128709	3.0918954	21	11 2.4	19.2
269791 1999 TF_{313}	16.9	X	285.81485	150.37830	214.75824	1.08946	0.1000561	0.21777404	2.7361001	21	6 30.4	20.5
269792 1999 TW_{314}	15.9	X	35.08767	267.66842	72.54903	12.39329	0.2597406	0.22670747	2.6637420	21	12 13.7	19.3
269793 1999 TV_{332}	16.4	X	98.29553	165.03870	2.46202	3.93522	0.0396019	0.21125370	2.7921141	21	6 17.8	20.2
269794 1999 UE_{12}	17.4	X	109.73839	60.62513	37.83470	6.91360	0.1470090	0.29423734	2.2387428	21	4 10.9	19.9
269795 1999 UL_{21}	15.8	X	111.95680	287.20643	213.06425	16.67643	0.0772678	0.20868600	2.8149705	21	6 5.1	20.0
269796 1999 UN_{32}	16.0	X	185.62365	286.21363	45.35856	5.23661	0.1684214	0.19900694	2.9055203	21	2 4.4	20.9
269797 1999 UR_{37}	15.9	X	134.58403	321.82014	186.58187	11.75541	0.0797370	0.21419323	2.7665099	21	7 11.3	20.2
269798 1999 UR_{47}	15.8	X	165.83385	159.76229	240.47529	7.73268	0.3313739	0.20411876	2.8568061	21	4 11.6	21.1
269799 1999 VZ_{12}	16.5	X	94.74707	39.58379	14.39154	25.32578	0.1857622	0.28563095	2.2834905	21	2 2.7	19.5
269800 1999 VY_{16}	15.7	X	127.28828	122.22981	23.80176	13.17875	0.0513497	0.21169184	2.7882602	21	6 28.5	19.9
269801 1999 VC_{42}	16.6	X	327.69013	71.59884	262.13322	3.51028	0.1164127	0.21716520	2.7412116	21	7 19.4	19.7
269802 1999 VV_{58}	17.4	X	42.20788	178.65537	225.19116	4.03668	0.2326920	0.27799299	2.3251278	21	—	—
269803 1999 VJ_{82}	16.1	X	224.08580	356.62645	34.60876	10.79965	0.2198204	0.21076597	2.7964199	21	5 12.7	20.9
269804 1999 VJ_{84}	16.8	X	14.23831	44.11079	234.73838	2.33292	0.0551284	0.21404337	2.7678010	21	7 20.9	20.2
269805 1999 VK_{88}	17.1	X	35.45089	265.48640	228.72795	20.17753	0.0414065	0.37883332	1.8916347	21	—	—
269806 1999 VM_{95}	15.3	X	92.14297	81.40590	210.38271	27.67790	0.3698321	0.23196342	2.6233508	21	12 16.0	20.5
269807 1999 VN_{96}	17.3	X	342.39505	149.64615	200.21768	1.24783	0.2557634	0.26703156	2.3883299	21	9 15.7	18.2
269808 1999 VZ_{102}	17.5	X	70.38810	23.15735	52.34590	4.05303	0.1550953	0.28458816	2.2890652	21	—	—
269809 1999 VK_{104}	17.2	X	131.75425	185.59870	234.72336	7.18114	0.0817512	0.29067733	2.2569847	21	3 3.3	20.1
269810 1999 VZ_{108}	15.7	X	187.14970	4.23062	57.68654	10.17961	0.1223459	0.20630586	2.8365798	21	5 21.3	20.1
269811 1999 VN_{115}	16.3	X	300.15204	216.94490	80.99491	3.02560	0.0606632	0.20652634	2.8345606	21	4 28.5	20.0
269812 1999 VW_{132}	17.2	X	66.16497	105.37029	210.21232	4.33273	0.2997487	0.23225446	2.6211589	21	12 21.9	21.5
269813 1999 VF_{133}	15.8	X	127.22838	19.54016	219.70001	10.15960	0.0695133	0.17915692	3.1163555	21	10 23.3	20.3
269814 1999 VV_{143}	15.6	X	261.69706	334.60188	28.87838	8.45146	0.1519509	0.21157179	2.7893148	21	5 19.8	19.8
269815 1999 VL_{150}	17.5	X	114.70702	203.27380	222.67357	6.00097	0.0901943	0.28885553	2.2664645	21	2 18.0	20.2
269816 1999 VS_{180}	15.5	X	80.78761	263.04584	53.53397	28.81032	0.3558303	0.23283822	2.6167759	21	—	—
269817 1999 VZ_{193}	16.9	X	111.14537	83.85339	279.19244	3.81578	0.2418207	0.28316475	2.2967299	21	—	—
269818 1999 VX_{211}	17.3	X	39.00833	0.34787	62.78557	2.69954	0.2114374	0.18871948	3.0101737	21	—	—
269819 1999 VN_{213}	15.9	X	358.27372	330.89030	107.58774	7.66034	0.3299490	0.18489753	3.0515136	21	—	—
269820 1999 WQ_{18}	16.1	X	239.36275	330.33552	51.90685	6.21645	0.0916950	0.21006110	2.8026721	21	5 26.7	20.1
269821 1999 XA_{6}	16.5	X	212.21537	235.06776	247.08970	21.75881	0.2879824	0.25870523	2.4393039	21	8 11.6	21.3
269822 1999 XO_{251}	16.3	X	293.93907	290.65552	72.26252	12.81519	0.1771387	0.21450125	2.7638608	21	6 26.2	19.8
269823 1999 XW_{254}	15.6	X	23.83261	317.05619	100.49757	8.47776	0.1435637	0.18175702	3.0865638	21	—	—
269824 2000 AY_{43}	16.0	X	6.91417	8.84368	109.94755	13.22357	0.1847554	0.18520701	3.0481133	21	—	—
269825 2000 AZ_{44}	15.7	X	53.42198	60.51469	310.94307	6.88461	0.0718506	0.17817805	3.1277587	21	—	—
269826 2000 AN_{94}	15.0	X	246.84816	76.11000	86.42402	7.48018	0.1853133	0.17496305	3.1659580	21	11 15.8	19.6
269827 2000 AU_{158}	17.1	X	22.77676	171.19449	301.47303	5.32562	0.1829590	0.27835403	2.3231168	21	—	—
269828 2000 AR_{207}	15.9	X	265.89930	59.99221	146.15141	10.93973	0.1651900	0.17749842	3.1357377	21	—	—
269829 2000 AM_{209}	15.6	X	277.16338	329.53296	245.95696	9.94778	0.0649663	0.19115805	2.9845188	21	—	—
269830 2000 AA_{249}	15.9	X	250.41180	273.12542	90.35704	13.48170	0.1205968	0.20663413	2.8335748	21	5 16.3	20.2
269831 2000 AQ_{253}	16.9	X	35.54392	157.45754	293.30225	2.37385	0.1288757	0.18591324	3.0403891	21	—	—
269832 2000 BK_{6}	17.0	X	103.64824	310.88336	98.12495	24.71171	0.1099283	0.37290855	1.9116182	21	—	—
269833 2000 BN_{12}	17.1	X	118.17976	177.27014	133.51570	6.59025	0.1590728	0.26674338	2.3900498	21	—	—
269834 2000 BG_{13}	17.6	X	312.17487	173.95765	298.03597	1.82880	0.1509198	0.26827069	2.3809698	21	—	—
269835 2000 BG_{22}	17.6	X	323.83798	323.32449	125.09903	2.87310	0.1486940	0.26681094	2.3896463	21	—	—
269836 2000 BG_{29}	15.2	X	357.49160	155.91177	314.77052	14.26871	0.0889536	0.18236205	3.0797330	21	—	—
269837 2000 BP_{37}	17.3	X	66.24444	124.83047	304.78929	3.68313	0.1242542	0.27886012	2.3203052	21	—	—
269838 2000 CY_{20}	17.3	X	309.85917	289.75134	189.25103	2.05499	0.1456278	0.26844506	2.3799387	21	—	—
269839 2000 CR_{23}	15.2	X	86.13630	268.64538	148.62973	15.50738	0.0668525	0.18576515	3.0420048	21	1 18.4	19.4
269840 2000 CA_{43}	16.5	X	294.75088	261.24612	296.46224	8.70823	0.1547414	0.27360674	2.3499116	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269841 2000 CS_{54}	15.1	X	349.24378	355.77983	165.88974	19.58795	0.1331142	0.18289580	3.0737383	21	1 6.0	19.3
269842 2000 CU_{69}	17.1	X	115.95903	90.00648	313.38486	4.29973	0.1863507	0.28193397	2.3034093	21	2 8.0	19.6
269843 2000 CD_{118}	15.3	X	92.93595	305.72339	128.59951	11.68283	0.0884293	0.19026047	2.9938981	21	2 21.7	19.3
269844 2000 CH_{130}	17.1	X	278.80341	111.98130	146.19686	7.19142	0.0222413	0.28066705	2.3103358	21	1 30.9	19.9
269845 2000 CL_{141}	15.4	X	230.81727	283.36119	314.01035	8.22925	0.0717702	0.18026303	3.1035942	21	—	—
269846 2000 DQ_{9}	18.3	X	320.10671	17.15375	157.38875	0.25827	0.1549032	0.27409439	2.3471235	21	—	—
269847 2000 DU_{21}	15.5	X	267.01685	21.26877	156.71167	15.70425	0.2169578	0.17531295	3.1617440	21	12 23.2	19.9
269848 2000 DE_{34}	15.6	X	319.79177	292.03145	156.77366	16.28097	0.2761677	0.17568300	3.1573027	21	11 27.6	18.9
269849 2000 DY_{38}	17.2	X	5.33767	249.29212	230.45179	1.32105	0.1501281	0.27428066	2.3460608	21	—	—
269850 2000 DM_{53}	16.6	X	260.03933	204.02658	319.80480	6.35390	0.0553031	0.26475959	2.4019737	21	—	—
269851 2000 DV_{58}	17.1	X	282.17968	348.17422	176.26266	3.01007	0.1307627	0.26742291	2.3859993	21	—	—
269852 2000 DK_{61}	17.6	X	23.66187	115.62706	350.36208	2.99295	0.1896283	0.27505227	2.3416711	21	—	—
269853 2000 DB_{67}	17.5	X	336.91133	262.54881	177.79839	4.69301	0.2639216	0.26737916	2.3862596	21	—	—
269854 2000 DF_{97}	16.8	X	55.29887	321.60484	154.31091	5.86268	0.0454027	0.27997568	2.3141376	21	1 27.3	19.2
269855 2000 DK_{108}	17.4	X	232.23088	133.31338	152.05344	23.31131	0.0549151	0.37009273	1.9213022	21	—	—
269856 2000 DT_{108}	15.4	X	329.29475	323.61763	127.25053	13.46338	0.2318779	0.17691932	3.1425767	21	12 22.7	18.6
269857 2000 DD_{115}	16.0	X	69.29714	258.37441	146.16131	10.99866	0.2831588	0.18504420	3.0499009	21	1 6.3	19.3
269858 2000 EB_{4}	17.2	X	1.12022	5.45153	101.67764	3.25182	0.1631783	0.27242681	2.3566920	21	—	—
269859 2000 EQ_{4}	17.9	X	0.29993	146.27083	334.93580	0.97662	0.1361797	0.27418367	2.3466140	21	—	—
269860 2000 EM_{5}	15.5	X	219.13779	109.57404	160.51881	8.91823	0.1223181	0.17848187	3.1242083	21	—	—
269861 2000 EJ_{6}	15.7	X	41.73703	73.96052	3.95911	13.23744	0.0759219	0.17802336	3.1295704	21	—	—
269862 2000 EN_{15}	17.0	X	156.14928	205.84402	143.00134	23.72114	0.0706066	0.36756142	1.9301131	21	—	—
269863 2000 ER_{22}	16.0	X	270.13818	144.37479	147.33302	10.56297	0.0620019	0.19144039	2.9815837	21	3 16.6	20.4
269864 2000 EY_{22}	16.6	X	314.32648	62.84279	171.19518	7.49710	0.0981279	0.18609945	3.0383607	21	2 20.2	20.8
269865 2000 ER_{52}	18.0	X	286.11692	6.66633	170.54648	1.33460	0.1258345	0.26873966	2.3781991	21	—	—
269866 2000 EY_{59}	16.5	X	8.16441	141.67152	0.97217	1.48419	0.2660227	0.18348395	3.0671664	21	—	—
269867 2000 ES_{65}	17.3	X	324.17162	290.54013	178.27144	23.02358	0.0929592	0.35762999	1.9656828	21	—	—
269868 2000 EM_{90}	15.8	X	353.31904	334.56948	195.83358	12.57134	0.2594829	0.18388100	3.0627495	21	1 4.9	19.6
269869 2000 ER_{135}	15.5	X	310.43468	171.40453	14.42202	21.09312	0.2171833	0.17870390	3.1216200	21	—	—
269870 2000 EN_{171}	15.4	X	21.56218	90.81710	30.20477	13.85500	0.2765367	0.18449470	3.0559538	21	—	—
269871 2000 EC_{189}	15.6	X	30.56245	295.20575	157.88571	17.14161	0.0709983	0.18047489	3.1011649	21	—	—
269872 2000 EB_{196}	17.6	X	263.99776	209.22553	15.18546	2.72194	0.1737572	0.26981445	2.3718793	21	—	—
269873 2000 EJ_{196}	15.4	X	2.71188	161.44671	359.64633	12.07179	0.0286694	0.18376090	3.0640838	21	2 7.6	19.7
269874 2000 EJ_{207}	16.5	X	342.45579	22.90596	177.20339	21.07691	0.1909472	0.27834196	2.3231839	21	1 11.1	19.7
269875 2000 FK_{2}	15.5	X	282.29077	47.57335	193.24594	22.74819	0.1857559	0.17900333	3.1181378	21	1 10.9	20.8
269876 2000 FW_{57}	15.2	X	251.39133	61.92579	174.26022	26.58053	0.1558258	0.17596254	3.1539579	21	—	—
269877 2000 FV_{73}	14.9	X	299.50369	16.20626	146.74683	23.88136	0.1457372	0.17624207	3.1506221	21	—	—
269878 2000 GK_{4}	16.6	X	318.60695	99.07513	41.76151	21.99577	0.2685081	0.26935229	2.3745916	21	—	—
269879 2000 GP_{11}	15.6	X	268.57632	84.37398	180.87450	13.51192	0.1681477	0.18134076	3.0912854	21	1 28.3	20.6
269880 2000 GK_{13}	15.2	X	271.62841	259.32718	3.22694	10.50097	0.0481079	0.18274158	3.0754674	21	2 15.4	19.7
269881 2000 GF_{15}	16.7	X	206.04363	248.89133	36.57333	5.34738	0.3123897	0.26574875	2.3960096	21	—	—
269882 2000 GM_{21}	15.3	X	157.58812	310.30276	13.78980	8.64902	0.0707482	0.17503396	3.1651029	21	—	—
269883 2000 GP_{26}	17.2	X	283.55795	160.72827	40.45728	2.00650	0.1322675	0.26893691	2.3770361	21	—	—
269884 2000 GH_{27}	17.0	X	311.11447	177.11322	31.79879	5.09933	0.1762888	0.27302192	2.3532661	21	—	—
269885 2000 GG_{34}	17.5	X	219.14352	217.71602	24.37798	1.66029	0.1351057	0.26448769	2.4036196	21	—	—
269886 2000 GT_{35}	17.4	X	274.14850	258.79806	309.56878	0.83781	0.1324947	0.26808779	2.3820527	21	—	—
269887 2000 GV_{36}	16.0	X	282.08336	223.95023	15.61829	4.98385	0.1003763	0.18005129	3.1060270	21	1 23.1	20.6
269888 2000 GX_{38}	17.1	X	241.36587	42.87541	191.69910	4.71677	0.1790558	0.26617463	2.3934532	21	—	—
269889 2000 GU_{43}	17.0	X	212.93537	237.37867	28.73661	3.27784	0.1612405	0.26570854	2.3962514	21	—	—
269890 2000 GA_{48}	16.1	X	277.78813	176.12113	41.27545	0.95396	0.1372278	0.17612758	3.1519874	21	—	—
269891 2000 GJ_{52}	15.4	X	359.40445	306.77727	203.43463	15.28781	0.0646937	0.17919380	3.1159278	21	1 12.1	19.9
269892 2000 GZ_{69}	15.2	X	286.74975	13.84230	212.40597	18.73430	0.1029162	0.17752050	3.1354776	21	1 7.7	20.2
269893 2000 GO_{77}	17.1	X	293.13919	178.67298	33.80766	8.42969	0.1247351	0.27029587	2.3690621	21	—	—
269894 2000 GQ_{77}	15.3	X	324.22958	346.47124	206.23737	16.25223	0.1472758	0.17930204	3.1146738	21	1 6.3	19.8
269895 2000 GX_{115}	17.1	X	288.70960	110.51311	99.30133	2.18544	0.2387264	0.27002781	2.3706297	21	—	—
269896 2000 GA_{119}	17.5	X	229.74125	334.33092	295.64114	0.70553	0.1595061	0.27014984	2.3699158	21	—	—
269897 2000 GH_{119}	15.9	X	78.72759	252.93045	187.84227	11.11421	0.0237135	0.18147611	3.0897482	21	1 31.5	20.4
269898 2000 GD_{129}	17.0	X	128.44386	186.42629	192.65587	6.17109	0.1208851	0.27208466	2.3586673	21	1 13.8	20.0
269899 2000 GM_{129}	17.8	X	208.69250	300.81332	11.77069	1.42635	0.1958557	0.27133061	2.3630352	21	1 22.2	21.6
269900 2000 GB_{131}	17.5	X	340.97447	248.35874	223.50178	1.97485	0.1850950	0.26680740	2.3896675	21	—	—
269901 2000 HP	15.8	X	298.72545	309.49619	200.42291	13.07236	0.1632579	0.17240758	3.1971657	21	—	—
269902 2000 HU_{3}	17.3	X	187.73182	251.37543	66.44738	0.70453	0.3185519	0.26662394	2.3907635	21	1 17.4	21.4
269903 2000 HQ_{15}	15.3	X	333.56775	129.51526	36.28067	27.92573	0.1401679	0.17920540	3.1157934	21	—	—
269904 2000 HW_{17}	17.3	X	221.25118	20.17470	232.08096	1.60170	0.1298905	0.26445367	2.4038258	21	—	—
269905 2000 HA_{18}	17.8	X	247.75989	165.41600	29.88552	1.43557	0.1414651	0.26235371	2.4166360	21	—	—
269906 2000 HV_{18}	15.6	X	62.87383	63.77516	47.33059	10.41581	0.0533485	0.18202199	3.0835677	21	2 27.9	19.9
269907 2000 HC_{19}	17.3	X	236.47946	201.70609	27.08340	2.28633	0.1314093	0.26412135	2.4058417	21	—	—
269908 2000 HW_{37}	14.9	X	283.66912	204.01736	57.72630	25.60848	0.2322946	0.17901285	3.1180273	21	2 13.2	20.2
269909 2000 HX_{43}	15.8	X	331.70037	104.57604	100.75781	9.11791	0.1871865	0.17995371	3.1071497	21	1 29.7	19.8
269910 2000 HY_{43}	15.5	X	330.58165	90.29583	78.44423	13.40175	0.2262886	0.17715702	3.1397650	21	—	—
269911 2000 HF_{49}	15.0	X	220.69674	271.55048	47.91075	20.04678	0.2910595	0.17587004	3.1550638	21	2 27.7	21.0
269912 2000 HR_{77}	15.3	X	1.49274	271.51391	237.61254	14.40251	0.2681990	0.18218217	3.0817599	21	—	—
269913 2000 HS_{79}	15.3	X	305.41263	69.26041	166.24355	17.73897	0.1471957	0.18033168	3.1028066	21	2 4.2	19.9
269914 2000 JV_{8}	17.3	X	229.19552	149.50657	67.10338	3.04295	0.1607234	0.26089489	2.4256362	21	—	—
269915 2000 JA_{42}	17.1	X	290.66576	76.15104	103.34895	2.04194	0.1239286	0.26604916	2.3942057	21	—	—
269916 2000 JM_{42}	16.5	X	138.36063	259.77777	56.74073	5.43698	0.1348885	0.26077925	2.4263533	21	—	—
269917 2000 JN_{48}	16.6	X	227.26402	19.00959	239.30550	5.02825	0.1019363	0.26549842	2.3975155	21	—	—
269918 2000 JN_{64}	16.3	X	297.53540	244.96149	259.24676	9.44113	0.2400660	0.26624007	2.3930610	21	—	—
269919 2000 JZ_{84}	15.6	X	268.20554	183.20190	46.80378	10.59659	0.0618128	0.17610802	3.1522207	21	—	—
269920 2000 KB_{9}	15.6	X	318.38710	117.93322	51.26856	10.74276	0.1820411	0.17549922	3.1595065	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
269921 2000 KJ_{37}	16.5	X	253.42658	188.52275	40.58344	1.17856	0.1531763	0.17243657	3.1968074	21	—	—
269922 2000 KA_{49}	16.7	X	223.14045	188.80443	100.58900	6.59797	0.1694618	0.26687176	2.3892832	21	1 6.4	20.3
269923 2000 KE_{74}	17.1	X	259.73247	116.92437	132.02353	5.33266	0.1980459	0.26815082	2.3816794	21	—	—
269924 2000 LC_{6}	15.5	X	224.15120	103.12071	186.18777	9.12622	0.0538066	0.17492728	3.1663897	21	1 21.7	20.4
269925 2000 NS_{12}	16.7	X	175.33082	133.23609	161.81202	12.35535	0.2888190	0.25729211	2.4482273	21	—	—
269926 2000 NR_{28}	17.3	X	209.68796	167.50039	121.51067	5.18242	0.2913485	0.26193058	2.4192379	21	—	—
269927 2000 OM_{22}	16.2	X	13.75969	20.77475	341.31413	12.74822	0.3821950	0.23902297	2.5714394	21	—	—
269928 2000 OO_{59}	16.0	X	90.07054	330.36935	316.62843	12.84527	0.1412904	0.24439160	2.5336417	21	11 23.9	20.0
269929 2000 QV_{19}	17.0	X	0.51843	9.26041	338.15444	3.01160	0.2173108	0.23703664	2.5857849	21	10 20.0	19.3
269930 2000 QG_{156}	16.6	X	30.81383	133.93321	212.33926	5.86849	0.2538617	0.24146966	2.5540398	21	12 18.6	19.9
269931 2000 QV_{168}	16.9	X	305.71932	40.36961	289.31093	3.05897	0.2275977	0.22839999	2.6505662	21	5 19.4	20.1
269932 2000 QU_{205}	16.5	X	70.16385	164.21110	166.55257	15.28151	0.2160784	0.24423930	2.5346949	21	—	—
269933 2000 QG_{214}	16.2	X	302.67035	15.62214	359.15097	14.13082	0.1308626	0.23163383	2.6258387	21	8 10.1	19.5
269934 2000 QP_{227}	16.7	X	275.53642	134.25170	218.34958	2.98134	0.2284041	0.22590246	2.6700665	21	5 12.6	20.7
269935 2000 QY_{247}	17.3	X	49.91080	130.01776	159.80856	3.54187	0.1832276	0.23911265	2.5707964	21	10 21.1	20.6
269936 2000 RK_{27}	16.1	X	224.12638	124.99232	233.38390	6.64156	0.2990043	0.21931904	2.7232352	21	3 30.5	21.1
269937 2000 RY_{39}	16.5	X	235.49598	76.29260	313.79646	10.82819	0.2012384	0.22449955	2.6811785	21	5 20.8	21.1
269938 2000 RU_{80}	16.0	X	348.13518	21.41691	334.64988	11.11298	0.0895866	0.23485374	2.6017829	21	9 25.3	19.0
269939 2000 RV_{80}	16.3	X	16.55754	8.36732	343.00502	18.07846	0.1994318	0.23846429	2.5754541	21	11 17.8	19.6
269940 2000 RO_{81}	16.0	X	350.57883	13.12777	307.77530	10.99380	0.0792072	0.23174147	2.6250256	21	8 11.9	19.1
269941 2000 RQ_{98}	15.9	X	116.71551	53.73298	252.79250	11.28676	0.1511414	0.24738384	2.5131698	21	—	—
269942 2000 RK_{103}	15.6	X	63.76399	116.11063	219.91749	12.23606	0.2117027	0.24326784	2.5414383	21	—	—
269943 2000 SV_{10}	18.0	X	253.04077	317.97655	7.16592	2.91794	0.1156524	0.31270235	2.1497203	21	3 17.4	20.6
269944 2000 SR_{14}	16.1	X	244.72053	19.48200	329.48147	13.97836	0.1325357	0.22198255	2.7014079	21	4 9.1	20.5
269945 2000 ST_{15}	16.1	X	257.51426	257.91453	192.89562	13.12495	0.1359174	0.23350492	2.6117926	21	9 9.4	19.8
269946 2000 SO_{31}	16.3	X	327.25298	179.40064	185.87915	13.49459	0.1681267	0.23339767	2.6125926	21	8 28.6	19.0
269947 2000 SB_{36}	17.3	X	28.92071	39.12372	304.41876	2.19090	0.2597488	0.23982781	2.5656831	21	12 13.1	20.3
269948 2000 SN_{58}	16.7	X	316.92527	206.21941	196.85405	3.88959	0.1439400	0.23533010	2.5982707	21	10 9.0	19.3
269949 2000 ST_{61}	16.4	X	338.57843	2.38610	5.02275	8.05909	0.2036723	0.23457178	2.6038675	21	9 28.5	18.5
269950 2000 SX_{98}	16.2	X	288.75528	64.33344	339.75603	9.06464	0.1588851	0.23114261	2.6295577	21	8 20.3	19.3
269951 2000 SZ_{103}	16.9	X	327.49975	135.35124	239.70338	1.43226	0.2646877	0.23324544	2.6137293	21	9 6.1	18.6
269952 2000 SS_{110}	16.5	X	61.09586	318.19016	18.24683	5.85840	0.1538386	0.24174803	2.5520789	21	12 28.4	20.2
269953 2000 SH_{163}	16.7	X	62.07465	69.12483	232.93408	2.86769	0.2456454	0.23998570	2.5645577	21	11 27.5	20.4
269954 2000 SB_{192}	16.4	X	330.54649	34.93750	352.22654	6.50620	0.0619009	0.23602685	2.5931548	21	10 12.4	19.6
269955 2000 SR_{218}	16.1	X	294.37009	180.34138	166.15251	14.14249	0.2633372	0.22622339	2.6675406	21	5 24.7	20.0
269956 2000 SV_{231}	15.9	X	310.92075	350.86930	24.92953	28.08943	0.0962441	0.23097027	2.6308656	21	9 11.6	19.6
269957 2000 SJ_{232}	16.1	X	338.37922	346.77175	35.94375	34.92592	0.2163230	0.23407437	2.6075550	21	10 26.1	18.1
269958 2000 SR_{232}	16.0	X	286.07808	212.48133	194.03937	31.65264	0.1495281	0.23322090	2.6139127	21	8 14.6	19.9
269959 2000 SH_{241}	16.8	X	294.03426	166.46769	230.31065	2.86359	0.2009724	0.23038957	2.6352845	21	8 8.6	19.9
269960 2000 SK_{243}	16.5	X	16.39998	10.26955	343.36701	8.63518	0.1761019	0.23944593	2.5684103	21	11 21.5	19.6
269961 2000 SF_{251}	16.8	X	337.19840	230.75719	148.44238	7.88840	0.1993461	0.23507090	2.6001804	21	10 17.7	19.0
269962 2000 SP_{257}	16.8	X	332.97023	195.93816	166.55082	5.05301	0.2111315	0.23283867	2.6167726	21	9 5.6	18.8
269963 2000 SE_{259}	16.1	X	68.66544	268.39511	40.99528	12.23385	0.2793404	0.24079584	2.5588023	21	12 14.8	20.3
269964 2000 SC_{291}	18.0	X	183.40265	56.57508	328.20969	3.14556	0.1757627	0.31041936	2.1602475	21	3 24.2	21.3
269965 2000 SM_{292}	16.4	X	317.41625	4.79894	348.28201	12.57445	0.3079754	0.23002135	2.6380961	21	6 30.9	19.3
269966 2000 SL_{297}	16.2	X	55.88097	1.91862	334.82382	9.63585	0.1100939	0.24136932	2.5547476	21	12 16.6	19.8
269967 2000 SB_{309}	16.5	X	173.64700	77.36759	347.84323	9.03690	0.2410030	0.21646972	2.7470798	21	5 12.1	21.4
269968 2000 SC_{335}	16.8	X	16.66669	320.53426	19.20919	17.22214	0.1649186	0.23721801	2.5844667	21	10 30.1	19.7
269969 2000 SG_{345}	16.6	X	184.29838	290.81883	85.52740	5.94902	0.2081867	0.21397149	2.7684208	21	3 28.4	21.3
269970 2000 SH_{359}	16.6	X	8.63803	346.32304	355.69376	16.87577	0.1964223	0.23622958	2.5916710	21	10 19.9	19.4
269971 2000 TQ_{3}	17.0	X	279.95925	133.26325	219.11014	1.42300	0.2230088	0.22626517	2.6672123	21	5 17.9	20.6
269972 2000 TV_{5}	16.6	X	279.49259	213.45540	181.74239	3.30969	0.1297061	0.22928707	2.6437254	21	7 27.5	20.0
269973 2000 TB_{6}	16.0	X	182.02817	303.43219	194.98729	9.23540	0.1342334	0.22892265	2.6465303	21	8 18.9	20.3
269974 2000 TU_{7}	16.7	X	196.12042	232.91230	183.52834	3.82734	0.2065294	0.22002570	2.7174013	21	5 22.7	21.3
269975 2000 TO_{8}	16.4	X	4.49974	327.44507	10.98172	7.25265	0.0750413	0.23402512	2.6079208	21	9 30.9	19.5
269976 2000 TV_{14}	16.9	X	187.31610	155.96173	230.26657	1.65740	0.1901295	0.21528538	2.7571455	21	4 7.6	21.4
269977 2000 TK_{22}	15.7	X	74.12983	58.13505	230.56604	13.75141	0.0664048	0.23594786	2.5937336	21	10 30.8	19.3
269978 2000 TK_{23}	16.9	X	216.18570	234.60496	184.04861	4.78870	0.2112602	0.22215685	2.6999947	21	6 10.7	21.5
269979 2000 TH_{43}	16.8	X	100.71103	203.47895	110.04199	7.32872	0.2749786	0.24671554	2.5177062	21	—	—
269980 2000 TK_{52}	16.6	X	261.85045	2.38840	17.87098	3.98653	0.1427894	0.22462002	2.6802198	21	6 12.8	20.5
269981 2000 TD_{60}	15.9	X	24.26654	291.22306	75.85934	14.69657	0.2119343	0.23943217	2.5685087	21	12 29.5	19.1
269982 2000 TU_{67}	16.7	X	76.62124	302.27936	31.68587	8.36095	0.1501100	0.24320308	2.5418895	21	—	—
269983 2000 UH_{29}	15.8	X	302.47592	5.70554	48.85998	18.41125	0.1708576	0.23135625	2.6279387	21	10 4.8	18.9
269984 2000 UV_{33}	17.2	X	232.08691	314.14034	225.98427	20.90941	0.0216935	0.38199459	1.8811838	21	—	—
269985 2000 UK_{44}	16.7	X	327.39860	127.73262	237.87636	2.93098	0.2972390	0.23115759	2.6294441	21	8 14.4	18.4
269986 2000 UD_{59}	16.5	X	279.47609	353.51825	17.27811	13.64184	0.2024997	0.22583564	2.6705931	21	6 11.5	20.5
269987 2000 UK_{59}	16.2	X	320.60091	121.67660	256.13056	4.91129	0.2509281	0.23172378	2.6251592	21	8 22.8	18.6
269988 2000 UF_{87}	16.6	X	301.76159	181.47944	208.80052	14.02542	0.1917527	0.22910865	2.6450977	21	8 9.9	20.0
269989 2000 UX_{97}	16.3	X	248.16507	46.26503	15.71230	7.82657	0.1874428	0.22471924	2.6794308	21	7 18.9	20.4
269990 2000 VF_{3}	16.1	X	338.03459	309.83151	42.18556	13.57046	0.1190646	0.22988567	2.6391340	21	9 13.1	19.2
269991 2000 VB_{29}	15.7	X	288.27515	165.06232	223.09484	12.32555	0.1576943	0.22559149	2.6725197	21	7 22.6	19.4
269992 2000 VY_{51}	16.4	X	236.82767	33.92312	13.00739	8.87543	0.1714548	0.22228834	2.6989298	21	6 16.7	20.7
269993 2000 WJ_{67}	17.6	X	212.66221	250.08278	93.26967	6.84573	0.3337893	0.30911705	2.1663107	21	3 3.6	21.6
269994 2000 WV_{68}	15.4	X	65.02719	105.15586	287.83308	9.44796	0.1480030	0.19894577	2.9061158	21	—	—
269995 2000 WV_{79}	16.7	X	278.06949	126.20210	261.61032	5.01805	0.2162635	0.22527490	2.6750229	21	7 2.4	20.4
269996 2000 WH_{129}	16.4	X	48.90958	298.96739	47.27675	6.17186	0.1823245	0.23880319	2.5730169	21	12 29.9	20.0
269997 2000 XH_{39}	16.6	X	156.86001	56.28703	1.75242	10.15607	0.3354317	0.21133804	2.7913713	21	4 25.2	21.9
269998 2000 XO_{41}	15.8	X	250.18723	53.81250	342.69582	13.66966	0.1636633	0.22126225	2.7072675	21	6 18.9	20.1
269999 2000 YG_{6}	15.8	X	91.61415	292.28101	67.29171	9.81404	0.2418068	0.24387369	2.5372275	21	—	—
270000 2000 YQ_{19}	16.1	X	136.96088	79.60056	32.61362	25.20372	0.2511228	0.21147352	2.7901789	21	6 6.9	21.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270001 2001 AH	16.0	X	174.37257	308.66143	109.61931	9.60115	0.2003748	0.20997548	2.8034340	21	5 9.9	20.8
270002 2001 AT_{8}	15.5	X	310.87727	227.18262	256.08328	6.80091	0.2255182	0.18776062	3.0204133	21	12 29.4	18.5
270003 2001 AF_{32}	16.1	X	120.83368	183.65716	294.14066	12.89842	0.1834961	0.21021597	2.8012954	21	5 28.9	20.5
270004 2001 BR_{23}	16.9	X	242.71286	93.89514	326.57117	2.02240	0.1217007	0.31516358	2.1385137	21	7 18.2	19.4
270005 2001 BB_{55}	16.3	X	106.42794	138.92930	308.72147	9.36273	0.2906007	0.20526410	2.8461692	21	4 15.5	20.8
270006 2001 BN_{65}	15.5	X	329.45551	197.55285	290.70842	11.49652	0.1850246	0.18856241	3.0118452	21	—	—
270007 2001 DT_{17}	17.0	X	66.04060	50.07046	115.62433	6.62186	0.1090864	0.30012082	2.2093879	21	5 6.8	19.2
270008 2001 DO_{34}	15.8	X	131.24885	25.43776	136.22018	17.15754	0.1541916	0.21380836	2.7698288	21	8 1.3	20.2
270009 2001 DD_{58}	17.0	X	83.24357	164.82725	328.65433	7.32344	0.2584415	0.20424374	2.8556406	21	5 15.2	21.0
270010 2001 DD_{73}	15.4	X	234.57430	101.88930	159.06682	15.70612	0.2577475	0.18570949	3.0426126	21	—	—
270011 2001 DB_{76}	16.1	X	227.66370	190.75768	334.04460	4.00537	0.2221626	0.17865093	3.1222370	21	10 23.6	21.0
270012 2001 DG_{111}	16.8	X	61.37440	330.64677	242.04207	5.46320	0.0607877	0.30576256	2.1821261	21	6 30.5	19.0
270013 2001 EH_{24}	15.8	X	35.51183	204.51223	321.53924	11.13747	0.1604282	0.19820578	2.9133445	21	3 23.7	19.2
270014 2001 EO_{25}	16.0	X	307.92229	147.46748	108.82277	3.27484	0.0740012	0.19596389	2.9355221	21	3 16.1	20.1
270015 2001 FV_{23}	17.1	X	27.58415	146.17429	49.14006	4.27200	0.1154510	0.29603600	2.2296654	21	4 8.3	18.8
270016 2001 FV_{47}	16.8	X	25.24476	314.40656	191.38917	22.87989	0.1641206	0.29025291	2.2591843	21	1 6.8	19.5
270017 2001 FU_{83}	17.7	X	297.62874	71.47745	174.16470	7.52969	0.0849903	0.29110321	2.2547828	21	1 26.9	20.6
270018 2001 FX_{84}	16.3	X	290.85794	188.90201	136.15051	2.82581	0.0667881	0.20420969	2.8559580	21	5 20.8	20.1
270019 2001 FA_{86}	17.5	X	236.18685	222.74960	27.39949	3.23600	0.2130325	0.27935671	2.3175546	21	—	—
270020 2001 FZ_{90}	17.0	X	353.32014	336.35478	265.08799	5.04042	0.2107288	0.29552638	2.2322280	21	3 25.5	18.9
270021 2001 FS_{119}	15.6	X	223.90601	316.90535	23.62129	9.56735	0.0802708	0.19355477	2.9598302	21	3 23.6	20.1
270022 2001 FF_{173}	16.2	X	148.78524	271.07300	171.22274	2.17052	0.0741142	0.20225584	2.8743214	21	5 5.4	20.5
270023 2001 FO_{187}	16.4	X	320.74930	251.00017	3.09737	16.52534	0.0677660	0.19780283	2.9172997	21	3 28.3	20.1
270024 2001 HW_{17}	16.8	X	285.55689	90.99818	207.67789	5.47821	0.2022767	0.29107099	2.2549492	21	3 9.5	20.0
270025 2001 HP_{21}	17.1	X	3.63262	352.82574	215.09161	12.39310	0.3797512	0.19498122	2.9453768	21	2 23.9	19.7
270026 2001 HD_{47}	15.6	X	38.99712	325.67120	213.84072	27.13433	0.1952058	0.19643397	2.9308369	21	4 27.9	18.5
270027 2001 JS	17.5	X	0.62452	354.82259	204.36964	6.89010	0.1873305	0.29232068	2.2485179	21	2 5.9	19.5
270028 2001 JU_{7}	15.4	X	206.52397	179.92133	62.46285	9.53486	0.1944583	0.17636202	3.1491935	21	—	—
270029 2001 JF_{8}	17.4	X	256.12744	46.92618	219.68422	4.16572	0.1775673	0.28276972	2.2988684	21	1 4.3	21.1
270030 2001 KT	16.2	X	304.65014	352.26814	236.04931	21.80839	0.1403000	0.28530929	2.2852064	21	1 3.1	19.7
270031 2001 KW_{13}	16.6	X	269.55798	239.13764	61.78720	8.53884	0.2121800	0.28704002	2.2760113	21	3 2.2	20.2
270032 2001 KA_{19}	16.1	X	292.84586	9.32960	237.69260	25.12423	0.2347826	0.28396201	2.2924290	21	1 3.6	20.1
270033 2001 KN_{30}	15.5	X	190.33754	60.28644	226.93132	7.73374	0.1990552	0.17632605	3.1496217	21	—	—
270034 2001 KR_{31}	15.4	X	227.19373	213.79992	79.46440	32.09416	0.2808465	0.18102997	3.0948223	21	1 24.9	21.3
270035 2001 KF_{33}	16.2	X	177.85316	141.08523	123.82648	2.96512	0.0973386	0.17589204	3.1548006	21	—	—
270036 2001 KR_{41}	16.9	X	278.45171	99.30829	204.78583	6.21329	0.1432794	0.29084476	2.2561184	21	3 15.9	20.1
270037 2001 KR_{57}	17.1	X	236.94046	100.08222	213.36170	7.15922	0.3064708	0.28217657	2.3020888	21	2 8.9	21.4
270038 2001 KW_{65}	16.9	X	280.52508	184.30981	120.29544	11.59746	0.2712792	0.28900004	2.2657089	21	3 10.7	20.5
270039 2001 KC_{74}	17.3	X	241.28331	141.01505	90.82512	5.11137	0.1167073	0.27690031	2.3312406	21	—	—
270040 2001 LG_{7}	15.2	X	296.40768	20.81529	281.40309	29.36129	0.1515580	0.23727083	2.5840831	21	3 24.7	19.6
270041 2001 LU_{7}	15.4	X	266.17121	28.79907	248.74908	10.22660	0.1987402	0.18222649	3.0812602	21	2 4.9	20.6
270042 2001 LB_{18}	16.6	X	183.71547	224.69765	93.66300	13.06314	0.2086875	0.27387811	2.3483591	21	1 7.9	20.2
270043 2001 MM_{2}	15.9	X	244.43995	76.89073	206.53773	20.09241	0.2091074	0.27756977	2.3274906	21	1 11.0	20.2
270044 2001 ML_{3}	16.8	X	188.79403	158.74589	172.01001	3.76362	0.3057631	0.27364505	2.3496922	21	1 31.0	21.0
270045 2001 MK_{16}	17.3	X	287.23792	301.10406	347.80010	2.43240	0.1799106	0.28543631	2.2845285	21	3 3.6	20.5
270046 2001 MS_{16}	17.7	X	263.55129	298.15058	342.66976	6.14825	0.2279141	0.28153688	2.3055747	21	1 27.6	21.4
270047 2001 MY_{21}	17.1	X	221.73413	272.62243	62.09773	7.31961	0.1433517	0.28104271	2.3082765	21	3 3.9	20.7
270048 2001 MX_{25}	16.4	X	201.68324	77.31943	243.47532	4.36155	0.1785168	0.27689633	2.3312629	21	1 23.2	20.2
270049 2001 NT_{11}	15.4	X	230.22383	169.04488	109.73147	16.80849	0.0652839	0.17680237	3.1439622	21	1 17.0	20.0
270050 2001 OR	17.2	X	276.88318	127.72167	107.65654	24.52774	0.0824862	0.37521879	1.9037635	21	—	—
270051 2001 OF_{11}	17.4	X	231.07618	280.60732	35.11694	3.70198	0.2792451	0.27932098	2.3177522	21	2 12.4	21.6
270052 2001 OG_{16}	16.9	X	180.30101	297.19403	47.78251	6.87752	0.2717505	0.27334930	2.3513868	21	2 12.8	21.0
270053 2001 OY_{29}	16.6	X	111.15681	348.24634	356.84941	7.15902	0.1325656	0.26741396	2.3860525	21	—	—
270054 2001 OM_{37}	15.7	X	273.11605	217.94358	73.27597	11.27281	0.2398800	0.18362415	3.0656049	21	3 4.1	20.8
270055 2001 OB_{39}	16.9	X	253.71969	287.28819	94.18228	5.50194	0.2675452	0.23729007	2.5839435	21	5 23.8	21.2
270056 2001 OJ_{41}	16.8	X	196.74649	265.60747	33.69764	6.84585	0.1427671	0.27372885	2.3492127	21	—	—
270057 2001 OG_{54}	17.1	X	127.85879	329.94805	10.54228	19.28282	0.0991831	0.36484314	1.9396882	21	—	—
270058 2001 OY_{54}	16.7	X	250.02660	36.92163	332.06379	5.88000	0.3190677	0.23718484	2.5847076	21	4 27.9	21.2
270059 2001 OA_{76}	17.6	X	201.85996	325.79503	337.76607	1.55763	0.2218700	0.27510905	2.3413489	21	1 5.9	21.6
270060 2001 OY_{78}	16.6	X	258.28378	298.60719	336.98772	23.92370	0.2191714	0.27809406	2.3245644	21	1 23.9	20.7
270061 2001 OQ_{83}	17.1	X	191.46100	317.03068	8.60792	6.05297	0.2579357	0.27440868	2.3453310	21	1 27.4	21.1
270062 2001 OY_{86}	16.9	X	159.52216	168.88922	153.62876	8.27308	0.1775133	0.26810792	2.3819334	21	—	—
270063 2001 OF_{90}	17.3	X	106.88217	244.36206	99.18367	3.06016	0.2488159	0.26427263	2.4049234	21	—	—
270064 2001 OJ_{90}	16.4	X	89.69274	344.21325	305.81470	15.77908	0.1834080	0.25787040	2.4445658	21	12 4.9	20.4
270065 2001 OG_{91}	15.6	X	198.90915	283.53294	40.94561	14.67383	0.3358166	0.17506580	3.1647192	21	2 16.1	21.7
270066 2001 OQ_{92}	16.6	X	322.03512	172.70787	96.25656	5.65098	0.1402005	0.28738579	2.2741853	21	3 31.1	19.1
270067 2001 PU_{14}	17.2	X	192.03629	203.06751	139.58436	4.58815	0.1875105	0.27661204	2.3328599	21	2 12.3	20.9
270068 2001 PS_{18}	17.0	X	216.00586	264.28984	80.93394	5.95480	0.1791937	0.27947896	2.3168787	21	3 10.9	20.7
270069 2001 PQ_{25}	16.6	X	298.23359	322.40711	41.70424	6.52338	0.1697453	0.24235830	2.5477928	21	7 6.8	19.6
270070 2001 PS_{30}	15.3	X	182.46050	212.74041	91.53742	15.57763	0.1977051	0.17198127	3.2024470	21	1 4.8	20.7
270071 2001 PM_{44}	17.9	X	188.15553	81.77342	206.67700	2.23723	0.2253186	0.27044218	2.3682076	21	—	—
270072 2001 PR_{47}	16.9	X	218.57083	208.40623	110.24921	6.99172	0.2457277	0.27607879	2.3358629	21	2 6.9	20.9
270073 2001 PR_{49}	18.2	X	258.96328	172.85312	224.15711	13.77245	0.1453509	0.43971835	1.7127198	21	6 28.1	19.9
270074 2001 PV_{49}	16.4	X	152.56181	305.14825	63.40578	9.55144	0.1695732	0.27226119	2.3576476	21	2 9.6	19.9
270075 2001 PQ_{57}	17.1	X	82.15450	2.30263	353.42587	3.15160	0.1591106	0.26123596	2.4235245	21	—	—
270076 2001 PU_{57}	17.8	X	199.19504	154.95822	154.44679	3.27805	0.2367126	0.27325604	2.3519218	21	1 11.1	21.7
270077 2001 QS	17.1	X	161.37824	12.16616	315.52029	6.09776	0.1259325	0.27019055	2.3696777	21	—	—
270078 2001 QG_{1}	16.7	X	121.97095	129.02295	220.61466	1.73824	0.2057744	0.26635029	2.3924008	21	—	—
270079 2001 QX_{20}	14.4	X	213.87399	294.50964	346.29383	25.22518	0.1938376	0.17083806	3.2167178	21	1 9.4	20.2
270080 2001 QL_{24}	16.3	X	121.82140	15.16581	337.46696	6.23398	0.1539944	0.26561464	2.3968161	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270081 2001 QY_{39}	15.9	X	217.53947	34.40941	287.91829	2.36388	0.1925237	0.17947560	3.1126654	21	2 19.6	21.1
270082 2001 QG_{56}	17.0	X	234.02813	171.33182	117.65321	2.89843	0.2101187	0.27675544	2.3320540	21	1 13.4	20.9
270083 2001 QJ_{61}	15.4	X	181.40059	183.89643	151.04708	9.19784	0.1637705	0.17519964	3.1631072	21	2 5.1	20.5
270084 2001 QY_{90}	16.0	X	253.80223	330.98031	294.30111	23.84557	0.1792804	0.27501572	2.3418785	21	1 4.2	19.8
270085 2001 QQ_{98}	17.3	X	242.35522	51.11266	264.76082	2.19501	0.2861830	0.28075303	2.3098640	21	2 17.8	21.3
270086 2001 QN_{113}	16.5	X	13.55640	49.00202	330.83951	6.35102	0.2213907	0.25149165	2.4857283	21	—	—
270087 2001 QM_{124}	17.2	X	202.75927	252.00764	52.62560	2.87264	0.2081597	0.27409372	2.3471274	21	1 7.6	20.9
270088 2001 QQ_{132}	17.6	X	246.21963	31.29664	274.51926	3.93035	0.2440853	0.27950855	2.3167152	21	2 9.8	21.5
270089 2001 QQ_{135}	16.8	X	240.20646	134.10821	196.72946	21.70977	0.2439149	0.27880734	2.3205980	21	3 5.5	21.1
270090 2001 QE_{156}	17.4	X	289.96928	44.72281	309.65186	6.39820	0.2714081	0.24019054	2.5630994	21	5 23.3	21.1
270091 2001 QG_{195}	17.5	X	186.29091	272.15666	32.77451	1.65356	0.1883239	0.27186727	2.3599245	21	—	—
270092 2001 QC_{214}	17.4	X	181.70168	350.89169	339.23881	18.97861	0.0872090	0.37131268	1.9170916	21	—	—
270093 2001 QA_{216}	16.3	X	108.61300	3.73767	0.10621	6.56310	0.1448069	0.26497695	2.4006600	21	—	—
270094 2001 QO_{224}	16.8	X	159.24950	335.68932	348.24676	1.76637	0.2206858	0.27051849	2.3677622	21	—	—
270095 2001 QH_{228}	15.2	X	141.94554	165.51729	190.91871	14.91163	0.1546728	0.17073829	3.2179708	21	1 22.9	20.4
270096 2001 QP_{231}	16.8	X	97.10984	105.61779	271.30212	5.50756	0.1623837	0.26547477	2.3976579	21	—	—
270097 2001 QP_{233}	16.6	X	59.24629	209.34721	174.80467	4.98425	0.2216251	0.25950353	2.4342987	21	—	—
270098 2001 QD_{255}	15.7	X	234.12343	123.19201	184.04028	16.00187	0.2281242	0.17885609	3.1198490	21	2 12.3	21.3
270099 2001 QZ_{255}	16.5	X	199.70880	121.65865	197.42730	6.10616	0.1273861	0.27400894	2.3476115	21	1 17.3	20.0
270100 2001 QH_{259}	14.8	X	175.77986	112.09925	205.20265	15.85553	0.1033511	0.16893306	3.2408551	21	1 7.0	20.1
270101 2001 QC_{267}	17.1	X	201.66398	162.60524	179.48973	3.41738	0.2542795	0.27672824	2.3322068	21	2 20.7	21.1
270102 2001 QR_{273}	16.6	X	188.65587	252.29346	76.97368	6.81402	0.1289588	0.27379125	2.3488557	21	1 21.6	20.1
270103 2001 QU_{284}	16.5	X	84.75634	6.84725	353.92849	5.69631	0.2030747	0.26166092	2.4208997	21	—	—
270104 2001 QP_{294}	17.3	X	170.91340	89.07123	230.36467	4.42430	0.1929320	0.26966711	2.3727431	21	—	—
270105 2001 QQ_{329}	16.9	X	168.60493	182.84366	146.26104	8.16082	0.0853248	0.26984791	2.3716832	21	—	—
270106 2001 QQ_{334}	15.5	X	125.13265	317.66207	79.35759	9.97189	0.0718963	0.17458418	3.1705367	21	2 18.0	20.2
270107 2001 RM_{1}	17.5	X	188.45246	144.46296	161.41047	1.47608	0.1930510	0.27087342	2.3656934	21	—	—
270108 2001 RG_{4}	16.4	X	131.03865	55.76092	300.50722	5.54187	0.1605770	0.26865983	2.3786702	21	—	—
270109 2001 RA_{8}	16.3	X	290.06463	291.75190	311.21228	7.58411	0.1645875	0.27631896	2.3345092	21	1 10.5	19.6
270110 2001 RQ_{19}	16.9	X	199.59997	155.13383	150.34614	7.75352	0.1191336	0.27245239	2.3565445	21	1 1.2	20.4
270111 2001 RL_{20}	16.9	X	205.16348	330.99287	330.40535	2.36345	0.2044766	0.27329564	2.3516945	21	1 5.6	20.8
270112 2001 RS_{22}	17.4	X	68.38253	51.13055	271.75890	1.55418	0.2055547	0.25638260	2.4540139	21	12 27.3	21.0
270113 2001 RU_{28}	15.1	X	237.06150	98.90139	161.45797	16.82368	0.1310867	0.17228229	3.1987156	21	—	—
270114 2001 RH_{29}	17.2	X	152.48711	326.72085	11.34286	2.71452	0.2341729	0.26909513	2.3761042	21	1 6.6	20.6
270115 2001 RR_{43}	16.5	X	168.61369	118.89543	199.04242	5.84381	0.1293571	0.26815548	2.3816518	21	—	—
270116 2001 RO_{47}	17.4	X	61.21283	28.60037	13.61538	20.71704	0.0710332	0.36253696	1.9479054	21	—	—
270117 2001 RC_{62}	16.9	X	235.97460	313.31561	85.70417	3.31990	0.1888589	0.23601001	2.5932782	21	6 4.7	21.1
270118 2001 RD_{73}	16.1	X	100.02824	32.02361	339.95084	6.38457	0.1111142	0.26228335	2.4170682	21	—	—
270119 2001 RN_{74}	16.6	X	330.90624	17.96511	333.12500	10.42200	0.1837214	0.24329101	2.5412770	21	8 17.9	18.7
270120 2001 RJ_{84}	15.3	X	172.11829	151.72457	178.10213	16.91308	0.1997555	0.17103894	3.2141987	21	1 23.2	20.9
270121 2001 RW_{95}	17.2	X	120.69002	205.38456	137.32190	2.06974	0.2351468	0.26368231	2.4085115	21	—	—
270122 2001 RN_{100}	16.5	X	168.39808	342.10645	357.65811	6.97306	0.1327324	0.27153431	2.3618532	21	1 15.1	20.0
270123 2001 RC_{102}	17.3	X	126.17357	166.43564	167.20469	4.43986	0.1191650	0.26542225	2.3979741	21	—	—
270124 2001 RD_{103}	17.2	X	208.27693	167.65904	164.79375	6.10883	0.1484375	0.27652489	2.3333501	21	2 12.2	20.9
270125 2001 RM_{105}	16.2	X	179.91829	280.84256	61.57084	1.74844	0.1618336	0.17441947	3.1725325	21	2 13.6	21.4
270126 2001 RQ_{110}	17.4	X	133.83657	232.24764	107.59887	2.24422	0.1953236	0.26657629	2.3910484	21	—	—
270127 2001 RR_{115}	17.0	X	199.11971	161.66245	146.34270	3.81877	0.1820933	0.27217227	2.3581611	21	1 7.1	20.6
270128 2001 RS_{115}	17.8	X	274.63291	169.54302	133.42818	2.69555	0.2512805	0.28288861	2.2982243	21	3 2.7	21.4
270129 2001 RT_{115}	16.6	X	158.43574	5.34371	31.05557	3.45234	0.0953971	0.22631827	2.6667951	21	3 19.2	20.4
270130 2001 RW_{116}	17.5	X	100.08854	165.78968	146.59365	3.95204	0.1864313	0.25899729	2.4374697	21	—	—
270131 2001 RJ_{120}	15.2	X	179.03368	208.93814	119.40986	6.75738	0.1767472	0.17157938	3.2074458	21	1 28.5	20.4
270132 2001 RF_{124}	17.4	X	130.72889	190.33044	145.96422	2.55615	0.2077636	0.26535000	2.3984094	21	—	—
270133 2001 RQ_{127}	17.2	X	210.79924	196.10379	94.82121	2.64565	0.1875307	0.27170043	2.3608904	21	—	—
270134 2001 RS_{127}	17.0	X	201.19274	159.94533	157.17146	7.85774	0.2735477	0.27384658	2.3485393	21	1 22.3	21.2
270135 2001 RB_{128}	16.7	X	240.80052	273.34809	24.78038	6.56382	0.1321798	0.27600884	2.3362576	21	2 3.9	20.3
270136 2001 RR_{129}	17.2	X	259.99565	342.51719	45.98759	2.94551	0.2203710	0.23811241	2.5779908	21	6 11.7	21.1
270137 2001 RH_{133}	16.8	X	218.88091	348.68876	65.71187	4.31020	0.2208053	0.23472533	2.6027318	21	6 6.4	21.0
270138 2001 RE_{139}	17.7	X	43.80404	214.81852	163.60252	7.26577	0.0928669	0.25784156	2.4447480	21	—	—
270139 2001 SP_{1}	16.8	X	136.50285	351.73967	350.57529	3.21631	0.1439692	0.26544428	2.3978415	21	—	—
270140 2001 SV_{5}	17.3	X	4.85748	116.76373	344.37178	18.78226	0.0863356	0.36174536	1.9507460	21	—	—
270141 2001 SN_{9}	17.3	X	331.16272	145.20452	221.28055	3.50136	0.2655926	0.24331013	2.5411439	21	9 2.6	19.1
270142 2001 SQ_{19}	15.3	X	210.86953	154.04088	165.77904	9.51402	0.0725590	0.17386770	3.1792410	21	2 13.1	20.2
270143 2001 SQ_{21}	17.5	X	286.41316	201.73301	179.77080	6.68003	0.3338076	0.23985422	2.5654948	21	6 17.1	21.1
270144 2001 SM_{23}	16.9	X	90.18764	179.84358	180.13241	3.70060	0.1327613	0.26119547	2.4237749	21	—	—
270145 2001 SN_{23}	17.4	X	187.80075	293.18124	19.60448	1.42639	0.1956686	0.27028857	2.3691047	21	1 4.5	21.2
270146 2001 SX_{36}	17.1	X	241.14375	4.09378	19.52071	5.21416	0.2204693	0.23394619	2.6085073	21	5 17.3	21.3
270147 2001 SL_{62}	17.0	X	183.75374	314.76774	12.52632	8.08937	0.2998236	0.27109075	2.3644288	21	1 26.7	21.2
270148 2001 SO_{65}	16.7	X	106.16607	182.46314	189.58161	15.31592	0.1855256	0.26272084	2.4143841	21	—	—
270149 2001 SF_{73}	17.8	X	158.55470	187.23446	175.17054	22.63459	0.0728850	0.37057565	1.9196326	21	—	—
270150 2001 SG_{73}	17.2	X	235.61386	16.89253	277.84490	5.03620	0.2062620	0.27524939	2.3405530	21	1 21.2	21.1
270151 2001 ST_{89}	17.7	X	198.67454	28.43863	281.99944	1.98521	0.1884443	0.27239149	2.3568957	21	1 10.2	21.4
270152 2001 SZ_{90}	17.4	X	61.07815	58.39215	319.39385	2.79612	0.1480995	0.25983610	2.4322211	21	—	—
270153 2001 ST_{94}	17.1	X	166.93679	91.96927	234.19830	1.93594	0.1077127	0.26866987	2.3786109	21	—	—
270154 2001 SH_{95}	17.5	X	99.29855	144.43060	203.29601	2.86034	0.1426895	0.26184709	2.4197521	21	—	—
270155 2001 SN_{106}	16.2	X	203.74637	95.12119	219.58048	8.72816	0.2749021	0.27191277	2.3596612	21	1 20.2	20.5
270156 2001 SN_{112}	17.5	X	183.72370	101.04361	187.31814	21.86728	0.0579450	0.36378929	1.9434324	21	—	—
270157 2001 SR_{131}	17.3	X	319.68724	0.54698	330.70767	2.47071	0.2318135	0.24102432	2.5571849	21	6 13.8	20.0
270158 2001 SP_{137}	17.4	X	152.02226	58.46783	276.69631	0.51186	0.1996043	0.26742105	2.3860104	21	—	—
270159 2001 SH_{140}	17.0	X	42.76110	199.04258	184.88054	2.72958	0.1859272	0.25653537	2.4530395	21	—	—
270160 2001 SH_{143}	15.8	X	239.56430	93.82743	189.57710	15.28965	0.2022375	0.17466640	3.1695417	21	1 22.3	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
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270161 2001 SU_{157}	15.1	X	346.52940	151.59688	208.12215	9.31596	0.1039765	0.14644607	3.5646555	21	9 17.8	19.7
270162 2001 ST_{161}	17.0	X	152.49303	117.81382	207.41452	3.30461	0.1214885	0.26498496	2.4006116	21	—	—
270163 2001 SE_{171}	17.2	X	279.48692	328.75067	293.12838	5.86103	0.2016049	0.27770544	2.3267325	21	1 19.2	20.7
270164 2001 SN_{171}	17.0	X	52.38901	23.19763	24.63318	2.26584	0.1840318	0.26071114	2.4267758	21	—	—
270165 2001 SG_{176}	16.5	X	185.64686	266.23040	48.01095	5.51738	0.1665252	0.26854630	2.3793405	21	1 2.8	20.2
270166 2001 SR_{177}	16.4	X	197.22570	262.68895	58.60362	8.51555	0.1388252	0.27019483	2.3696527	21	1 22.1	20.1
270167 2001 SU_{185}	17.2	X	228.95982	291.42658	23.73438	6.36026	0.2164575	0.27765074	2.3270381	21	2 12.2	21.1
270168 2001 SN_{195}	16.3	X	161.19607	273.11060	61.97033	2.13304	0.1610810	0.16971295	3.2309190	21	1 20.5	21.4
270169 2001 SS_{199}	17.3	X	162.08889	154.87827	133.45240	1.90336	0.1769898	0.26435854	2.4044024	21	—	—
270170 2001 SH_{218}	17.4	X	215.70518	254.76673	32.70363	2.69528	0.2038336	0.27140010	2.3626318	21	—	—
270171 2001 SQ_{221}	17.3	X	125.37905	289.96599	37.76043	2.49546	0.2206269	0.26319585	2.4114783	21	—	—
270172 2001 SK_{225}	17.2	X	88.69362	352.85828	26.75817	4.00129	0.1422558	0.26246170	2.4159731	21	—	—
270173 2001 SA_{226}	17.1	X	180.81394	279.38270	34.80619	2.72547	0.2086527	0.26902561	2.3765136	21	1 1.1	20.8
270174 2001 ST_{240}	17.5	X	201.21172	277.54596	19.16784	2.33166	0.2170089	0.26971839	2.3724424	21	—	—
270175 2001 SX_{242}	16.8	X	59.33475	337.05477	57.56698	6.00277	0.1636451	0.25997382	2.4313621	21	—	—
270176 2001 SZ_{251}	16.7	X	112.86430	155.41466	188.12217	7.96582	0.0563030	0.25989829	2.4318331	21	—	—
270177 2001 SQ_{255}	17.1	X	173.86860	103.28389	190.30560	5.86873	0.1617864	0.26375929	2.4080428	21	—	—
270178 2001 SQ_{259}	17.1	X	232.59996	283.07065	357.54534	2.84502	0.1590168	0.27258768	2.3557646	21	1 3.4	20.8
270179 2001 SH_{263}	17.3	X	172.22222	157.67857	208.41045	20.76561	0.0772257	0.37194889	1.9149049	21	1 20.6	20.0
270180 2001 SP_{264}	17.2	X	240.81056	281.35552	30.11379	23.96570	0.1599208	0.37425006	1.9070473	21	2 17.6	20.5
270181 2001 SH_{273}	17.6	X	143.30965	126.89765	218.73115	0.58879	0.1997130	0.26830027	2.3807949	21	1 1.9	20.8
270182 2001 SY_{273}	17.7	X	41.93789	199.62676	177.58621	5.85806	0.1270450	0.25772917	2.4454587	21	—	—
270183 2001 SC_{275}	16.6	X	96.46434	139.37665	349.56774	10.12428	0.1687600	0.22896259	2.6462226	21	5 9.6	20.3
270184 2001 SZ_{275}	17.1	X	275.92863	309.40689	199.52586	21.25946	0.0673258	0.35662972	1.9693566	21	—	—
270185 2001 SP_{277}	16.5	X	300.50467	132.05328	283.34941	6.48711	0.3088953	0.24265298	2.5457298	21	8 27.1	19.0
270186 2001 SO_{288}	16.5	X	114.23229	35.66385	318.75839	6.09565	0.1407015	0.26341646	2.4101317	21	—	—
270187 2001 SY_{301}	17.6	X	182.43432	1.41539	304.22204	1.82973	0.1865233	0.26878435	2.3779354	21	—	—
270188 2001 SD_{307}	17.2	X	12.62186	56.67946	10.21885	2.82020	0.0874762	0.25904758	2.4371543	21	—	—
270189 2001 SM_{313}	16.7	X	140.85559	286.99027	57.18848	8.56030	0.1386550	0.26613534	2.3936888	21	—	—
270190 2001 SM_{320}	17.2	X	229.49253	252.64750	36.80666	4.10998	0.2327258	0.27314407	2.3525644	21	1 11.5	21.2
270191 2001 SC_{334}	17.7	X	56.65813	160.53455	177.37638	6.67854	0.1018022	0.25318481	2.4746338	21	12 20.5	21.2
270192 2001 SX_{341}	16.8	X	205.36008	55.51028	247.10950	5.98525	0.1201294	0.27122932	2.3636234	21	1 3.4	20.4
270193 2001 SK_{347}	17.0	X	203.07294	274.00590	16.24548	23.15754	0.2476221	0.27056951	2.3674645	21	—	—
270194 2001 SE_{350}	17.9	X	233.90234	10.46062	298.34978	1.17390	0.2496026	0.27603456	2.3361124	21	2 5.4	21.7
270195 2001 SO_{353}	16.7	X	271.93191	280.66509	121.43479	14.16234	0.1948235	0.23806079	2.5783635	21	7 17.4	20.1
270196 2001 SK_{355}	15.2	X	233.60807	9.57931	262.83732	14.69086	0.1797743	0.17359623	3.1825545	21	1 7.3	20.5
270197 2001 TN_{2}	16.9	X	164.74166	84.25371	214.07893	5.53406	0.1118446	0.26402501	2.4064269	21	—	—
270198 2001 TE_{13}	17.7	X	44.74194	232.47614	195.96040	20.55645	0.1258031	0.36088019	1.9538626	21	—	—
270199 2001 TH_{13}	16.9	X	320.59015	13.16369	208.52630	22.26022	0.1271068	0.37410647	1.9075352	21	—	—
270200 2001 TZ_{29}	17.2	X	128.88124	6.81067	319.58793	1.58346	0.2208175	0.26244823	2.4160558	21	—	—
270201 2001 TS_{32}	16.3	X	141.94202	72.38297	276.99654	4.65785	0.3528297	0.26616912	2.3934862	21	1 22.6	20.1
270202 2001 TK_{42}	15.4	X	236.06158	130.69193	293.98222	11.55004	0.2276276	0.23203252	2.6228300	21	7 4.9	19.7
270203 2001 TA_{54}	16.5	X	157.45151	292.62738	35.86712	7.39229	0.1278124	0.26617949	2.3934241	21	—	—
270204 2001 TJ_{68}	16.4	X	92.90125	170.10585	190.67959	2.75072	0.1910088	0.25948600	2.4344083	21	—	—
270205 2001 TF_{86}	16.7	X	147.72603	169.01093	212.92801	9.99333	0.1381102	0.22088474	2.7103512	21	2 18.2	20.9
270206 2001 TT_{90}	16.6	X	134.44551	16.28413	314.81939	4.64051	0.1529675	0.26314689	2.4117774	21	—	—
270207 2001 TB_{92}	16.7	X	256.27461	84.93820	16.20679	13.41607	0.1079229	0.24466355	2.5317639	21	10 1.1	20.0
270208 2001 TM_{92}	16.9	X	267.65604	152.98711	222.63980	4.24201	0.2870274	0.23690770	2.5867230	21	5 26.8	20.8
270209 2001 TB_{97}	16.3	X	250.99481	230.19924	259.40108	2.58592	0.0683062	0.24752313	2.5122269	21	11 5.4	19.4
270210 2001 TC_{97}	17.1	X	247.51064	67.09333	6.24275	5.12145	0.2711312	0.23733369	2.5836268	21	7 23.5	21.3
270211 2001 TJ_{99}	15.0	X	48.41758	18.13185	0.77930	9.58413	0.1014660	0.15700243	3.4030249	21	—	—
270212 2001 TO_{120}	16.5	X	242.66226	340.91122	307.83751	10.16034	0.2253009	0.27341589	2.3510050	21	1 20.7	20.4
270213 2001 TN_{139}	17.1	X	184.32255	258.77933	56.40576	4.18183	0.1969637	0.27081462	2.3660358	21	1 4.4	20.9
270214 2001 TO_{139}	16.5	X	194.26605	257.90924	44.91087	7.11253	0.1339007	0.27027376	2.3691913	21	—	—
270215 2001 TY_{142}	15.1	X	237.89566	222.60664	55.06810	10.29038	0.1227147	0.17112739	3.2130910	21	1 23.6	20.3
270216 2001 TA_{146}	17.0	X	28.82516	300.29775	94.47644	4.22368	0.1481171	0.25525108	2.4612609	21	—	—
270217 2001 TB_{149}	16.8	X	212.40416	339.13244	82.20007	5.63766	0.1819207	0.23301449	2.6154561	21	6 11.5	21.1
270218 2001 TD_{151}	17.0	X	245.72739	263.79566	97.11171	5.22391	0.2834630	0.23237053	2.6202859	21	4 22.2	21.5
270219 2001 TK_{154}	16.1	X	143.56761	301.65333	67.89005	7.87401	0.1357554	0.26931312	2.3748219	21	1 26.2	19.3
270220 2001 TZ_{168}	16.8	X	266.58183	42.96382	6.36676	10.73350	0.3403667	0.23729629	2.5838983	21	7 2.9	21.1
270221 2001 TN_{169}	16.1	X	338.83930	74.53754	355.44939	13.60642	0.0587757	0.25104278	2.4886905	21	12 28.9	19.4
270222 2001 TF_{173}	17.2	X	258.87652	178.58600	213.46991	3.66901	0.2643941	0.23566555	2.5958045	21	6 10.7	21.3
270223 2001 TM_{173}	17.8	X	105.02888	167.37399	146.12323	1.68326	0.1946695	0.25774072	2.4453856	21	—	—
270224 2001 TE_{180}	16.7	X	157.15015	96.53684	256.60353	6.97155	0.2034395	0.21842698	2.7306447	21	1 31.4	21.2
270225 2001 TN_{183}	17.3	X	21.63857	11.83713	26.84456	5.47938	0.1047289	0.25469072	2.4648697	21	—	—
270226 2001 TD_{189}	16.2	X	287.15275	194.82004	248.36587	5.50835	0.1806030	0.24395004	2.5366981	21	10 6.5	19.0
270227 2001 TD_{191}	16.1	X	41.81603	66.54083	293.45410	4.51366	0.1202876	0.25099463	2.4890088	21	—	—
270228 2001 TF_{196}	16.6	X	113.12563	11.72957	319.83839	10.11590	0.2078034	0.26185512	2.4197027	21	—	—
270229 2001 TX_{198}	16.6	X	113.75252	193.10848	134.99763	5.62019	0.0599950	0.26007485	2.4307323	21	—	—
270230 2001 TG_{203}	17.0	X	89.16713	264.33508	116.88662	7.71170	0.1985679	0.26192436	2.4192762	21	—	—
270231 2001 TT_{206}	16.5	X	189.60971	331.25032	14.30887	9.90820	0.0730240	0.22251467	2.6970994	21	2 19.6	20.6
270232 2001 TV_{210}	16.7	X	159.44318	344.18129	313.33379	5.86415	0.1216234	0.26282575	2.4137416	21	—	—
270233 2001 TP_{213}	15.7	X	71.47944	125.00211	308.19940	8.07769	0.1426219	0.21521749	2.7577254	21	1 20.7	18.8
270234 2001 TU_{214}	16.9	X	102.98742	158.50526	274.47760	8.27553	0.2337232	0.21810014	2.7333720	21	3 15.5	20.9
270235 2001 TC_{229}	17.1	X	218.43675	64.97100	208.39462	3.60063	0.0206999	0.26587247	2.3952663	21	—	—
270236 2001 TB_{240}	16.5	X	90.01958	257.92596	92.88950	6.02562	0.1276027	0.25793304	2.4441700	21	—	—
270237 2001 TM_{245}	18.0	X	240.79385	288.61387	339.27617	1.71182	0.1917353	0.27230294	2.3574066	21	—	—
270238 2001 TD_{252}	17.2	X	252.11049	187.66656	57.48294	6.17752	0.1309516	0.26819224	2.3814341	21	—	—
270239 2001 TD_{260}	17.3	X	226.75558	234.55432	54.05377	4.56968	0.1269877	0.27125584	2.3634694	21	1 8.2	20.8
270240 2001 UH_{10}	17.3	X	299.71998	261.87258	78.60849	5.50294	0.3122133	0.23980576	2.5658404	21	5 13.1	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270241 2001 UL_{11}	17.6	X	285.12334	10.65190	212.17406	20.57198	0.0301703	0.36594967	1.9357762	21	—	—
270242 2001 US_{13}	16.6	X	299.99882	234.29078	178.73875	4.62066	0.2552993	0.24113562	2.5563980	21	9 4.1	18.9
270243 2001 UA_{18}	16.2	X	135.24615	319.14576	26.18838	7.00166	0.1662142	0.26330253	2.4108269	21	—	—
270244 2001 UL_{18}	17.3	X	21.77814	348.51457	55.72480	5.42274	0.1089674	0.25421620	2.4679360	21	—	—
270245 2001 UR_{21}	17.3	X	105.38002	208.48009	210.96663	20.91071	0.0930749	0.36969683	1.9226736	21	1 1.3	19.4
270246 2001 UE_{22}	16.4	X	266.65784	124.35957	310.05744	6.91184	0.2580747	0.24121566	2.5558325	21	8 13.8	20.1
270247 2001 UG_{25}	16.2	X	307.43190	88.53368	346.76803	9.11385	0.2467041	0.24605518	2.5222088	21	10 24.5	18.3
270248 2001 UJ_{25}	16.0	X	308.50030	103.24278	326.13222	7.49332	0.1480165	0.24645911	2.5194523	21	10 29.6	18.7
270249 2001 UC_{29}	17.0	X	239.95509	239.09894	174.63285	4.83264	0.2879961	0.23530583	2.5984494	21	6 19.1	21.4
270250 2001 UR_{30}	16.7	X	199.49988	265.08010	35.92638	8.86381	0.0714541	0.26793310	2.3829694	21	—	—
270251 2001 UV_{30}	16.8	X	123.70678	132.62967	196.15134	5.72531	0.1218793	0.26138459	2.4226056	21	—	—
270252 2001 US_{34}	16.2	X	137.36086	219.99895	104.93280	8.30013	0.1865028	0.26196642	2.4190173	21	—	—
270253 2001 UE_{36}	16.3	X	100.15624	204.38044	172.42497	10.07992	0.2178542	0.26126158	2.4233660	21	—	—
270254 2001 UU_{39}	17.1	X	187.18010	120.37648	204.98594	5.76162	0.2062481	0.26995202	2.3710734	21	1 18.3	21.0
270255 2001 UC_{51}	16.2	X	231.91629	43.58329	57.70102	30.48847	0.3170090	0.23601399	2.5932490	21	8 21.9	21.3
270256 2001 UW_{97}	17.2	X	73.52722	160.61760	191.97132	1.99446	0.2222076	0.25681873	2.4512348	21	—	—
270257 2001 UD_{100}	17.0	X	358.09231	351.61521	48.17614	3.28998	0.1321236	0.25053883	2.4920267	21	12 24.3	19.6
270258 2001 UZ_{101}	17.2	X	3.29378	210.54380	198.69133	2.59665	0.0867745	0.25336513	2.4734596	21	—	—
270259 2001 UQ_{106}	16.4	X	149.84264	273.37606	40.59735	6.76935	0.1452439	0.26166223	2.4208916	21	—	—
270260 2001 UD_{116}	16.9	X	24.79001	341.99160	46.12361	6.79787	0.0972548	0.25202984	2.4821884	21	—	—
270261 2001 UO_{117}	16.9	X	127.74361	273.51544	55.05477	5.46639	0.2047845	0.26049859	2.4280957	21	—	—
270262 2001 UY_{137}	16.7	X	29.89104	252.89554	52.53400	3.58563	0.0399350	0.24314569	2.5422895	21	9 22.7	19.9
270263 2001 UF_{139}	14.9	X	333.76228	39.10188	38.22373	10.51451	0.0760503	0.15435614	3.4418091	21	12 5.3	19.4
270264 2001 UH_{144}	16.8	X	159.46229	165.02739	155.76487	2.75778	0.1924048	0.26422443	2.4052159	21	—	—
270265 2001 UB_{147}	17.2	X	302.28375	13.17034	43.74591	3.52624	0.1207541	0.24465281	2.5318380	21	10 7.6	19.8
270266 2001 UB_{166}	17.2	X	203.51333	200.67904	81.17078	3.06827	0.1793417	0.26723081	2.3871426	21	—	—
270267 2001 UP_{166}	17.3	X	255.83258	212.50148	71.57858	2.84225	0.2151682	0.27520005	2.3408327	21	1 25.9	21.2
270268 2001 UH_{171}	17.2	X	298.98809	44.46483	2.74443	4.22571	0.2611015	0.24128958	2.5553105	21	8 25.4	19.6
270269 2001 UX_{171}	16.5	X	139.50004	339.99601	43.95744	5.43627	0.1123618	0.21974036	2.7197532	21	2 15.0	20.4
270270 2001 UT_{172}	17.0	X	250.08850	99.45041	198.65573	7.79951	0.2283508	0.27517933	2.3409502	21	2 3.7	21.1
270271 2001 UM_{175}	16.6	X	141.58021	240.64442	78.04789	5.21598	0.1858773	0.26195535	2.4190854	21	—	—
270272 2001 UK_{182}	16.7	X	344.18897	357.03679	326.87956	10.38403	0.1815284	0.24198287	2.5504274	21	8 5.4	18.8
270273 2001 UG_{187}	17.1	X	178.23502	280.92066	34.58482	7.17755	0.1386541	0.26820543	2.3813561	21	—	—
270274 2001 UJ_{194}	16.5	X	200.27129	132.58410	198.53097	8.48061	0.0390319	0.22098466	2.7095342	21	2 6.3	20.5
270275 2001 UB_{211}	17.0	X	141.58293	315.91118	11.03017	2.72904	0.1790647	0.26327902	2.4109704	21	—	—
270276 2001 US_{215}	16.5	X	209.62906	92.64024	50.92877	15.36171	0.0514950	0.24247958	2.5469433	21	10 10.7	20.2
270277 2001 UC_{227}	17.1	X	123.30131	171.00238	138.77331	3.85486	0.1311881	0.25907770	2.4369654	21	—	—
270278 2001 VP_{5}	16.3	X	281.88873	119.75629	316.59284	6.37861	0.2308937	0.24267580	2.5455701	21	9 9.5	19.4
270279 2001 VT_{7}	16.8	X	269.01229	174.50790	224.12456	3.01375	0.1233004	0.23707581	2.5855001	21	7 19.1	20.2
270280 2001 VH_{11}	16.9	X	246.47079	108.67757	275.78161	9.72880	0.2905375	0.23330538	2.6132816	21	5 17.5	21.4
270281 2001 VX_{19}	16.4	X	167.50103	113.17868	228.94806	5.40600	0.1605826	0.26689970	2.3891165	21	1 17.6	19.9
270282 2001 VV_{47}	15.4	X	17.43565	295.64424	60.40108	2.66613	0.1769228	0.24533191	2.5271636	21	11 30.7	18.2
270283 2001 VX_{63}	16.9	X	114.65839	85.44695	267.32506	2.28833	0.2301891	0.26128297	2.4232338	21	—	—
270284 2001 VV_{69}	16.7	X	241.62274	35.63040	350.20930	8.01699	0.2327790	0.23209284	2.6223755	21	5 18.3	21.1
270285 2001 VD_{70}	15.5	X	342.37468	285.12818	246.84010	23.84354	0.1236549	0.21322031	2.7749192	21	—	—
270286 2001 VY_{76}	16.7	X	68.28900	293.75459	89.35275	24.37581	0.0829024	0.35672093	1.9690209	21	—	—
270287 2001 VK_{79}	16.9	X	252.37128	31.62014	317.75560	1.73129	0.3305996	0.23118602	2.6292286	21	4 7.4	21.5
270288 2001 VV_{82}	16.7	X	28.00570	306.44247	63.92864	8.08004	0.1190038	0.25091836	2.4895131	21	12 27.7	19.8
270289 2001 VG_{88}	16.7	X	107.16436	276.24409	86.19788	4.82281	0.1677463	0.26142246	2.4223717	21	—	—
270290 2001 VP_{103}	17.5	X	199.02424	168.97525	265.81455	3.81814	0.2606228	0.23013957	2.6371926	21	6 14.7	22.3
270291 2001 VH_{106}	16.2	X	205.99068	285.77824	247.87674	11.64232	0.1993842	0.24396835	2.5365712	21	10 22.1	20.4
270292 2001 VM_{110}	16.8	X	223.68359	233.89774	260.07765	8.43425	0.1572313	0.24006220	2.5640128	21	9 21.6	20.9
270293 2001 VE_{112}	16.6	X	229.73874	183.56601	286.31444	3.35954	0.1725590	0.23733928	2.5835863	21	8 29.3	20.5
270294 2001 VH_{115}	16.1	X	255.99935	234.95115	254.65651	8.49538	0.1019277	0.24425377	2.5345948	21	11 5.7	19.3
270295 2001 VK_{115}	14.5	X	135.52358	233.28803	252.22515	10.77619	0.1940351	0.12489910	3.9636610	21	6 24.4	20.8
270296 2001 VH_{117}	16.6	X	197.36426	157.75603	308.48457	2.85570	0.2546233	0.23130674	2.6283137	21	7 22.5	21.2
270297 2001 VE_{120}	16.9	X	19.63039	36.83882	337.56731	2.64060	0.1002179	0.24826238	2.5072373	21	12 17.8	19.9
270298 2001 VQ_{127}	17.1	X	130.44588	161.46859	163.37304	7.01705	0.1877196	0.26188057	2.4195459	21	—	—
270299 2001 VS_{127}	17.0	X	260.23097	94.00927	129.65222	7.15968	0.0389044	0.26347640	2.4097661	21	—	—
270300 2001 VU_{129}	17.7	X	271.96461	239.51588	182.82183	13.14000	0.1761071	0.23999400	2.5644986	21	8 14.6	21.2
270301 2001 VX_{132}	16.3	X	277.32884	95.22993	331.09257	11.55713	0.2371003	0.23837743	2.5760797	21	8 20.9	19.6
270302 2001 WA_{2}	17.2	X	117.30085	168.00906	211.56591	22.60520	0.0472356	0.36351438	1.9444121	21	—	—
270303 2001 WB_{2}	16.6	X	272.26714	121.74971	209.78920	21.04975	0.3095480	0.28102800	2.3083571	21	3 28.6	20.5
270304 2001 WW_{2}	16.8	X	209.12048	241.57098	34.23622	6.57922	0.1111822	0.26436588	2.4043579	21	—	—
270305 2001 WQ_{10}	17.7	X	271.62614	233.50192	211.04022	3.99133	0.2184188	0.24099245	2.5574104	21	9 8.4	21.0
270306 2001 WS_{42}	17.4	X	86.81756	175.15866	197.07581	1.57891	0.1652780	0.25909798	2.4368382	21	—	—
270307 2001 WQ_{44}	17.0	X	182.55218	161.45378	160.21275	2.24126	0.1984374	0.26610295	2.3938830	21	1 11.0	20.8
270308 2001 WS_{53}	16.1	X	73.76013	193.99992	45.34413	11.37928	0.1167488	0.23808081	2.5782189	21	9 9.9	19.7
270309 2001 WL_{70}	16.8	X	154.65845	240.28372	62.90106	6.55780	0.1249964	0.25965254	2.4333673	21	—	—
270310 2001 WD_{78}	16.8	X	339.76259	143.89341	211.08895	2.71682	0.0798148	0.24046249	2.5611666	21	9 13.2	19.5
270311 2001 WE_{82}	17.1	X	155.72671	220.21045	82.64345	3.19594	0.2034024	0.26058419	2.4275639	21	—	—
270312 2001 WP_{84}	17.4	X	213.21770	219.04661	218.03346	4.37287	0.1574544	0.23250807	2.6192524	21	7 3.1	21.6
270313 2001 XJ	16.2	X	192.54289	73.92924	25.36692	28.27868	0.3599545	0.22862219	2.6488486	21	7 12.1	21.8
270314 2001 XY_{8}	17.2	X	220.29071	106.83685	14.86419	4.73434	0.2299905	0.23611846	2.5924841	21	9 1.6	21.5
270315 2001 XV_{12}	15.5	X	24.31534	220.15808	298.36177	12.80807	0.1444553	0.21363036	2.7713672	21	2 17.1	18.6
270316 2001 XG_{15}	15.9	X	246.65886	118.09814	334.78796	14.32947	0.1242548	0.23761584	2.5815812	21	9 1.8	19.6
270317 2001 XO_{19}	16.6	X	182.43792	15.64090	34.21067	5.42508	0.1798192	0.22308528	2.6924983	21	5 1.6	21.0
270318 2001 XD_{29}	15.6	X	303.14120	284.68525	127.89689	12.80261	0.2097409	0.23912140	2.5707337	21	9 23.4	18.3
270319 2001 XJ_{32}	17.4	X	254.14654	155.35972	245.79585	3.12432	0.1963364	0.23477743	2.6023467	21	6 25.0	21.1
270320 2001 XS_{38}	16.7	X	197.77667	88.19025	44.76072	12.83980	0.2816938	0.23302345	2.6153890	21	8 30.0	21.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270321 2001 XT_{39}	16.2	X	195.21895	199.97963	295.60928	12.95797	0.1861772	0.23374168	2.6100287	21	8 23.9	20.7
270322 2001 XB_{60}	16.4	X	265.96804	336.86609	93.95288	13.94926	0.2097424	0.23699297	2.5861025	21	8 19.9	20.1
270323 2001 XU_{90}	17.6	X	243.23274	109.47439	338.30794	1.54600	0.2149137	0.23696503	2.5863058	21	8 11.7	21.6
270324 2001 XV_{96}	16.1	X	331.53454	85.25270	276.52353	6.31137	0.3221513	0.24245488	2.5471162	21	8 16.8	17.5
270325 2001 XC_{104}	17.3	X	209.69351	80.54393	82.88693	6.49512	0.1797123	0.33995294	2.0332472	21	10 30.9	19.9
270326 2001 XU_{109}	15.2	X	171.52386	331.23328	87.52805	10.51453	0.0858952	0.17543254	3.1603070	21	5 6.0	20.1
270327 2001 XK_{113}	16.8	X	219.39392	356.11238	108.98409	5.71285	0.1920878	0.23450593	2.6043549	21	8 13.3	21.0
270328 2001 XG_{116}	16.3	X	302.60886	357.42610	73.31778	7.57026	0.2031983	0.24077353	2.5589604	21	10 19.6	18.8
270329 2001 XU_{116}	16.0	X	198.80489	247.08473	296.10434	14.15423	0.0479705	0.24204011	2.5500253	21	11 7.4	19.9
270330 2001 XS_{121}	16.3	X	208.85594	72.07103	235.72544	11.14750	0.2445760	0.26873804	2.3782086	21	1 15.0	20.6
270331 2001 XX_{134}	16.5	X	196.34683	235.78758	253.64575	11.39503	0.1005021	0.23494596	2.6011021	21	8 20.8	20.7
270332 2001 XD_{155}	16.4	X	324.80546	248.27106	138.50489	3.09352	0.2359728	0.24160687	2.5530728	21	9 25.9	18.1
270333 2001 XT_{169}	15.4	X	45.18314	89.15716	256.37231	10.81104	0.2153806	0.24692014	2.5163152	21	12 29.9	18.9
270334 2001 XU_{172}	17.0	X	190.93547	217.32356	249.73959	4.76806	0.2724266	0.22930094	2.6436188	21	7 17.2	21.7
270335 2001 XW_{180}	16.0	X	154.66235	265.15531	274.61367	13.49539	0.1710311	0.23151683	2.6267233	21	9 9.3	20.6
270336 2001 XH_{183}	16.7	X	200.18567	249.71097	249.35025	1.52012	0.1312678	0.23329418	2.6133653	21	9 9.1	20.7
270337 2001 XU_{185}	16.7	X	285.72134	309.56363	110.69634	5.11242	0.1828238	0.23806464	2.5783356	21	9 4.8	19.7
270338 2001 XZ_{194}	16.8	X	234.38105	139.42999	268.87781	5.56942	0.3000556	0.22986885	2.6392628	21	6 7.0	21.3
270339 2001 XN_{195}	16.4	X	174.61976	40.40203	111.31465	13.68994	0.1793050	0.22991975	2.6388732	21	9 3.6	20.9
270340 2001 XM_{211}	16.6	X	284.10139	289.96109	142.77085	5.13830	0.2357884	0.23962768	2.5671115	21	9 10.1	19.6
270341 2001 XG_{219}	16.3	X	44.62846	290.20773	47.05833	2.49502	0.1044262	0.24787827	2.5098268	21	12 3.5	19.4
270342 2001 XP_{219}	16.4	X	320.78662	352.65599	55.78389	15.56055	0.0898424	0.24446715	2.5331197	21	11 1.3	19.3
270343 2001 XG_{220}	16.2	X	11.26132	245.74956	255.14078	7.53597	0.1000804	0.21207579	2.7848939	21	1 8.3	19.5
270344 2001 XP_{223}	17.2	X	317.15088	351.67817	36.79387	5.91087	0.1774147	0.24150118	2.5538176	21	9 18.1	19.6
270345 2001 XU_{223}	17.1	X	193.27005	94.95024	62.73798	12.27475	0.2091103	0.23770651	2.5809247	21	9 29.1	21.6
270346 2001 XC_{249}	16.8	X	348.12808	282.58034	102.49729	3.62565	0.1990137	0.24227182	2.5483992	21	11 20.8	19.0
270347 2001 XX_{252}	16.9	X	182.68134	359.07402	115.60013	5.50927	0.3006242	0.22791979	2.6542879	21	7 21.1	21.8
270348 2001 XZ_{262}	16.3	X	169.21313	235.85364	275.54498	11.60112	0.0287774	0.23229923	2.6208221	21	8 20.4	20.2
270349 2001 XE_{267}	16.1	X	330.68492	313.47333	64.59881	14.69670	0.1480586	0.23787484	2.5797069	21	10 8.5	18.9
270350 2001 YX_{4}	15.9	X	280.87279	27.42762	62.28644	22.82693	0.1038833	0.23925043	2.5698093	21	10 28.3	19.3
270351 2001 YM_{20}	16.6	X	335.39845	171.87825	247.27464	2.05444	0.0497022	0.24818925	2.5077298	21	12 6.6	19.5
270352 2001 YR_{23}	16.6	X	236.97986	214.51322	265.33836	6.89636	0.1442906	0.23984435	2.5655652	21	9 20.3	20.5
270353 2001 YB_{40}	16.0	X	343.96686	74.71421	297.44491	5.24650	0.1672802	0.24234403	2.5478929	21	10 16.2	18.4
270354 2001 YX_{40}	16.9	X	270.04566	154.54499	289.30673	3.21937	0.1549255	0.23936020	2.5690236	21	9 15.1	20.1
270355 2001 YD_{45}	16.6	X	303.36363	30.78331	53.21295	3.78129	0.1070686	0.24423685	2.5347118	21	11 17.2	19.3
270356 2001 YU_{49}	14.5	X	169.32114	170.57508	285.86194	7.57569	0.2421639	0.12527807	3.9556635	21	6 20.0	21.1
270357 2001 YA_{51}	16.6	X	175.82862	275.24330	288.84815	4.15879	0.0924839	0.24153176	2.5536020	21	11 7.4	20.4
270358 2001 YN_{54}	15.9	X	166.50859	157.53791	282.18044	2.87803	0.2786972	0.12453880	3.9713022	21	5 30.4	22.6
270359 2001 YU_{62}	16.5	X	270.33884	109.13510	316.88722	3.69849	0.2411532	0.23697572	2.5862281	21	8 10.1	20.0
270360 2001 YS_{73}	16.6	X	267.22486	330.31459	96.99126	6.03636	0.1761296	0.23547425	2.5972102	21	8 19.6	20.1
270361 2001 YK_{86}	16.6	X	226.13810	14.72042	102.14204	7.85203	0.1419166	0.23425081	2.6062455	21	9 11.5	20.6
270362 2001 YL_{91}	15.9	X	184.52659	166.77537	292.93579	12.98012	0.2045320	0.22682019	2.6628595	21	7 5.4	20.3
270363 2001 YQ_{98}	17.3	X	247.89009	9.35734	94.44292	5.70638	0.1799404	0.23838279	2.5760411	21	9 14.1	20.9
270364 2001 YY_{105}	15.8	X	25.74599	235.08661	111.67871	10.77788	0.2789111	0.24438406	2.5336938	21	12 17.8	18.9
270365 2001 YU_{117}	15.8	X	269.51085	302.75997	95.00308	10.07402	0.1918643	0.23198843	2.6231623	21	7 9.1	19.4
270366 2001 YN_{126}	16.1	X	199.98516	9.64429	81.14791	23.06697	0.1400610	0.22965791	2.6408786	21	7 8.3	20.4
270367 2001 YQ_{127}	16.8	X	308.21883	349.59435	63.93021	6.82625	0.2547194	0.24113471	2.5564044	21	9 27.9	19.0
270368 2001 YC_{130}	17.1	X	258.48927	52.58756	13.74397	3.98632	0.2771663	0.23516117	2.5995149	21	7 24.2	21.1
270369 2001 YY_{138}	17.6	X	132.09487	73.23707	77.28828	5.85652	0.2529593	0.22371679	2.6874290	21	7 27.4	22.1
270370 2001 YF_{139}	16.4	X	196.19001	332.62272	125.21423	11.55003	0.1527739	0.22780738	2.6551610	21	7 13.7	20.7
270371 2001 YR_{159}	16.2	X	47.35403	276.64414	57.88970	14.96599	0.0386373	0.24079487	2.5588092	21	11 22.3	19.3
270372 2001 YJ_{160}	16.3	X	339.79986	0.76624	26.78486	15.45368	0.1176562	0.23991196	2.5650832	21	10 29.6	19.0
270373 William	17.2	X	34.30375	359.31782	35.74338	21.10960	0.0810784	0.35116658	1.9897290	21	—	—
270374 2002 AB_{12}	16.2	X	253.46866	102.08408	318.66212	5.48738	0.1528126	0.23197013	2.6233003	21	7 26.4	19.8
270375 2002 AD_{25}	16.7	X	251.07564	289.45685	164.93254	4.77770	0.2333431	0.23515897	2.5995311	21	8 25.7	20.4
270376 2002 AM_{42}	15.8	X	192.83741	81.91145	132.31693	4.88945	0.1789571	0.24155726	2.5534223	21	12 3.1	19.8
270377 2002 AP_{45}	17.1	X	162.09717	305.80336	148.33312	4.28760	0.1893968	0.22357911	2.6885321	21	6 8.8	21.5
270378 2002 AQ_{53}	16.9	X	195.93348	344.97989	122.70629	7.47258	0.1015908	0.22971642	2.6404302	21	7 28.4	20.8
270379 2002 AW_{55}	16.8	X	208.40072	234.79168	296.74292	5.84448	0.0516893	0.23867035	2.5739715	21	11 5.4	20.4
270380 2002 AH_{56}	16.6	X	152.45130	328.76835	135.67619	9.06350	0.1359960	0.22249061	2.6972938	21	6 10.8	20.9
270381 2002 AK_{61}	16.2	X	151.87275	51.73134	142.10488	13.08173	0.1374458	0.23026991	2.6361974	21	10 5.2	20.5
270382 2002 AA_{81}	16.9	X	187.33014	6.13380	118.83870	8.74861	0.2989116	0.23062706	2.6334750	21	8 6.4	21.6
270383 2002 AH_{103}	16.6	X	298.26269	95.03007	312.45994	3.13487	0.1769079	0.23724191	2.5842931	21	9 5.3	19.3
270384 2002 AW_{107}	17.0	X	235.51914	334.44607	113.32860	5.21969	0.1808395	0.23205776	2.6226398	21	8 7.6	20.9
270385 2002 AY_{112}	16.4	X	291.51577	65.27657	334.10394	4.85580	0.2940705	0.23572669	2.5953556	21	7 25.6	19.4
270386 2002 AR_{113}	16.7	X	296.19266	88.35358	304.36671	3.27878	0.3033387	0.23682606	2.5873175	21	7 20.8	19.7
270387 2002 AY_{129}	15.0	X	203.67632	126.37758	47.48719	30.53265	0.2022649	0.23739223	2.5832021	21	10 28.7	19.3
270388 2002 AV_{138}	16.7	X	302.08959	238.63638	165.00479	4.76972	0.2219094	0.23722938	2.5843841	21	8 30.9	19.3
270389 2002 AY_{139}	16.3	X	116.63016	253.69542	103.03342	7.75995	0.1322671	0.26032451	2.4291780	21	—	—
270390 2002 AQ_{141}	16.0	X	296.15730	248.48769	111.99259	11.09763	0.1142799	0.23061087	2.6335983	21	7 6.8	19.1
270391 2002 AH_{143}	17.0	X	207.09994	326.48279	198.57556	1.47246	0.0969326	0.23793069	2.5793033	21	10 23.8	20.5
270392 2002 AT_{147}	16.0	X	221.54720	140.81027	319.30498	11.68715	0.0673072	0.23047965	2.6345978	21	8 18.6	19.7
270393 2002 AP_{156}	17.1	X	218.07648	275.73403	172.49553	3.35397	0.1978713	0.23060473	2.6336450	21	7 19.3	21.4
270394 2002 AC_{160}	17.0	X	282.71222	270.17975	150.91386	5.04768	0.2534604	0.23567988	2.5956993	21	8 17.8	20.1
270395 2002 AB_{164}	16.1	X	247.77044	287.74606	157.60895	7.76108	0.1708189	0.23208833	2.6224095	21	8 17.8	19.8
270396 2002 AF_{188}	15.0	X	208.64847	112.55635	315.35009	1.68696	0.2132419	0.12589538	3.9427224	21	6 16.8	21.3
270397 2002 AV_{188}	17.2	X	213.99567	239.84576	223.44259	2.34685	0.1849363	0.23034255	2.6356431	21	8 4.3	21.3
270398 2002 AE_{189}	16.6	X	181.49377	318.68643	177.67458	13.23722	0.1992440	0.22893014	2.6464726	21	8 14.8	21.1
270399 2002 AP_{189}	15.7	X	100.80054	285.77606	287.01278	26.64866	0.2079639	0.22429238	2.6828293	21	8 26.1	20.4
270400 2002 AH_{190}	16.8	X	131.62797	101.30108	103.52164	13.10900	0.0791889	0.23288682	2.6164118	21	9 28.9	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270401 2002 AM_{190}	16.9	X	295.17263	355.86187	62.21133	4.35055	0.1925495	0.23885075	2.5726753	21	9 16.6	19.6
270402 2002 AV_{193}	16.7	X	162.04025	344.37427	111.18915	6.06020	0.0152372	0.22253071	2.6969698	21	6 2.4	20.4
270403 2002 AF_{198}	16.7	X	279.25421	263.39955	150.27567	6.39204	0.3171010	0.23725814	2.5841753	21	7 23.4	20.4
270404 2002 AZ_{201}	15.9	X	353.33482	326.83665	66.80374	11.14660	0.1837175	0.24366299	2.5386900	21	12 11.2	18.4
270405 2002 AA_{202}	16.9	X	255.42624	217.84735	203.69418	3.28806	0.2832463	0.23314609	2.6144717	21	7 12.5	21.1
270406 2002 AC_{205}	16.2	X	192.43092	150.24465	16.13710	4.24158	0.1744443	0.23532453	2.5983117	21	10 4.4	20.2
270407 2002 BE_{5}	16.1	X	271.61870	47.31908	73.86732	14.76071	0.1551505	0.24080513	2.5587364	21	11 12.9	19.1
270408 2002 BK_{31}	16.6	X	122.14396	321.40277	153.67554	9.65468	0.1317186	0.21785699	2.7354055	21	5 24.2	20.8
270409 2002 CF_{2}	15.6	X	216.91915	263.67250	108.93561	15.80349	0.0460926	0.21780697	2.7358243	21	4 29.3	19.8
270410 2002 CR_{3}	16.9	X	218.79441	94.44076	24.21701	4.89716	0.2000303	0.23144048	2.6273011	21	8 30.0	21.1
270411 2002 CO_{13}	16.1	X	102.28967	56.77024	143.76940	9.61110	0.0617913	0.22567283	2.6718774	21	8 9.8	19.8
270412 2002 CX_{14}	15.9	X	152.18293	124.04180	142.86637	12.41564	0.1638703	0.24103245	2.5571275	21	12 29.9	20.2
270413 2002 CN_{16}	16.4	X	186.47329	202.09434	321.73996	7.79833	0.0921885	0.23521542	2.5991152	21	9 26.2	20.3
270414 2002 CF_{18}	16.3	X	150.74406	195.94072	23.18196	7.92226	0.1491376	0.23415807	2.6069335	21	10 30.5	20.5
270415 2002 CV_{19}	15.6	X	341.05049	32.69291	9.35955	5.06292	0.2824237	0.24271081	2.5453253	21	12 7.9	17.3
270416 2002 CC_{20}	16.5	X	152.42425	128.75926	75.70923	5.43099	0.1352304	0.23174644	2.6249881	21	10 17.1	20.6
270417 2002 CA_{22}	16.5	X	160.30575	351.17575	143.02625	12.53014	0.1380916	0.22467737	2.6797636	21	7 25.0	20.7
270418 2002 CM_{22}	16.1	X	39.08519	243.13598	323.71278	15.14071	0.2573422	0.21414200	2.7669511	21	6 15.5	19.1
270419 2002 CB_{24}	15.4	X	280.94104	116.78876	272.68248	9.32439	0.1426983	0.17933341	3.1143105	21	7 18.1	19.7
270420 2002 CA_{36}	16.8	X	151.38211	225.47183	313.51886	7.00392	0.1100143	0.22953522	2.6418196	21	9 8.9	20.9
270421 2002 CR_{36}	16.9	X	114.47125	128.22094	332.55784	7.16855	0.1800477	0.21614326	2.7498452	21	4 27.6	21.0
270422 2002 CA_{40}	15.5	X	43.68200	47.25569	168.62311	26.08684	0.1515035	0.21710020	2.7417587	21	6 22.5	19.3
270423 2002 CG_{61}	16.6	X	283.80685	330.83280	87.60238	9.68534	0.1685183	0.23434995	2.6055103	21	9 4.1	19.9
270424 2002 CR_{62}	16.0	X	114.44912	151.20936	76.80616	9.98316	0.1924032	0.22836673	2.6508236	21	10 15.6	20.4
270425 2002 CD_{65}	16.4	X	170.84817	155.53620	21.69453	8.32542	0.1466488	0.23127048	2.6285884	21	9 29.9	20.6
270426 2002 CM_{71}	16.4	X	137.88148	210.73576	349.28538	4.23451	0.0794966	0.23034909	2.6355932	21	9 22.3	20.3
270427 2002 CR_{71}	15.5	X	247.80452	158.48470	338.58826	8.10503	0.0383763	0.18774579	3.0205724	21	11 3.1	19.8
270428 2002 CP_{73}	16.7	X	244.75592	91.09012	326.91100	4.25592	0.2499503	0.22992236	2.6388533	21	7 2.3	21.0
270429 2002 CA_{74}	16.1	X	25.05198	216.66583	339.30722	7.25355	0.1567980	0.21275000	2.7790072	21	4 14.3	19.1
270430 2002 CD_{75}	16.3	X	90.69099	147.68175	131.66183	12.80573	0.1809880	0.23330651	2.6132732	21	11 23.6	20.6
270431 2002 CT_{76}	17.2	X	171.03000	1.46150	130.68211	3.14232	0.1520747	0.22600923	2.6692255	21	8 2.7	21.5
270432 2002 CR_{87}	16.5	X	194.00905	149.36500	326.81901	9.24558	0.0710559	0.22735271	2.6586998	21	8 8.6	20.3
270433 2002 CX_{90}	17.2	X	340.85509	13.54100	140.43469	6.86297	0.0505527	0.30275264	2.1965651	21	—	—
270434 2002 CG_{91}	16.6	X	198.32347	336.36708	117.10940	3.98480	0.1357561	0.22499283	2.6772582	21	7 10.9	20.8
270435 2002 CA_{92}	16.3	X	210.05297	107.42918	345.76635	7.15794	0.0923700	0.22576582	2.6711437	21	7 27.2	20.2
270436 2002 CB_{92}	16.8	X	171.41296	337.63582	131.16606	6.19423	0.2367170	0.22392871	2.6857332	21	7 5.3	21.4
270437 2002 CR_{100}	16.0	X	84.04867	21.46825	149.87187	5.65077	0.0963768	0.21673931	2.7448014	21	6 13.2	19.7
270438 2002 CQ_{113}	16.4	X	142.60397	213.01679	330.86284	12.73417	0.1900986	0.22783931	2.6549129	21	9 9.1	20.9
270439 2002 CZ_{115}	15.6	X	137.22589	153.91891	49.10679	27.69476	0.2324523	0.22661120	2.6644964	21	10 14.1	20.5
270440 2002 CJ_{117}	17.0	X	203.78372	80.84566	82.09892	2.00941	0.0883182	0.23539893	2.5977642	21	10 18.7	20.7
270441 2002 CS_{124}	16.7	X	189.69870	308.89348	175.70971	4.00916	0.1579218	0.22760547	2.6567310	21	8 9.8	21.0
270442 2002 CD_{125}	16.4	X	219.03063	291.12887	168.76103	6.58396	0.2062028	0.22953287	2.6418377	21	8 2.8	20.8
270443 2002 CN_{142}	16.8	X	213.86265	110.41475	288.95802	6.30617	0.3465055	0.22696254	2.6617459	21	5 9.7	21.9
270444 2002 CG_{145}	16.3	X	198.39714	331.73784	166.19893	10.71135	0.1719573	0.22919744	2.6444146	21	9 3.7	20.4
270445 2002 CL_{154}	16.0	X	338.68070	150.47241	125.93937	16.19655	0.0784218	0.22054432	2.7131396	21	5 26.4	19.6
270446 2002 CD_{156}	16.2	X	77.47444	214.37548	358.38758	9.52926	0.1416506	0.22224228	2.6993027	21	8 9.5	19.9
270447 2002 CE_{157}	16.1	X	101.88510	100.16974	121.64495	11.10406	0.1509194	0.22676821	2.6632664	21	9 21.6	20.2
270448 2002 CO_{166}	16.0	X	217.52671	121.09262	348.69802	12.50505	0.1085221	0.22937480	2.6430512	21	8 25.7	19.8
270449 2002 CT_{175}	15.9	X	162.53307	249.64337	335.38024	6.82119	0.1481540	0.23844126	2.5756199	21	11 16.7	20.1
270450 2002 CO_{178}	16.6	X	318.12293	42.75739	352.41457	3.84046	0.1923591	0.23751383	2.5823203	21	9 24.9	18.7
270451 2002 CN_{182}	16.9	X	169.73205	133.81355	314.69460	4.31345	0.0905475	0.22158768	2.7046161	21	6 4.6	21.1
270452 2002 CN_{186}	17.1	X	211.83669	343.67430	132.85147	5.17807	0.1701671	0.23038977	2.6352830	21	8 21.5	21.3
270453 2002 CK_{225}	16.5	X	35.48754	81.47577	165.71067	5.46398	0.0645265	0.21832277	2.7315136	21	7 10.4	19.9
270454 2002 CC_{229}	16.6	X	348.28847	114.91281	149.72112	3.71666	0.0218645	0.21894648	2.7263236	21	5 25.0	20.2
270455 2002 CR_{229}	17.5	X	129.37764	4.12142	156.80351	3.78442	0.1374602	0.22189758	2.7020974	21	7 28.1	21.6
270456 2002 CO_{237}	15.9	X	108.99487	65.92264	165.72281	12.59787	0.1226650	0.22550334	2.6732161	21	10 6.6	19.9
270457 2002 CW_{246}	16.6	X	125.32748	76.86831	150.99295	7.05294	0.1644348	0.22794879	2.6540627	21	10 21.3	20.9
270458 2002 CC_{252}	15.8	X	156.57423	31.88534	197.90392	13.14279	0.1312251	0.23617732	2.5920533	21	11 20.6	20.0
270459 2002 CK_{256}	16.0	X	143.59254	130.91194	91.94045	5.22871	0.1766821	0.23297101	2.6157815	21	10 31.7	20.4
270460 2002 CF_{270}	16.6	X	52.63465	258.04877	331.22878	7.68730	0.1316566	0.22007917	2.7169611	21	7 23.9	20.0
270461 2002 CR_{273}	15.5	X	11.05878	221.90302	284.17313	13.81542	0.0895192	0.20443079	2.8538984	21	1 17.3	18.9
270462 2002 CH_{276}	16.7	X	169.17165	129.07869	324.82886	4.37366	0.0777390	0.22054180	2.7131602	21	6 10.7	20.8
270463 2002 CE_{278}	16.6	X	274.68418	208.12910	205.20810	6.62243	0.3164047	0.23454376	2.6040749	21	7 16.8	20.4
270464 2002 CJ_{280}	16.7	X	107.18381	228.02412	291.40023	7.35558	0.2344349	0.21926491	2.7236834	21	7 13.6	21.0
270465 2002 CJ_{285}	16.3	X	22.92399	50.63819	320.40023	4.36415	0.2799263	0.24497730	2.5296018	21	—	—
270466 2002 CG_{287}	16.4	X	25.08408	218.94761	136.03531	13.67877	0.1952244	0.23824768	2.5770149	21	12 14.2	19.7
270467 2002 CZ_{289}	15.9	X	115.55404	150.86592	88.73189	14.86246	0.2133121	0.23095371	2.6309913	21	11 2.4	20.5
270468 2002 CB_{295}	15.8	X	141.81607	180.57761	80.07410	10.44270	0.0900911	0.24012522	2.5635642	21	12 13.2	19.4
270469 2002 CV_{296}	15.4	X	102.36266	246.55160	352.68032	10.26519	0.0414031	0.17707767	3.1407028	21	9 22.2	20.0
270470 2002 CA_{302}	16.8	X	167.60687	17.16435	109.31993	7.07323	0.2057411	0.22510290	2.6763855	21	7 24.3	21.4
270471 2002 CU_{309}	16.7	X	236.35142	268.49637	155.02460	13.49892	0.2577195	0.22994840	2.6386541	21	6 30.6	21.3
270472 Csörgei	16.7	X	195.84719	325.89261	160.22027	10.83898	0.0965959	0.22869684	2.6482721	21	8 20.7	20.7
270473 2002 DV_{4}	15.4	X	16.98273	52.38250	274.33192	8.30453	0.2327073	0.17711885	3.1402160	21	10 10.5	19.1
270474 2002 DG_{14}	16.7	X	267.45335	35.31360	23.42837	2.55112	0.0594144	0.22876060	2.6477800	21	8 25.2	20.0
270475 2002 DD_{17}	16.0	X	133.43611	97.03429	85.33539	12.72504	0.1505186	0.22474990	2.6791871	21	9 5.1	20.5
270476 2002 DU_{19}	16.3	X	103.53714	93.83079	180.56350	10.86797	0.1224781	0.23389163	2.6089130	21	11 23.6	20.4
270477 2002 EK_{5}	16.6	X	86.81440	151.01142	348.05922	5.48615	0.0138784	0.21448980	2.7639592	21	4 19.6	20.3
270478 2002 EM_{21}	17.0	X	143.85110	103.22759	70.10104	4.12662	0.2548538	0.22456090	2.6806902	21	9 3.7	21.7
270479 2002 EG_{42}	17.1	X	162.50755	307.53634	170.07357	9.18092	0.2677080	0.22361877	2.6882142	21	7 9.2	22.0
270480 2002 ER_{45}	16.4	X	130.06028	125.20151	81.15197	6.12954	0.0819997	0.22720133	2.6598806	21	9 25.5	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270481 2002 EJ_{52}	16.6	X	162.56644	311.10667	156.49089	16.89289	0.2491565	0.22252907	2.6969831	21	6 27.9	21.6
270482 2002 ER_{56}	16.5	X	143.21316	206.06478	302.93700	4.32101	0.1440500	0.22296387	2.6934756	21	7 27.9	20.6
270483 2002 EE_{63}	16.0	X	295.55440	290.06260	173.61306	9.82662	0.0334854	0.18614299	3.0378869	21	11 27.7	20.3
270484 2002 EQ_{68}	16.1	X	31.82104	217.35803	355.87256	9.16385	0.0866964	0.21278373	2.7787135	21	5 17.5	19.6
270485 2002 ET_{68}	16.1	X	65.03723	268.25422	357.19171	10.95992	0.1615109	0.22284546	2.6944297	21	9 30.6	19.8
270486 2002 EH_{75}	15.7	X	88.19575	141.94869	156.03779	28.25488	0.0691548	0.23718058	2.5847386	21	12 5.2	20.0
270487 2002 EH_{83}	16.6	X	118.75015	346.38010	188.73903	7.61638	0.1398566	0.22007827	2.7169685	21	8 2.9	20.9
270488 2002 EJ_{84}	16.0	X	125.60732	106.34011	163.04279	11.18051	0.1634824	0.23327108	2.6135378	21	12 9.8	20.4
270489 2002 EJ_{93}	16.5	X	198.65357	108.37835	353.02748	11.40896	0.1611708	0.22586915	2.6703290	21	7 23.9	21.0
270490 2002 EZ_{113}	16.9	X	117.10132	339.53754	106.85508	1.79696	0.1301315	0.21092178	2.7950426	21	4 10.3	20.8
270491 2002 ET_{115}	16.5	X	72.44181	140.80509	57.75533	7.20794	0.1834112	0.21604807	2.7506529	21	7 18.7	20.2
270492 2002 EQ_{131}	16.8	X	21.65316	113.66463	169.17957	6.31577	0.0128032	0.22202512	2.7010625	21	8 3.2	20.5
270493 2002 ER_{132}	16.0	X	28.72347	289.14313	8.91871	10.15770	0.0425846	0.22435653	2.6823179	21	9 10.2	19.4
270494 2002 ET_{132}	16.6	X	93.28540	56.06768	170.05593	8.92863	0.1407478	0.22395915	2.6854898	21	9 11.9	20.5
270495 2002 ED_{136}	16.4	X	53.54612	285.04460	357.39743	6.27028	0.1248062	0.22537566	2.6742256	21	10 3.1	19.7
270496 2002 EU_{136}	16.4	X	188.65920	111.01739	1.02185	8.75220	0.1018717	0.22367239	2.6877846	21	7 28.9	20.6
270497 2002 EK_{137}	17.1	X	129.18627	346.07777	150.39524	3.41312	0.1897674	0.21905026	2.7254624	21	7 1.3	21.4
270498 2002 ES_{142}	16.5	X	50.80780	221.25209	25.16447	4.46190	0.2268454	0.21850982	2.7299545	21	8 30.0	19.8
270499 2002 EY_{146}	16.4	X	270.23401	155.37559	161.07115	6.70604	0.0083660	0.21266467	2.7797505	21	4 21.9	20.2
270500 2002 EY_{149}	16.9	X	111.81647	133.50141	16.53170	3.52261	0.1347368	0.21705515	2.7421381	21	6 24.9	21.0
270501 2002 EV_{155}	16.2	X	93.40473	211.42743	26.91231	4.36483	0.1239898	0.22404807	2.6847792	21	9 26.9	20.0
270502 2002 ES_{159}	16.4	X	157.72929	62.84502	111.83167	3.94770	0.0859424	0.22678368	2.6631452	21	9 13.6	20.3
270503 2002 EA_{161}	16.6	X	146.47574	334.21603	224.73432	2.65181	0.0727752	0.22741195	2.6582380	21	9 29.5	20.5
270504 2002 EY_{161}	13.7	X	268.77222	13.88229	117.99728	9.51105	0.0255682	0.08431415	5.1507335	21	11 14.0	20.6
270505 2002 ED_{163}	16.9	X	200.10104	93.53386	6.88391	10.42672	0.2613977	0.22634663	2.6665723	21	7 19.8	21.7
270506 2002 FP_{2}	17.2	X	253.69391	25.62739	179.37401	4.84795	0.1058758	0.29312090	2.2444238	21	—	—
270507 2002 FL_{9}	16.0	X	132.97352	11.49274	189.40685	13.79286	0.1789989	0.22515890	2.6759416	21	9 22.5	20.5
270508 2002 FF_{25}	15.6	X	139.74403	196.17240	63.88268	16.82965	0.1313622	0.23572692	2.5953540	21	12 8.7	19.7
270509 2002 FQ_{26}	16.6	X	159.70657	175.33565	15.56463	13.79884	0.1792069	0.23082405	2.6319765	21	10 5.5	20.8
270510 2002 FF_{27}	16.2	X	188.46185	7.33405	138.69908	14.98519	0.1018738	0.22869881	2.6482569	21	9 10.6	20.3
270511 2002 FA_{29}	16.1	X	117.28436	10.73827	135.70936	10.36047	0.1795048	0.21718538	2.7410418	21	7 1.4	20.4
270512 2002 FD_{30}	16.3	X	172.80280	112.56483	39.72811	13.08275	0.1264001	0.22715239	2.6602626	21	9 6.0	20.7
270513 2002 FF_{32}	16.0	X	182.07234	118.39368	14.91567	11.82841	0.1395455	0.22567701	2.6718444	21	8 19.9	20.4
270514 2002 FP_{38}	16.2	X	164.98953	91.12504	32.69310	9.04582	0.1947912	0.22255487	2.6967746	21	7 20.4	20.8
270515 2002 GJ_{23}	16.0	X	153.36699	312.89288	195.56983	14.42987	0.1081922	0.22036889	2.7145793	21	8 1.2	20.5
270516 2002 GZ_{25}	16.7	X	78.21843	125.28369	149.77233	2.62205	0.1702389	0.22526002	2.6751408	21	10 31.9	20.7
270517 2002 GS_{26}	15.7	X	152.33799	122.30169	64.05564	19.10212	0.1149472	0.22495726	2.6775404	21	10 2.5	20.2
270518 2002 GW_{26}	16.3	X	86.58952	77.52331	198.95502	12.03004	0.2538489	0.22410490	2.6843253	21	11 19.4	20.7
270519 2002 GN_{30}	16.0	X	130.60921	89.01627	62.93967	5.55929	0.0975212	0.21816796	2.7328056	21	7 15.6	20.0
270520 2002 GC_{41}	16.5	X	150.95922	113.75621	19.79856	9.14777	0.0780139	0.21837096	2.7311117	21	7 14.3	20.7
270521 2002 GY_{43}	16.0	X	64.42058	50.86779	201.87811	11.47247	0.2162655	0.21895180	2.7262794	21	9 20.4	19.9
270522 2002 GY_{47}	15.9	X	277.97076	5.30790	7.77078	6.46566	0.0312056	0.21851355	2.7299235	21	7 12.6	19.7
270523 2002 GL_{49}	16.1	X	74.16528	305.26518	277.10255	9.07227	0.2427923	0.21902808	2.7256464	21	8 25.1	20.1
270524 2002 GH_{62}	16.2	X	137.98687	314.46864	202.35160	13.93814	0.1061826	0.21848609	2.7301522	21	7 26.3	20.6
270525 2002 GJ_{67}	16.0	X	343.20801	235.16468	43.94611	7.68129	0.1392437	0.21107023	2.7937319	21	5 26.7	19.0
270526 2002 GC_{69}	16.4	X	163.03270	91.06742	40.64276	5.51047	0.0607297	0.21945135	2.7221405	21	7 24.7	20.5
270527 2002 GP_{69}	16.6	X	49.63556	70.26048	184.41671	8.97304	0.1715590	0.21679662	2.7443177	21	8 26.4	20.0
270528 2002 GC_{70}	16.4	X	147.47698	49.95622	80.92380	4.25518	0.2773221	0.21927562	2.7235947	21	7 15.8	21.1
270529 2002 GO_{75}	16.2	X	59.91971	104.27686	167.33193	13.57142	0.1515618	0.22076221	2.7113540	21	10 3.9	19.8
270530 2002 GT_{79}	16.2	X	63.43560	133.71586	76.92117	15.44312	0.1017903	0.21567191	2.7538503	21	7 7.9	19.8
270531 2002 GU_{81}	16.2	X	15.07203	184.58622	69.01439	5.31861	0.1565093	0.21225714	2.7833074	21	6 22.0	19.1
270532 2002 GL_{82}	15.8	X	143.48320	329.11650	182.15206	14.98739	0.0305695	0.21819709	2.7325623	21	7 20.9	19.9
270533 2002 GU_{86}	15.7	X	91.85590	102.76346	128.89829	14.74480	0.1149672	0.22153995	2.7050046	21	9 18.5	19.7
270534 2002 GV_{88}	15.8	X	120.64262	28.96330	131.80592	12.46961	0.0936262	0.21502435	2.7593765	21	7 14.1	19.9
270535 2002 GJ_{92}	16.0	X	13.80214	124.68118	198.50451	6.49108	0.1556626	0.22258233	2.6965528	21	10 1.0	18.9
270536 2002 GO_{99}	16.4	X	332.13839	86.48371	207.73006	5.26081	0.0531658	0.21350206	2.7724773	21	6 8.2	19.9
270537 2002 GN_{101}	16.1	X	184.39574	286.08334	197.15274	8.10168	0.1649478	0.22250714	2.6971602	21	8 1.4	20.7
270538 2002 GX_{113}	16.3	X	161.36159	69.70048	87.47652	6.96895	0.0994297	0.22343253	2.6897078	21	8 27.3	20.4
270539 2002 GE_{114}	15.7	X	71.57296	231.95711	33.36782	14.39819	0.1435438	0.22330887	2.6907007	21	10 10.6	19.5
270540 2002 GV_{118}	15.4	X	108.46587	341.68789	46.11191	10.26112	0.0931693	0.19809942	2.9143872	21	1 14.4	19.5
270541 2002 GY_{122}	16.7	X	102.32473	86.22772	97.35819	3.31587	0.1402786	0.21769981	2.7367220	21	7 29.1	20.6
270542 2002 GU_{125}	17.5	X	298.06081	296.55796	343.17514	3.41244	0.1432393	0.30889194	2.1673630	21	3 5.3	20.2
270543 2002 GY_{128}	15.9	X	6.73292	87.35548	201.92781	7.84402	0.0972531	0.21752572	2.7381820	21	7 23.8	19.3
270544 2002 GO_{134}	16.1	X	128.78345	300.46751	206.56143	12.10813	0.0750514	0.21709656	2.7417894	21	7 2.3	20.3
270545 2002 GT_{136}	16.0	X	277.76757	223.77009	201.81285	12.52851	0.1225161	0.22611142	2.6684212	21	9 3.3	19.5
270546 2002 GY_{139}	16.5	X	301.75522	203.45107	35.45634	2.20424	0.0516845	0.20145656	2.8819191	21	2 16.3	20.3
270547 2002 GD_{154}	16.2	X	86.26906	112.10798	98.64475	10.00913	0.1796068	0.21628104	2.7486773	21	8 22.6	20.3
270548 2002 GC_{161}	16.4	X	108.57667	80.63926	115.96910	8.49301	0.1891262	0.21934719	2.7230022	21	8 28.8	20.6
270549 2002 GF_{163}	16.5	X	160.75480	101.73747	42.43068	7.61864	0.1867264	0.22181122	2.7027988	21	8 11.9	21.1
270550 2002 GV_{165}	16.4	X	347.04873	85.00215	123.22702	2.95068	0.1849063	0.20442683	2.8539353	21	2 20.6	19.6
270551 2002 GV_{166}	15.6	X	270.95659	318.96144	36.36271	10.76355	0.1915290	0.21095544	2.7947453	21	5 14.8	19.9
270552 2002 GW_{172}	16.4	X	109.85035	23.34891	167.46294	12.43944	0.1210514	0.21870916	2.7282954	21	8 11.7	20.6
270553 Loureed	16.0	X	237.29259	9.22303	41.79872	6.73539	0.0126835	0.21595616	2.7514333	21	7 11.7	19.8
270554 2002 GP_{179}	15.9	X	25.07467	153.12005	99.62606	13.50130	0.1242982	0.21403625	2.7678624	21	7 7.8	18.9
270555 2002 GC_{180}	16.6	X	80.09676	76.82874	167.06515	2.14267	0.0344942	0.22100755	2.7093471	21	9 3.9	20.0
270556 Kolonica	16.8	X	89.62676	180.03329	46.27101	3.26935	0.1272502	0.21942351	2.7223708	21	9 7.6	20.6
270557 2002 GS_{183}	16.7	X	72.59865	196.00362	45.92553	4.62944	0.0183054	0.21969247	2.7201484	21	8 22.1	20.4
270558 2002 GB_{185}	16.4	X	98.00306	119.41972	30.43212	11.98862	0.1192981	0.21219386	2.7838607	21	6 3.7	20.4
270559 2002 GY_{185}	15.7	X	174.52849	167.96260	22.16993	5.93221	0.0765751	0.17703351	3.1412251	21	10 14.4	20.3
270560 2002 GL_{187}	16.1	X	264.40944	176.57979	187.30959	11.36356	0.0994359	0.21383807	2.7695722	21	6 2.0	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270561 2002 GF_{188}	16.1	X	290.78203	326.30552	57.40544	7.13368	0.0502829	0.22313178	2.6921242	21	8 13.2	19.7
270562 2002 GC_{189}	16.2	X	331.68643	257.19466	51.38454	5.04720	0.0600149	0.21455730	2.7633794	21	6 26.4	19.6
270563 2002 HS_{7}	15.8	X	320.82926	259.10217	52.31862	8.13962	0.2160339	0.21018704	2.8015525	21	5 21.8	19.0
270564 2002 HU_{9}	16.2	X	122.19799	88.24474	44.03812	4.10764	0.1638195	0.21499145	2.7596580	21	6 16.5	20.3
270565 2002 HO_{12}	15.8	X	54.26223	146.25461	87.30394	18.98006	0.1764501	0.21666513	2.7454279	21	8 11.2	19.5
270566 2002 JD_{7}	16.1	X	35.36699	123.88098	109.79521	5.27765	0.1480679	0.21201744	2.7854048	21	7 1.5	19.2
270567 2002 JF_{16}	15.4	X	144.72943	187.36735	29.45096	16.65042	0.1821585	0.17501150	3.1653737	21	10 19.2	20.7
270568 2002 JR_{17}	16.6	X	105.22464	186.13863	16.75189	2.36221	0.1230571	0.21836215	2.7311851	21	8 24.9	20.5
270569 2002 JH_{41}	16.1	X	93.64345	170.14297	25.50895	3.72216	0.1264115	0.21695969	2.7429424	21	8 2.7	20.0
270570 2002 JV_{41}	16.1	X	53.94607	247.28503	28.97743	10.75378	0.1047512	0.22091471	2.7101061	21	9 26.2	19.6
270571 2002 JS_{68}	15.4	X	118.96680	156.23206	51.80011	15.59499	0.1243737	0.22362258	2.6881837	21	9 23.6	19.8
270572 2002 JC_{69}	16.3	X	131.09782	61.39605	100.87702	8.92792	0.2421561	0.21964507	2.7205398	21	8 9.9	20.9
270573 2002 JD_{76}	15.9	X	167.46382	304.26011	207.29640	12.10913	0.0997145	0.22302857	2.6929547	21	8 19.5	20.2
270574 2002 JL_{77}	16.9	X	218.29963	201.03402	24.85013	6.61165	0.0734482	0.29024897	2.2592048	21	—	—
270575 2002 JY_{78}	17.1	X	124.73139	24.29970	243.81730	5.03461	0.1458568	0.28100142	2.3085026	21	12 12.6	20.4
270576 2002 JQ_{81}	16.4	X	31.09150	208.89088	22.72807	10.30047	0.1694226	0.21188750	2.7865435	21	6 22.6	19.6
270577 2002 JD_{89}	17.7	X	262.71156	249.97489	41.08870	5.94025	0.1800127	0.30174070	2.2014735	21	2 9.9	21.0
270578 2002 JE_{91}	16.4	X	93.06556	274.33811	233.41292	5.34553	0.2468434	0.21136978	2.7910918	21	6 15.2	20.4
270579 2002 JM_{99}	15.7	X	116.21060	67.58218	139.88341	13.98805	0.1375939	0.22109209	2.7086564	21	9 15.3	19.9
270580 2002 JR_{113}	15.8	X	50.56444	325.12472	248.36560	12.54093	0.1271322	0.21279290	2.7786337	21	6 24.9	19.3
270581 2002 JT_{115}	16.4	X	29.63874	211.63956	64.78383	16.06735	0.1614419	0.21493779	2.7601172	21	9 2.6	19.9
270582 2002 JY_{144}	15.5	X	96.74681	32.78785	146.48630	14.46952	0.0689026	0.21282963	2.7783140	21	7 5.9	19.5
270583 2002 JK_{145}	16.5	X	68.25230	205.77111	76.83669	9.31621	0.2306131	0.22036550	2.7146071	21	11 7.7	20.5
270584 2002 JG_{150}	16.7	X	47.90171	170.05540	105.03653	4.16631	0.1321866	0.21843511	2.7305770	21	9 18.7	20.1
270585 2002 KM	16.5	X	9.92746	106.13476	176.63473	19.79859	0.2921677	0.20998989	2.8033057	21	8 2.9	19.1
270586 2002 KA_{3}	16.3	X	90.18483	338.74288	222.41163	12.35298	0.1423920	0.21607377	2.7504347	21	8 2.0	20.5
270587 2002 LJ_{1}	16.1	X	353.56017	86.50564	215.12474	6.80869	0.2090901	0.21126202	2.7920408	21	7 16.8	18.7
270588 2002 LA_{6}	17.0	X	109.02737	28.55811	292.46881	6.10343	0.3535696	0.27646746	2.3336732	21	—	—
270589 2002 LN_{8}	16.0	X	226.63339	196.93339	86.68496	8.15734	0.2272301	0.19023525	2.9941627	21	1 13.2	21.2
270590 2002 LP_{22}	16.0	X	77.18631	127.61573	63.08517	16.45831	0.1262209	0.21088039	2.7954083	21	7 3.9	19.9
270591 2002 LN_{42}	16.4	X	348.41286	129.87719	183.93571	7.95797	0.2279080	0.21022289	2.8012340	21	7 22.5	19.0
270592 2002 LP_{48}	15.4	X	329.52574	145.07950	209.14236	13.45785	0.1790916	0.21396092	2.7685120	21	8 11.1	18.6
270593 2002 LO_{49}	15.7	X	126.74378	82.25920	81.15717	12.85349	0.0883131	0.21512140	2.7585465	21	7 26.1	19.9
270594 2002 LQ_{51}	16.3	X	18.96048	101.34080	191.70327	7.94968	0.2534699	0.21369889	2.7707746	21	9 8.5	18.9
270595 2002 LZ_{61}	17.7	X	249.52053	120.88377	187.05874	5.14668	0.1833707	0.30049059	2.2075750	21	2 15.1	21.0
270596 2002 NS_{15}	15.4	X	148.01379	300.24030	56.57340	5.51634	0.2635834	0.18252634	3.0778847	21	2 10.5	20.6
270597 2002 NK_{29}	15.7	X	239.15740	339.62994	298.84317	5.61137	0.1895159	0.18765216	3.0215770	21	1 18.0	20.6
270598 2002 NS_{35}	17.3	X	12.21002	124.18512	178.55111	5.66425	0.1748646	0.31327130	2.1471167	21	9 13.0	18.5
270599 2002 NK_{36}	15.2	X	278.37903	28.37823	247.23986	8.02305	0.0625505	0.19256100	2.9700049	21	2 28.3	19.6
270600 2002 NC_{47}	16.0	X	307.23100	231.33334	86.99396	12.11391	0.1939284	0.20276712	2.8694876	21	5 17.1	19.7
270601 Frauenstein	16.5	X	339.83042	189.66638	114.09871	3.55878	0.1991879	0.20484919	2.8500111	21	6 20.6	19.3
270602 2002 NH_{59}	15.4	X	250.27156	171.89777	109.89402	11.11185	0.0764866	0.18983113	2.9984105	21	2 8.9	19.9
270603 2002 NZ_{60}	17.5	X	191.11798	32.81470	301.80221	5.81089	0.2375519	0.29085497	2.2560656	21	2 1.6	21.2
270604 2002 NL_{65}	15.9	X	150.21432	58.44211	321.25855	3.74383	0.1928379	0.18590221	3.0405094	21	3 1.9	20.8
270605 2002 NF_{66}	17.6	X	43.62867	262.77590	328.58373	2.22962	0.0895571	0.30980858	2.1630859	21	7 4.9	19.6
270606 2002 NF_{68}	15.6	X	163.26797	197.80085	159.82787	13.16232	0.1342451	0.18538097	3.0462061	21	2 11.6	20.4
270607 2002 NO_{68}	16.1	X	185.36219	263.59543	123.59092	10.95297	0.0897081	0.19433286	2.9519243	21	4 11.9	20.8
270608 2002 NP_{74}	15.7	X	214.61076	179.65233	184.61975	9.44035	0.0812325	0.19320394	2.9634122	21	4 10.5	20.1
270609 2002 NR_{74}	17.8	X	260.18740	352.60670	304.66754	2.05775	0.0999306	0.29649722	2.2273525	21	2 18.8	20.7
270610 2002 OS_{19}	15.5	X	110.54602	215.42254	159.50971	19.51354	0.1842804	0.17966036	3.1105310	21	1 15.4	20.2
270611 2002 OO_{22}	15.9	X	210.11667	23.56371	303.55636	7.31309	0.1245453	0.18664516	3.0324354	21	2 17.9	20.7
270612 2002 OK_{24}	15.2	X	148.82851	354.28726	313.59946	17.13077	0.2280804	0.17559833	3.1583176	21	—	—
270613 2002 OY_{29}	16.8	X	226.14385	130.93173	167.05208	2.95691	0.2224350	0.18757807	3.0223726	21	1 28.4	21.9
270614 2002 OX_{30}	16.4	X	289.77134	86.34199	213.67730	7.70961	0.1976419	0.19635815	2.9315914	21	3 27.7	20.6
270615 2002 OY_{34}	15.5	X	33.05403	278.03217	131.65436	16.30889	0.0433463	0.17444600	3.1722108	21	—	—
270616 2002 PC_{3}	15.5	X	160.24735	173.02213	175.68219	18.45446	0.2990116	0.18130925	3.0916435	21	2 8.5	21.1
270617 2002 PA_{9}	16.4	X	250.70510	25.12197	251.37005	4.63274	0.1903885	0.18878177	3.0095116	21	1 23.9	21.5
270618 2002 PL_{23}	17.8	X	272.47312	156.15183	180.28301	3.55740	0.1748763	0.30229040	2.1988038	21	4 19.3	20.6
270619 2002 PM_{26}	15.4	X	209.15177	151.41231	152.09652	9.57604	0.1148560	0.18483256	3.0522286	21	1 21.9	20.3
270620 2002 PD_{27}	17.5	X	168.06197	187.88088	142.35709	6.02331	0.1392967	0.28633388	2.2797518	21	—	—
270621 2002 PE_{27}	15.8	X	141.71886	206.77119	142.35757	7.99333	0.1487843	0.18006701	3.1058462	21	1 14.6	20.6
270622 2002 PK_{28}	17.2	X	337.92525	125.49356	154.94842	7.25759	0.0439233	0.30458668	2.1877387	21	5 25.8	19.6
270623 2002 PF_{29}	15.8	X	159.75492	217.15372	144.98606	11.28044	0.1054257	0.18468657	3.0538369	21	2 12.3	20.5
270624 2002 PU_{29}	15.5	X	175.03884	186.68704	144.44714	9.17269	0.0710931	0.18302478	3.0722941	21	1 19.8	20.1
270625 2002 PO_{30}	15.3	X	114.26143	234.36480	149.15186	9.80002	0.0796370	0.18099534	3.0952172	21	1 15.7	19.8
270626 2002 PA_{34}	15.5	X	147.14736	15.15896	333.33294	11.48134	0.1862683	0.17921566	3.1156745	21	1 25.5	20.5
270627 2002 PE_{34}	16.8	X	299.98977	337.79132	319.31734	7.25046	0.1664176	0.30196625	2.2003771	21	3 26.1	19.7
270628 2002 PU_{34}	17.4	X	37.45055	252.18616	297.58196	6.97176	0.0979791	0.30044704	2.2077883	21	4 11.7	19.6
270629 2002 PB_{35}	15.9	X	296.94508	99.01726	160.35195	9.43652	0.1217774	0.19174659	2.9784086	21	2 26.3	19.9
270630 2002 PB_{51}	15.7	X	210.14134	118.07057	142.14233	10.09603	0.0505549	0.17924698	3.1153115	21	—	—
270631 2002 PC_{61}	16.0	X	236.36750	137.64178	194.08412	14.44437	0.2241256	0.19258700	2.9697376	21	3 13.7	21.2
270632 2002 PY_{64}	15.3	X	75.54849	176.10556	266.01538	10.41959	0.1080371	0.18577189	3.0419312	21	2 5.7	19.3
270633 2002 PG_{70}	15.4	X	231.13168	153.81196	183.70804	14.86580	0.1960277	0.19131629	2.9828729	21	3 18.9	20.3
270634 2002 PW_{71}	15.8	X	151.39306	200.99187	163.96027	12.93685	0.2372071	0.18307072	3.0717802	21	2 17.4	20.9
270635 2002 PF_{73}	15.7	X	219.07557	145.76853	196.67324	11.23044	0.1202825	0.19113929	2.9847141	21	3 15.9	20.6
270636 2002 PA_{76}	15.9	X	237.61566	213.87288	119.32712	11.71735	0.1030120	0.19306813	2.9648017	21	3 30.4	20.6
270637 2002 PO_{78}	17.7	X	11.10444	173.34077	98.01873	3.68608	0.1697959	0.30941060	2.1649403	21	7 13.4	18.9
270638 2002 PP_{78}	17.0	X	160.59858	323.70194	352.79712	6.02433	0.2100986	0.28371116	2.2937800	21	—	—
270639 2002 PG_{87}	15.3	X	261.78530	104.82789	136.84156	27.15391	0.1712899	0.18515017	3.0487371	21	—	—
270640 2002 PO_{88}	15.9	X	236.09488	321.28731	339.96276	8.27575	0.2299983	0.18715441	3.0269320	21	2 10.0	21.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270641 2002 PP_{95}	17.0	X	69.22666	140.70266	129.48679	4.62205	0.1775561	0.31804289	2.1255872	21	10 29.7	19.7
270642 2002 PC_{102}	17.3	X	246.81241	134.47444	195.32971	5.44775	0.1299846	0.29773691	2.2211656	21	3 16.4	20.6
270643 2002 PM_{107}	15.7	X	199.85724	187.34525	188.68725	9.81491	0.0946862	0.19290404	2.9664828	21	4 9.1	20.2
270644 2002 PH_{112}	15.2	X	174.51760	235.02142	155.14691	22.78931	0.2034885	0.18913339	3.0057803	21	4 8.9	20.5
270645 2002 PR_{112}	15.3	X	187.32366	341.48587	349.05489	14.61973	0.2883929	0.18094283	3.0958159	21	2 11.8	20.9
270646 2002 PD_{122}	17.3	X	40.24297	33.53744	230.16809	5.34641	0.1610645	0.31151760	2.1551673	21	8 30.1	19.4
270647 2002 PD_{125}	15.6	X	232.24627	140.27471	148.48551	10.52110	0.0890917	0.18606732	3.0387104	21	1 27.3	20.2
270648 2002 PK_{130}	15.9	X	140.13813	145.24213	235.56454	11.03041	0.2036650	0.18317485	3.0706158	21	2 19.5	21.0
270649 2002 PM_{140}	16.0	X	168.37264	151.55175	171.88863	16.58345	0.2200463	0.18150830	3.0893828	21	1 13.6	21.4
270650 2002 PA_{145}	15.7	X	121.86130	255.72808	127.52456	10.17627	0.0921371	0.18303954	3.0721289	21	1 26.3	19.9
270651 2002 PX_{159}	16.4	X	283.90015	283.91201	341.45830	6.44820	0.2283761	0.19244973	2.9711495	21	2 7.7	21.0
270652 2002 PT_{160}	15.6	X	228.33291	330.76404	326.85453	9.57098	0.0870368	0.18727055	3.0256805	21	2 4.3	20.3
270653 2002 PX_{161}	16.0	X	230.51352	302.45087	327.34974	16.00127	0.1766872	0.18425380	3.0586168	21	1 4.8	21.3
270654 2002 PX_{165}	15.9	X	66.93600	239.45103	137.43320	6.14438	0.1717033	0.17113682	3.2129730	21	—	—
270655 2002 PQ_{166}	15.6	X	56.44174	343.78258	117.57173	10.13923	0.0186492	0.18597675	3.0396968	21	1 30.2	19.7
270656 2002 PJ_{168}	15.2	X	111.40154	258.50258	121.60394	10.72265	0.0677932	0.17966795	3.1104434	21	1 7.4	19.5
270657 2002 PE_{169}	15.6	X	18.73797	123.19816	328.61914	8.50616	0.0608071	0.17638091	3.1489686	21	—	—
270658 2002 PG_{169}	17.4	X	75.84409	47.50852	25.33184	2.95043	0.2091367	0.28368914	2.2938987	21	1 15.1	19.1
270659 2002 PU_{178}	18.0	X	335.68349	234.77499	78.10418	6.15393	0.2476052	0.30858740	2.1687888	21	6 13.7	19.1
270660 2002 PC_{186}	15.6	X	204.27361	303.49760	26.29853	9.26493	0.1176219	0.18626159	3.0365971	21	2 21.4	20.5
270661 2002 PF_{186}	15.4	X	177.28403	16.41295	313.65319	7.78369	0.1711761	0.18202055	3.0835839	21	1 27.4	20.3
270662 2002 PA_{187}	15.6	X	305.59054	236.52038	5.72900	8.68545	0.0390213	0.18988598	2.9978330	21	3 2.2	19.7
270663 2002 PY_{187}	17.6	X	173.44410	351.64900	324.38182	8.34064	0.1567664	0.28608969	2.2810488	21	—	—
270664 2002 PQ_{188}	15.5	X	91.03166	55.89286	340.08985	10.32051	0.0404304	0.17984654	3.1083840	21	—	—
270665 2002 PH_{189}	17.3	X	133.89793	258.34853	145.28221	7.85090	0.1296801	0.29162979	2.2520678	21	2 22.3	20.1
270666 2002 PQ_{189}	15.7	X	108.12694	20.01210	320.27225	15.16156	0.1035632	0.17456585	3.1707586	21	—	—
270667 2002 PF_{190}	14.9	X	69.74044	279.27154	113.60734	16.98526	0.1588321	0.17492506	3.1664164	21	—	—
270668 2002 PV_{190}	16.0	X	231.21031	198.31953	102.33622	11.00300	0.0411309	0.18780520	3.0199353	21	2 14.4	20.5
270669 2002 PG_{194}	15.3	X	196.70725	219.20651	65.77534	10.75642	0.0628487	0.17862797	3.1225045	21	—	—
270670 2002 PT_{194}	16.6	X	328.75712	345.93458	303.91738	4.60996	0.0413995	0.20107566	2.8855574	21	5 28.9	20.4
270671 2002 QT	16.3	X	201.57490	167.95801	145.07565	2.07690	0.0964977	0.18474382	3.0532060	21	1 26.4	20.9
270672 2002 QB_{7}	15.1	X	79.04886	201.95682	180.63769	28.11788	0.1616975	0.17200586	3.2021417	21	—	—
270673 2002 QF_{8}	15.5	X	190.64593	321.40344	4.54792	16.14050	0.1229917	0.18308733	3.0715943	21	2 7.1	20.6
270674 2002 QP_{9}	17.3	X	41.88353	200.51474	195.91710	3.96194	0.2532944	0.27217871	2.3581239	21	—	—
270675 2002 QB_{10}	15.9	X	207.81938	158.58961	202.18045	11.65276	0.0923429	0.18901806	3.0070029	21	3 28.3	20.5
270676 2002 QJ_{25}	16.4	X	263.53998	138.71150	172.14162	3.25762	0.1791368	0.19244465	2.9712018	21	3 17.9	20.9
270677 2002 QU_{26}	15.8	X	141.83417	17.59503	347.39226	8.85357	0.0998092	0.18033646	3.1027517	21	1 30.6	20.4
270678 2002 QE_{30}	16.9	X	359.23521	132.96914	132.40674	6.33110	0.1421773	0.30631013	2.1795248	21	6 2.5	18.5
270679 2002 QV_{31}	15.8	X	121.48057	232.30298	134.08448	11.93597	0.1027256	0.17831566	3.1261494	21	1 7.9	20.3
270680 2002 QW_{32}	15.2	X	178.14605	285.44625	348.90398	9.76256	0.1913027	0.17507936	3.1645557	21	—	—
270681 2002 QU_{36}	17.3	X	201.85496	354.56183	356.31947	6.14872	0.1296711	0.29135171	2.2535005	21	2 28.8	20.5
270682 2002 QH_{37}	15.9	X	310.28282	353.05664	156.38053	6.54588	0.0371330	0.17263560	3.1943498	21	—	—
270683 2002 QG_{38}	15.3	X	93.77350	5.79791	353.25711	16.86529	0.1818050	0.17082807	3.2168433	21	—	—
270684 2002 QY_{38}	16.3	X	312.36116	220.77987	23.52768	1.82735	0.1948380	0.18915930	3.0055059	21	2 17.6	20.3
270685 2002 QW_{39}	15.0	X	2.06814	139.18188	324.02748	27.03960	0.1177952	0.17490310	3.1666814	21	—	—
270686 2002 QK_{45}	15.8	X	157.21009	138.42589	205.08979	0.89622	0.2399743	0.17984823	3.1083644	21	1 30.1	21.0
270687 2002 QO_{47}	15.3	X	140.70288	317.99137	28.04261	14.08525	0.1842694	0.17720140	3.1392407	21	1 17.8	20.4
270688 2002 QK_{49}	15.7	X	130.40641	3.45154	331.97702	9.08926	0.0901261	0.17683347	3.1435937	21	—	—
270689 2002 QW_{51}	16.1	X	243.00251	106.79450	151.63774	7.72587	0.1219911	0.18256341	3.0774681	21	1 2.0	21.0
270690 2002 QF_{52}	16.8	X	177.73348	2.48576	150.79363	6.39308	0.0550007	0.26041965	2.4285864	21	9 10.5	20.1
270691 2002 QK_{53}	17.3	X	58.45630	326.74238	29.36618	1.92001	0.2100868	0.27198291	2.3592555	21	—	—
270692 2002 QB_{54}	17.9	X	277.84032	134.74216	145.11639	5.91813	0.2076090	0.29623201	2.2286818	21	2 5.8	21.0
270693 2002 QO_{55}	15.8	X	217.63929	306.84328	4.27024	6.74349	0.0851915	0.18545513	3.0453940	21	2 10.9	20.5
270694 2002 QQ_{59}	16.0	X	225.73134	171.86598	189.71493	9.71971	0.0361736	0.19378434	2.9574922	21	4 22.1	20.2
270695 2002 QF_{61}	16.5	X	187.85008	151.91934	191.34815	6.95800	0.0788902	0.18543939	3.0455663	21	2 14.9	21.3
270696 2002 QX_{63}	16.0	X	106.44443	56.56934	348.63026	8.97683	0.0884123	0.18191024	3.0848304	21	2 5.3	20.3
270697 2002 QP_{65}	15.3	X	22.64230	327.74036	154.05761	11.27164	0.0731796	0.18144766	3.0900710	21	1 10.9	19.4
270698 2002 QK_{69}	18.0	X	237.26309	315.68702	17.25819	3.06058	0.1881603	0.29606022	2.2295438	21	3 10.1	21.4
270699 2002 QE_{70}	16.4	X	318.45176	257.33677	347.02876	0.20846	0.1649471	0.19308282	2.9646514	21	2 28.6	20.2
270700 2002 QB_{76}	16.1	X	72.36140	231.65464	161.88325	7.46738	0.0748258	0.17565871	3.1575938	21	—	—
270701 2002 QJ_{76}	16.3	X	219.54366	260.76536	32.63928	4.13157	0.0684574	0.18348869	3.0671135	21	1 22.9	21.0
270702 2002 QU_{77}	15.0	X	208.29803	265.24208	293.60286	13.65860	0.1566582	0.17375372	3.1806311	21	11 18.9	20.2
270703 2002 QA_{79}	16.0	X	279.24059	294.06049	348.16015	4.00710	0.1385544	0.19064375	2.9898839	21	3 4.3	20.5
270704 2002 QM_{82}	16.1	X	241.58289	98.57653	164.58995	13.50449	0.1365351	0.18413799	3.0598991	21	1 4.8	21.2
270705 2002 QK_{84}	15.9	X	162.28829	212.66846	167.13107	10.41692	0.0854673	0.18663956	3.0324961	21	3 5.9	20.5
270706 2002 QD_{85}	15.8	X	76.90155	218.51388	165.36189	9.41330	0.0787706	0.17489842	3.1667379	21	—	—
270707 2002 QU_{88}	15.6	X	350.44390	326.71211	162.86485	10.01780	0.0367630	0.17766185	3.1338143	21	—	—
270708 2002 QO_{92}	16.1	X	266.10893	292.88610	352.91020	8.86132	0.0635078	0.18875560	3.0097897	21	3 3.9	20.5
270709 2002 QB_{93}	15.7	X	103.76862	45.82204	359.95474	10.10739	0.0784596	0.18089448	3.0963675	21	2 2.5	20.1
270710 2002 QT_{93}	15.5	X	1.34625	337.51128	152.51748	11.98771	0.0417937	0.17895712	3.1186746	21	—	—
270711 2002 QU_{96}	15.6	X	74.52437	306.10486	116.88547	10.27511	0.0570454	0.18123909	3.0924414	21	1 10.7	19.7
270712 2002 QO_{97}	16.3	X	71.96205	342.62710	46.46658	2.69543	0.1752122	0.17450464	3.1715001	21	—	—
270713 2002 QP_{99}	15.8	X	100.19323	43.82149	359.70571	9.65154	0.0589648	0.18050270	3.1008463	21	1 23.3	20.2
270714 2002 QQ_{104}	15.5	X	256.89231	307.46899	287.14903	7.44202	0.1517193	0.18240841	3.0792112	21	—	—
270715 2002 QU_{104}	17.2	X	109.69948	189.64765	275.79371	5.65437	0.1020110	0.29562887	2.2317120	21	4 8.8	19.9
270716 2002 QW_{108}	16.5	X	65.90622	249.30243	144.23327	1.88745	0.1696843	0.17435434	3.1733225	21	—	—
270717 2002 QU_{111}	17.0	X	156.23374	249.24829	303.32797	5.77019	0.0567417	0.26453817	2.4033138	21	10 3.7	20.3
270718 2002 QV_{111}	15.8	X	334.53619	208.05285	319.24151	17.24435	0.1149618	0.18214095	3.0822248	21	—	—
270719 2002 QZ_{111}	17.6	X	302.75346	335.41601	273.75126	3.97951	0.1230414	0.29528569	2.2334408	21	2 1.5	20.5
270720 2002 QN_{113}	15.2	X	140.34705	351.19588	307.41012	16.29160	0.1938737	0.17314426	3.1880905	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270721 2002 QZ_{113}	15.7	X	168.37699	15.36615	271.34247	7.96423	0.0491208	0.17473261	3.1687409	21	—	—
270722 2002 QE_{116}	15.8	X	68.70676	30.42079	1.57781	9.63597	0.1182548	0.17451083	3.1714251	21	—	—
270723 2002 QJ_{116}	15.7	X	189.66996	177.92765	142.58649	11.51609	0.0393438	0.18246156	3.0786132	21	1 21.2	20.3
270724 2002 QQ_{117}	17.8	X	117.70158	172.96160	179.46646	5.67721	0.1867469	0.28085303	2.3093157	21	—	—
270725 2002 QL_{122}	15.9	X	164.82755	321.77340	25.65507	2.14054	0.1352786	0.18153634	3.0890646	21	2 3.6	20.8
270726 2002 QS_{122}	15.6	X	250.54127	268.30968	323.10849	11.21644	0.1236743	0.17899834	3.1181957	21	—	—
270727 2002 QY_{122}	17.3	X	227.50271	316.07650	44.52044	4.11940	0.2152069	0.29722476	2.2237164	21	4 4.9	21.0
270728 2002 QP_{123}	16.5	X	260.16109	234.56014	63.55136	2.47092	0.2008336	0.19096049	2.9865769	21	2 27.1	21.2
270729 2002 QF_{127}	15.7	X	106.67777	26.75803	5.47541	4.75978	0.1913504	0.17967549	3.1103565	21	2 3.9	20.1
270730 2002 QE_{130}	16.6	X	273.98984	95.85563	219.68346	1.83764	0.1518983	0.19504928	2.9446916	21	4 5.5	21.1
270731 2002 QO_{130}	17.4	X	171.55116	336.75405	2.94763	7.65472	0.1530201	0.28719811	2.2751760	21	1 17.9	20.7
270732 2002 QO_{132}	15.9	X	335.80960	68.74039	114.76597	7.27523	0.2066016	0.18781888	3.0197886	21	1 2.6	19.8
270733 2002 QA_{135}	16.2	X	202.27055	242.25594	106.39404	3.73739	0.1133648	0.18829504	3.0146956	21	3 11.0	20.9
270734 2002 QC_{144}	17.2	X	63.50308	320.08573	5.04005	2.36643	0.0609722	0.21782523	2.7356714	21	11 29.6	21.0
270735 2002 QE_{144}	15.8	X	36.28573	272.59425	157.04530	10.01441	0.0709394	0.17544797	3.1601218	21	—	—
270736 2002 QS_{144}	17.0	X	154.82349	153.88655	145.17609	5.93840	0.1568860	0.22842461	2.6503758	21	—	—
270737 2002 QX_{144}	16.2	X	111.04928	294.12608	14.37417	5.01171	0.1653459	0.17144873	3.2090750	21	—	—
270738 2002 RL_{9}	17.2	X	87.90622	8.06539	335.02959	5.30968	0.1607340	0.27498896	2.3420305	21	—	—
270739 2002 RC_{10}	17.1	X	69.08179	29.07928	341.25403	6.69756	0.1331302	0.27532078	2.3401484	21	—	—
270740 2002 RD_{13}	16.9	X	83.52120	344.95905	352.70156	4.98386	0.2100915	0.27230529	2.3573930	21	—	—
270741 2002 RR_{17}	15.7	X	186.14463	344.76540	352.06323	8.82270	0.1324449	0.18274216	3.0754610	21	2 11.9	20.6
270742 2002 RV_{28}	17.0	X	138.37055	134.70933	304.25665	6.70493	0.0417724	0.29501103	2.2348268	21	3 31.6	19.8
270743 2002 RD_{33}	16.8	X	286.07501	9.70397	342.01410	6.86662	0.1869954	0.25100918	2.4889126	21	5 26.6	20.1
270744 2002 RG_{36}	15.5	X	152.03939	18.44532	312.42680	8.80031	0.0929872	0.17754265	3.1352169	21	—	—
270745 2002 RF_{46}	15.2	X	196.58967	324.86979	10.88657	9.53330	0.0914450	0.18441978	3.0567814	21	2 20.4	20.0
270746 2002 RP_{48}	17.2	X	116.25375	311.64769	11.00075	5.32783	0.2553128	0.27641409	2.3339735	21	—	—
270747 2002 RH_{51}	15.3	X	181.49888	333.44537	12.35951	13.91733	0.2049059	0.18247244	3.0784908	21	2 23.8	20.6
270748 2002 RV_{52}	15.9	X	193.31258	233.52566	113.52323	4.65315	0.1600205	0.18583406	3.0412527	21	3 1.7	20.9
270749 2002 RE_{53}	15.4	X	188.75476	304.25641	6.62022	10.80232	0.0978935	0.18039906	3.1020338	21	1 14.9	20.4
270750 2002 RP_{57}	16.9	X	241.49855	158.77562	203.27860	3.77218	0.1771438	0.29793780	2.2201670	21	4 20.6	20.1
270751 2002 RS_{58}	17.2	X	295.48146	194.28359	146.64503	6.38135	0.1208397	0.30374185	2.1917935	21	6 5.1	19.6
270752 2002 RG_{59}	17.2	X	283.29264	61.71995	278.27220	3.50216	0.1734075	0.30204249	2.2000068	21	5 5.8	20.1
270753 2002 RJ_{61}	17.0	X	192.65935	327.80731	29.41149	6.66399	0.2099856	0.28956355	2.2627685	21	3 4.9	20.7
270754 2002 RH_{62}	16.2	X	187.00733	320.57658	27.80861	11.74076	0.2100573	0.28701833	2.2761260	21	2 20.1	20.0
270755 2002 RR_{68}	17.4	X	216.61317	3.19548	344.70432	3.25704	0.1500971	0.29292250	2.2454371	21	3 10.2	20.7
270756 2002 RW_{78}	15.8	X	152.72006	178.34951	173.47491	4.83487	0.1575928	0.17960282	3.1111953	21	1 28.8	20.7
270757 2002 RL_{79}	17.1	X	15.66794	21.14792	346.32248	2.49798	0.2346720	0.26582344	2.3955608	21	12 28.6	19.7
270758 2002 RT_{79}	17.2	X	232.32083	355.23618	333.82306	3.98657	0.1731037	0.29348556	2.2425643	21	2 28.4	20.6
270759 2002 RE_{91}	15.2	X	142.99277	355.95214	358.38849	16.33745	0.0640058	0.17705377	3.1409855	21	1 18.3	20.0
270760 2002 RY_{94}	17.1	X	108.18301	321.69987	11.12334	5.75531	0.2530154	0.27524239	2.3405926	21	—	—
270761 2002 RS_{109}	15.3	X	232.04038	117.42453	203.96069	10.56298	0.0898188	0.18669203	3.0319278	21	3 4.4	20.1
270762 2002 RZ_{124}	17.2	X	161.57070	76.69435	251.05310	5.69564	0.1288550	0.28198504	2.3031311	21	—	—
270763 2002 RE_{129}	15.3	X	136.63118	163.21981	189.11942	9.25434	0.0780656	0.17705977	3.1409145	21	1 4.8	20.1
270764 2002 RG_{136}	15.9	X	119.81933	330.18249	26.57790	10.66435	0.2021150	0.17513042	3.1639407	21	1 10.2	20.7
270765 2002 RQ_{136}	15.7	X	261.82813	204.80500	104.40285	5.56372	0.2022196	0.19105897	2.9855505	21	3 14.8	20.5
270766 2002 RK_{141}	18.0	X	186.15377	15.40582	308.76454	3.95688	0.1667811	0.28618414	2.2805469	21	1 12.5	21.4
270767 2002 RE_{143}	17.5	X	63.64247	182.45408	210.15559	5.63813	0.1454370	0.27556791	2.3387490	21	—	—
270768 2002 RR_{145}	16.0	X	172.16063	238.93254	84.06683	2.24087	0.1849519	0.17881819	3.1202897	21	1 16.2	21.0
270769 2002 RP_{151}	15.7	X	62.16155	214.53949	190.75343	18.57277	0.1790094	0.17283319	3.1919147	21	—	—
270770 2002 RK_{152}	16.8	X	61.06938	153.27521	255.63332	5.62092	0.1438787	0.27696508	2.3308771	21	—	—
270771 2002 RA_{153}	16.1	X	94.48225	173.47049	215.82542	10.13478	0.2145695	0.17483801	3.1674673	21	1 16.6	20.5
270772 2002 RK_{158}	17.0	X	352.91882	205.97042	335.26869	6.75588	0.0350723	0.28806977	2.2705841	21	1 25.8	19.7
270773 2002 RY_{160}	15.6	X	77.98767	259.02670	171.25368	15.97114	0.0235757	0.18015695	3.1048125	21	1 18.9	20.1
270774 2002 RZ_{165}	17.4	X	60.56129	231.95301	172.98455	5.84619	0.2207804	0.27581979	2.3373250	21	—	—
270775 2002 RR_{168}	15.5	X	131.73846	29.47236	354.51958	10.91642	0.0085223	0.18053157	3.1005157	21	1 31.5	20.0
270776 2002 RU_{170}	15.6	X	170.43334	36.91044	312.08230	6.94907	0.0430144	0.18298185	3.0727746	21	2 3.3	20.1
270777 2002 RS_{176}	16.5	X	155.79405	145.92401	218.93245	4.35947	0.1629143	0.18160029	3.0883394	21	2 15.0	21.4
270778 2002 RM_{184}	15.7	X	190.00396	134.81016	203.82161	17.18279	0.1008932	0.18315929	3.0707897	21	2 9.9	20.8
270779 2002 RR_{189}	15.5	X	199.07728	104.77473	186.69994	10.05388	0.0877094	0.17874441	3.1211483	21	—	—
270780 2002 RX_{196}	16.9	X	131.67553	317.14833	58.72968	7.89793	0.1336440	0.28379991	2.2933018	21	1 15.8	19.8
270781 2002 RT_{200}	16.0	X	312.51109	213.48786	91.98325	6.31220	0.3264099	0.19949873	2.9007433	21	4 16.8	19.8
270782 2002 RG_{201}	15.3	X	159.83015	194.58608	144.19254	12.05232	0.1025812	0.17868414	3.1218501	21	1 16.3	20.1
270783 2002 RU_{203}	15.7	X	109.63921	211.82563	155.12118	18.01934	0.1151612	0.17678263	3.1441963	21	—	—
270784 2002 RR_{205}	15.8	X	99.65656	171.74277	192.37320	8.68372	0.1927636	0.17259131	3.1948963	21	—	—
270785 2002 RN_{212}	15.2	X	179.73431	166.19604	155.61478	15.27672	0.1588791	0.17811914	3.1284484	21	1 18.8	20.4
270786 2002 RL_{218}	15.6	X	56.49675	24.51163	5.11699	13.20354	0.0850027	0.17084377	3.2166461	21	—	—
270787 2002 RV_{218}	15.3	X	163.54487	206.73898	136.46925	11.23386	0.0883123	0.18175091	3.0866329	21	1 23.7	20.0
270788 2002 RP_{219}	15.7	X	119.30814	201.32250	150.59802	13.66671	0.1488888	0.17550847	3.1593954	21	—	—
270789 2002 RA_{220}	15.9	X	159.67134	145.51839	146.86329	11.19210	0.2330078	0.17515108	3.1636918	21	—	—
270790 2002 RP_{224}	17.2	X	329.23611	238.47251	54.99696	8.51114	0.1463264	0.30336791	2.1935942	21	5 14.2	19.2
270791 2002 RB_{225}	15.7	X	143.56404	55.64121	238.80016	4.29393	0.1474460	0.17168956	3.2060733	21	—	—
270792 2002 RK_{225}	17.1	X	134.19793	117.02328	322.13003	6.94772	0.0276951	0.29379685	2.2409799	21	3 24.8	19.9
270793 2002 RO_{226}	17.0	X	46.72158	55.78400	334.98309	4.89711	0.0696123	0.27418891	2.3465841	21	—	—
270794 2002 RK_{231}	16.0	X	146.50833	149.93161	206.97399	2.04244	0.1408712	0.17954807	3.1118278	21	1 27.5	20.7
270795 2002 RX_{231}	15.6	X	130.08087	148.41040	192.78260	10.07014	0.1218988	0.17449777	3.1715833	21	—	—
270796 2002 RX_{232}	15.7	X	209.51285	174.81920	134.09737	11.24247	0.1276840	0.18570352	3.0426777	21	1 29.0	20.5
270797 2002 RF_{234}	15.4	X	296.57866	38.42451	160.92154	14.08879	0.1423713	0.18114949	3.0934610	21	—	—
270798 2002 RN_{234}	15.4	X	56.31838	238.14555	160.63803	12.24313	0.0069010	0.17368586	3.1814595	21	—	—
270799 2002 RZ_{234}	15.9	X	201.12793	153.79699	172.35532	10.98338	0.0774541	0.18439480	3.0570574	21	2 8.5	20.6
270800 2002 RL_{237}	17.9	X	321.21218	257.91966	28.14049	3.17640	0.1726785	0.30231213	2.1986984	21	4 13.1	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270801 2002 RG_{243}	15.8	X	62.66033	36.44778	11.44978	27.49912	0.1783860	0.17246475	3.1964591	21	—	—
270802 2002 RQ_{248}	15.9	X	247.12194	105.88302	161.03767	13.18879	0.0839998	0.18302518	3.0722896	21	1 17.1	20.7
270803 2002 RD_{249}	16.3	X	205.77284	127.87722	161.89732	2.76971	0.1792319	0.18109511	3.0940802	21	1 5.0	21.6
270804 2002 RB_{250}	17.4	X	309.86643	262.07741	312.22206	5.71783	0.0531893	0.28759703	2.2730716	21	1 7.8	20.1
270805 2002 RA_{254}	16.2	X	103.77115	181.34485	189.32418	4.44348	0.0386319	0.17558158	3.1585184	21	—	—
270806 2002 RW_{257}	18.0	X	337.13284	281.36347	317.29527	1.69535	0.1061222	0.29598900	2.2299015	21	3 10.6	20.2
270807 2002 RW_{261}	15.3	X	62.70073	350.09773	38.21317	15.24306	0.1677622	0.16848834	3.2465554	21	—	—
270808 2002 RS_{264}	17.5	X	56.91403	98.27953	311.94168	5.43759	0.0887582	0.27696711	2.3308657	21	—	—
270809 2002 RN_{266}	17.5	X	28.24116	4.11914	22.42868	1.59762	0.1910950	0.27054591	2.3676022	21	—	—
270810 2002 RC_{267}	16.3	X	282.83996	81.44688	176.86254	3.77354	0.0384144	0.18405637	3.0608037	21	2 20.3	20.6
270811 2002 RY_{267}	17.4	X	82.38313	274.54799	181.45836	7.10338	0.1332635	0.28555417	2.2838998	21	2 19.0	19.6
270812 2002 RG_{268}	15.8	X	303.95145	281.36657	336.23841	9.40586	0.0795570	0.19084178	2.9878153	21	3 9.6	19.9
270813 2002 RR_{269}	17.4	X	20.88254	229.53727	345.95254	4.84772	0.0735628	0.30044072	2.2078193	21	4 23.1	19.6
270814 2002 RP_{270}	16.4	X	239.73474	88.16886	188.79582	2.67936	0.1839821	0.18517906	3.0484199	21	1 16.8	21.4
270815 2002 RS_{272}	18.0	X	120.35942	20.47311	301.45173	0.56808	0.1976703	0.27751032	2.3278230	21	—	—
270816 2002 RR_{277}	15.3	X	200.92104	296.63217	308.59088	12.83606	0.2450408	0.17543876	3.1602323	21	—	—
270817 2002 SB_{1}	17.0	X	24.80875	98.58243	166.32763	4.85393	0.1914327	0.30737904	2.1744690	21	8 7.3	18.4
270818 2002 SU_{1}	15.7	X	57.15337	48.16612	11.47760	5.20007	0.1610847	0.17259520	3.1948483	21	—	—
270819 2002 SW_{3}	15.7	X	44.38319	249.16326	183.16985	16.36730	0.1253128	0.17200482	3.2021547	21	—	—
270820 2002 SF_{4}	15.0	X	186.36121	321.85850	302.21990	26.21247	0.3423754	0.17583480	3.1554853	21	—	—
270821 2002 SU_{14}	16.7	X	254.92765	16.62609	319.92344	7.30446	0.1791835	0.29708831	2.2243972	21	3 27.5	20.0
270822 2002 SY_{17}	17.0	X	189.37551	51.71262	10.26861	11.68868	0.1904256	0.24328289	2.5413336	21	5 18.9	21.4
270823 2002 SL_{20}	15.3	X	238.71082	233.57814	18.16462	10.76298	0.0571040	0.17660391	3.1463172	21	—	—
270824 2002 SV_{21}	17.1	X	198.65763	0.05969	13.31942	5.80152	0.1690019	0.29230925	2.2485766	21	3 26.8	20.7
270825 2002 SG_{22}	15.5	X	52.09288	27.60273	9.75002	27.24638	0.1679189	0.16849438	3.2464778	21	—	—
270826 2002 SJ_{26}	16.7	X	160.44563	324.83078	33.65851	8.48417	0.2385310	0.28487233	2.2875427	21	2 9.7	20.3
270827 2002 SM_{26}	17.4	X	141.87792	194.92127	186.53570	5.14956	0.1134589	0.28549617	2.2842091	21	1 30.3	20.3
270828 2002 SS_{26}	16.9	X	152.67301	239.18184	192.73775	6.58737	0.0819245	0.29366820	2.2416343	21	4 19.6	19.7
270829 2002 SJ_{28}	15.5	X	234.17766	229.15660	73.61843	10.92616	0.0438077	0.17958371	3.1114161	21	2 23.6	20.2
270830 2002 SE_{35}	15.2	X	74.83358	230.03349	154.07154	5.86700	0.1866152	0.17098110	3.2149235	21	—	—
270831 2002 SQ_{35}	15.5	X	215.29513	125.14736	195.82865	21.51159	0.1517033	0.18274943	3.0753793	21	2 13.1	20.9
270832 2002 SF_{44}	17.0	X	279.84841	317.44742	22.10873	5.17340	0.1730917	0.29866611	2.2165562	21	5 1.3	19.8
270833 2002 SS_{48}	17.2	X	23.28885	316.32282	64.00717	3.52434	0.2006225	0.26690776	2.3890684	21	—	—
270834 2002 SH_{66}	17.3	X	106.48353	6.07885	52.04638	6.90947	0.0894741	0.28670965	2.2777594	21	1 31.7	19.9
270835 2002 SE_{69}	18.2	X	12.39204	193.73332	241.81055	0.51095	0.1548933	0.27236239	2.3570636	21	—	—
270836 2002 SA_{70}	15.8	X	212.39385	116.17411	187.23448	9.94991	0.0721255	0.18042537	3.1017323	21	1 24.5	20.7
270837 2002 SY_{72}	15.6	X	187.50790	304.81417	12.82555	8.68312	0.0885617	0.18112015	3.0937950	21	1 20.9	20.5
270838 2002 TF_{2}	16.6	X	136.41752	9.84677	11.46400	9.28641	0.1237681	0.28314993	2.2968101	21	1 30.2	19.6
270839 2002 TH_{2}	17.0	X	188.92131	132.49872	213.23592	3.87045	0.2200146	0.28750775	2.2735422	21	2 11.9	20.8
270840 2002 TH_{7}	15.0	X	279.58071	233.65510	9.17532	19.96901	0.0412977	0.17974405	3.1095655	21	2 7.6	19.8
270841 2002 TW_{9}	17.1	X	5.88285	303.92953	83.82686	3.49111	0.1836208	0.26489947	2.4011281	21	—	—
270842 2002 TZ_{11}	17.5	X	115.47036	4.83624	19.71432	5.57306	0.2304874	0.28181143	2.3040769	21	1 21.6	20.1
270843 2002 TS_{15}	17.1	X	64.12654	332.35405	71.96354	3.46972	0.1904895	0.27581405	2.3373574	21	—	—
270844 2002 TC_{18}	15.0	X	204.98698	262.93327	32.38464	14.35878	0.0381472	0.17687919	3.1430519	21	1 12.2	19.9
270845 2002 TF_{19}	15.0	X	310.19995	209.57151	5.17019	12.56112	0.0590901	0.18042568	3.1017287	21	2 3.6	19.5
270846 2002 TD_{21}	16.0	X	144.11683	341.50490	4.19163	6.04372	0.2081729	0.17590062	3.1546981	21	1 21.4	21.0
270847 2002 TA_{22}	17.4	X	41.25628	32.58266	24.54664	1.59362	0.1691767	0.27323969	2.3520156	21	—	—
270848 2002 TJ_{22}	16.8	X	34.47096	71.66790	13.30764	21.93202	0.2858185	0.27388040	2.3483460	21	—	—
270849 2002 TA_{29}	17.2	X	338.80103	8.37214	38.32242	2.98709	0.1997931	0.26211153	2.4181243	21	12 8.6	19.1
270850 2002 TN_{32}	15.7	X	171.17298	317.62703	22.54662	16.59467	0.3427678	0.17920714	3.1157733	21	2 17.7	21.6
270851 2002 TC_{33}	15.7	X	192.19310	294.37547	9.22640	4.45150	0.1461481	0.17825903	3.1268114	21	1 10.1	20.8
270852 2002 TB_{35}	17.0	X	263.03166	356.80912	10.76095	4.19077	0.1495179	0.24777204	2.5105441	21	5 25.9	20.7
270853 2002 TG_{37}	17.2	X	325.62830	120.64614	210.14043	5.39143	0.2218145	0.30537233	2.1839847	21	6 25.7	18.6
270854 2002 TW_{41}	17.5	X	191.99217	20.20079	31.13305	8.65960	0.3493272	0.24056607	2.5604314	21	5 10.3	22.4
270855 2002 TO_{44}	16.8	X	128.66178	359.66545	40.02383	7.58833	0.1222952	0.28319673	2.2965570	21	2 13.8	19.7
270856 2002 TC_{51}	14.7	X	165.70300	302.12174	49.12526	16.58284	0.2106429	0.17749860	3.1357355	21	2 20.9	20.2
270857 2002 TX_{63}	17.5	X	209.63174	5.08485	340.27004	5.29975	0.1873034	0.29086203	2.2560291	21	3 1.2	21.0
270858 2002 TZ_{69}	16.8	X	226.52966	3.91567	40.91628	16.28558	0.1746087	0.24580607	2.5239126	21	5 31.7	21.0
270859 2002 TA_{76}	17.1	X	273.63311	37.20435	287.97472	3.17371	0.1989650	0.29778703	2.2209163	21	3 31.4	20.3
270860 2002 TT_{76}	16.8	X	340.28037	52.23664	345.24115	5.94362	0.1773748	0.26188552	2.4195154	21	11 23.6	18.9
270861 2002 TF_{78}	15.3	X	127.95730	327.54714	3.63352	8.59639	0.1494696	0.17118455	3.2123757	21	—	—
270862 2002 TP_{80}	15.4	X	202.99517	155.75270	203.57070	13.68752	0.1641473	0.18617020	3.0375908	21	3 20.7	20.5
270863 2002 TH_{86}	16.7	X	206.66777	165.33011	205.96362	6.79587	0.1916215	0.29289560	2.2455746	21	3 30.2	20.2
270864 2002 TM_{88}	14.9	X	140.09571	127.32537	225.14623	10.36619	0.1553429	0.17556927	3.1586660	21	1 16.3	19.8
270865 2002 TK_{92}	17.6	X	95.06572	194.59247	184.29912	3.64814	0.1366229	0.27726142	2.3292159	21	—	—
270866 2002 TD_{93}	15.6	X	77.07805	37.43892	11.00139	4.43439	0.1525244	0.17445041	3.1721573	21	1 10.3	19.6
270867 2002 TK_{97}	15.4	X	206.51136	118.64122	196.12749	8.76320	0.0666434	0.18046334	3.1012972	21	1 31.6	20.2
270868 2002 TH_{98}	17.6	X	98.83433	206.87161	187.38655	5.57955	0.1152342	0.28007860	2.3135707	21	—	—
270869 2002 TE_{99}	15.8	X	173.16296	330.94115	337.03037	6.62142	0.1384830	0.17499495	3.1655732	21	—	—
270870 2002 TE_{123}	15.2	X	88.24874	238.79296	213.06218	15.16662	0.1160506	0.18213278	3.0823170	21	3 8.8	19.5
270871 2002 TA_{125}	17.3	X	143.71397	78.25180	322.34552	6.89298	0.1605742	0.28734136	2.2744198	21	3 4.7	20.5
270872 2002 TJ_{129}	15.4	X	129.76553	159.11418	206.71685	26.46434	0.0500125	0.17634037	3.1494512	21	1 5.8	20.5
270873 2002 TM_{131}	17.5	X	23.31967	94.20714	331.07490	5.29260	0.2193254	0.27128282	2.3633127	21	—	—
270874 2002 TQ_{134}	15.1	X	112.51255	28.49350	347.64230	13.95011	0.0272392	0.17455759	3.1708587	21	1 1.8	19.8
270875 2002 TF_{156}	14.8	X	133.88172	88.90377	278.03881	9.38454	0.1646135	0.12529504	3.9553064	21	2 4.1	20.9
270876 2002 TQ_{156}	15.6	X	127.51411	137.19746	230.26885	8.95307	0.0939147	0.17764985	3.1339555	21	1 13.4	20.3
270877 2002 TN_{185}	15.4	X	197.77751	352.47507	333.89242	10.08639	0.1953117	0.18216058	3.0820034	21	2 10.3	20.6
270878 2002 TC_{186}	17.1	X	304.80283	117.92267	212.76266	6.20060	0.1364368	0.30298371	2.1954482	21	5 31.9	19.3
270879 2002 TH_{187}	17.2	X	50.34835	22.39941	340.24774	6.22238	0.2032243	0.26943163	2.3741255	21	—	—
270880 2002 TC_{190}	16.9	X	320.05991	69.36597	325.65481	9.93506	0.2536738	0.25892861	2.4379008	21	9 22.1	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270881 2002 TN_{190}	15.4	X	145.64963	154.53272	155.22645	6.30441	0.1300238	0.17099076	3.2148025	21	—	—
270882 2002 TT_{193}	17.3	X	267.68815	286.85447	29.43715	4.23100	0.1442138	0.29578906	2.2309062	21	3 22.2	20.3
270883 2002 TE_{197}	16.8	X	235.24107	307.89211	333.91136	7.66956	0.1523929	0.28721703	2.2750761	21	1 5.7	20.4
270884 2002 TQ_{199}	15.0	X	185.69903	38.82438	274.72904	10.21722	0.1300845	0.17729393	3.1381483	21	1 13.5	20.1
270885 2002 TU_{200}	16.9	X	247.97576	30.77545	300.30480	4.49370	0.2093144	0.29575972	2.2310537	21	3 13.4	20.5
270886 2002 TR_{209}	15.2	X	82.88162	297.64784	83.08024	10.86285	0.1286399	0.17062552	3.2193885	21	—	—
270887 2002 TE_{210}	16.9	X	67.72395	353.42742	44.81488	4.26599	0.1736424	0.27392980	2.3480636	21	—	—
270888 2002 TE_{214}	17.2	X	256.70183	187.47671	138.71475	6.90223	0.1921442	0.29496838	2.2350422	21	3 20.6	20.5
270889 2002 TV_{224}	17.0	X	341.03199	249.22297	55.39197	5.49714	0.2103221	0.30381050	2.1914633	21	6 19.6	18.2
270890 2002 TC_{230}	16.4	X	177.63514	249.49277	64.08420	1.72385	0.1473474	0.17524406	3.1625726	21	1 8.7	21.4
270891 2002 TV_{236}	16.1	X	183.97319	100.38712	314.24636	10.45559	0.2387739	0.24011801	2.5636155	21	5 5.3	20.8
270892 2002 TQ_{245}	17.1	X	118.61215	346.07220	37.04743	8.03134	0.1377066	0.28032059	2.3122390	21	1 8.8	19.8
270893 2002 TO_{247}	17.7	X	345.72928	266.27527	53.24040	6.47234	0.2429240	0.30787119	2.1721510	21	8 7.0	18.5
270894 2002 TC_{249}	17.3	X	210.72962	352.14630	31.86548	1.25073	0.1323485	0.29439218	2.2379577	21	4 20.8	20.5
270895 2002 TE_{252}	17.2	X	9.73974	343.48384	107.79568	3.61512	0.2038398	0.27247015	2.3564420	21	—	—
270896 2002 TY_{255}	15.0	X	181.91075	285.11224	19.68195	14.80235	0.0331535	0.17372242	3.1810132	21	—	—
270897 2002 TR_{267}	15.4	X	151.90246	147.47792	227.68985	9.22226	0.1391220	0.17818271	3.1277042	21	2 19.8	20.4
270898 2002 TW_{268}	15.7	X	122.94910	151.58198	218.59173	9.77009	0.2194046	0.17622428	3.1508342	21	1 26.3	20.6
270899 2002 TV_{270}	17.1	X	82.02797	132.28125	269.75969	3.38430	0.1344704	0.27756285	2.3275293	21	—	—
270900 2002 TH_{273}	17.3	X	211.00773	345.79693	351.70857	7.05577	0.1558385	0.28939684	2.2636374	21	2 21.7	20.8
270901 2002 TQ_{273}	16.8	X	157.42207	185.29132	217.76249	8.73722	0.0820623	0.28891304	2.2661637	21	3 13.4	19.9
270902 2002 TG_{294}	15.4	X	222.19117	299.11533	9.71444	15.55548	0.2570206	0.18182127	3.0858366	21	2 13.0	21.0
270903 2002 TO_{303}	15.9	X	18.27461	45.10237	16.39719	9.69081	0.0272287	0.16816528	3.2507120	21	—	—
270904 2002 TT_{305}	15.8	X	70.83871	285.83131	104.58811	6.03979	0.1244108	0.17004735	3.2266818	21	—	—
270905 2002 TW_{311}	16.9	X	214.29290	228.72086	90.77085	8.11502	0.0085507	0.28518831	2.2858527	21	1 30.8	19.7
270906 2002 TN_{313}	15.5	X	231.24369	153.07065	151.86511	11.24058	0.0651086	0.18035988	3.1024830	21	2 16.7	20.0
270907 2002 TZ_{319}	17.4	X	106.96776	98.70459	348.78652	6.27214	0.0480713	0.29014378	2.2597508	21	3 5.4	20.0
270908 2002 TE_{320}	16.4	X	307.47836	290.35301	329.10517	2.23510	0.1645781	0.19047467	2.9916531	21	3 5.2	20.6
270909 2002 TE_{339}	17.1	X	215.33378	111.24792	162.33438	6.77734	0.0942138	0.28097106	2.3086689	21	—	—
270910 2002 TD_{345}	15.8	X	234.93349	189.96940	135.29313	8.12130	0.1765544	0.18631854	3.0359784	21	3 11.7	20.8
270911 2002 TF_{350}	15.9	X	55.06052	192.10361	242.79935	8.89250	0.1012540	0.17777019	3.1325409	21	1 1.9	19.9
270912 2002 TE_{358}	15.8	X	216.55947	270.69812	1.29047	9.65464	0.0507224	0.17662014	3.1461245	21	—	—
270913 2002 TU_{369}	15.6	X	266.28613	122.37841	120.49966	10.40332	0.0430226	0.17514339	3.1637844	21	1 15.4	20.3
270914 2002 TJ_{377}	15.6	X	250.57130	281.97056	20.23970	9.98118	0.0960457	0.18419616	3.0592549	21	3 6.6	20.3
270915 2002 TL_{377}	16.1	X	206.21160	126.50427	202.07281	15.75780	0.2775418	0.18234146	3.0799649	21	2 14.2	21.9
270916 2002 TA_{378}	15.3	X	267.12739	52.35360	226.55021	9.71844	0.0808087	0.18297040	3.0729028	21	2 18.7	20.0
270917 2002 TP_{380}	16.4	X	282.11009	119.73173	187.81003	3.00833	0.1655497	0.19248192	2.9708183	21	4 3.6	20.8
270918 2002 TG_{383}	15.5	X	296.01614	180.62268	50.36708	11.87075	0.1537462	0.18072040	3.0983556	21	1 22.7	20.2
270919 2002 TB_{385}	17.3	X	69.01720	83.37986	18.06816	7.54305	0.0558805	0.28567165	2.2832736	21	1 31.3	19.8
270920 2002 UT	16.8	X	29.29311	7.76938	265.78505	5.53389	0.0877123	0.25525397	2.4612424	21	8 10.0	19.6
270921 2002 UC_{10}	16.2	X	177.17795	122.29708	210.58076	10.32214	0.2115560	0.17809730	3.1287041	21	1 29.6	21.6
270922 2002 UP_{13}	15.0	X	200.04890	257.69656	75.35431	17.56602	0.1960575	0.18060243	3.0997047	21	2 25.8	20.6
270923 2002 UA_{16}	15.5	X	106.65359	193.83500	187.05811	10.47038	0.0663210	0.17239074	3.1973739	21	1 3.1	20.2
270924 2002 UZ_{17}	15.8	X	186.55504	300.10950	41.31810	4.51846	0.0836409	0.17941929	3.1133166	21	2 16.2	20.5
270925 2002 UC_{28}	17.5	X	242.58721	200.88990	133.39353	1.69291	0.2406796	0.29343564	2.2428186	21	3 14.2	21.2
270926 2002 UG_{30}	17.5	X	44.50696	97.28797	26.17913	3.59723	0.0765994	0.28217911	2.3020751	21	1 22.5	19.8
270927 2002 US_{31}	15.3	X	190.20019	90.98174	250.62755	10.01289	0.0710318	0.17984243	3.1084313	21	2 13.4	20.3
270928 2002 UD_{37}	17.4	X	88.66906	60.75395	346.82902	2.47860	0.2061722	0.27787774	2.3257706	21	1 4.5	19.4
270929 2002 UQ_{39}	15.9	X	185.67561	121.81260	225.28980	11.87467	0.3426978	0.18185829	3.0854178	21	2 22.3	21.9
270930 2002 UW_{43}	16.0	X	268.47786	114.17231	185.15648	1.07191	0.1584624	0.18521887	3.0479831	21	3 11.6	20.6
270931 2002 UB_{52}	15.4	X	208.94512	36.34825	252.30774	9.55750	0.0768484	0.18098903	3.0952891	21	1 4.9	20.3
270932 2002 UQ_{56}	17.0	X	23.01948	349.24724	89.18875	6.23489	0.1750833	0.27215485	2.3582617	21	—	—
270933 2002 UK_{60}	16.4	X	193.47580	140.12102	154.50113	11.49871	0.1179158	0.17385083	3.1794466	21	—	—
270934 2002 UX_{61}	15.1	X	79.75003	188.56585	201.54722	14.67225	0.2533828	0.17364690	3.1819354	21	1 3.3	19.2
270935 2002 UP_{64}	15.7	X	48.08354	274.50835	187.50726	15.76645	0.1268238	0.17647483	3.1478512	21	1 24.9	19.9
270936 2002 UE_{70}	17.5	X	72.36123	346.46493	79.20146	5.03312	0.1392663	0.27778924	2.3262646	21	—	—
270937 2002 UR_{70}	17.1	X	101.72616	264.86073	172.78343	6.84879	0.0707413	0.28583545	2.2824012	21	2 14.5	19.8
270938 2002 US_{70}	17.0	X	132.78682	17.30375	41.87912	11.08071	0.0525942	0.28817884	2.2700112	21	3 9.0	19.9
270939 2002 UG_{71}	15.3	X	153.59568	114.26650	223.28854	6.62781	0.0841216	0.17347526	3.1840339	21	1 7.3	20.1
270940 2002 VS_{4}	17.3	X	134.79235	343.86225	46.14481	10.02620	0.0898303	0.28179468	2.3041683	21	2 4.6	20.4
270941 2002 VR_{5}	17.7	X	168.36563	308.68340	65.81156	2.93285	0.2067456	0.28584618	2.2823441	21	3 4.1	21.2
270942 2002 VA_{17}	16.8	X	289.12736	69.18206	236.66978	8.66281	0.1133579	0.29437514	2.2380440	21	4 2.8	19.8
270943 2002 VV_{18}	17.4	X	54.31003	1.58845	61.63801	2.26098	0.1767229	0.27406276	2.3473042	21	—	—
270944 2002 VT_{36}	16.4	X	118.03225	339.59419	74.28989	9.17390	0.2161748	0.27897887	2.3196467	21	3 7.7	19.5
270945 2002 VV_{38}	16.9	X	51.05245	292.68153	104.01340	5.77062	0.2334644	0.27055754	2.3675343	21	—	—
270946 2002 VK_{42}	17.8	X	70.61782	156.23349	207.22297	0.71495	0.2007583	0.27051265	2.3677963	21	—	—
270947 2002 VJ_{44}	17.4	X	121.06361	268.67830	120.37466	3.58000	0.2221369	0.27990439	2.3145305	21	2 1.9	20.2
270948 2002 VU_{45}	17.8	X	6.05331	44.38934	22.44583	1.48899	0.1674171	0.26658571	2.3909921	21	—	—
270949 2002 VS_{51}	16.0	X	209.61871	238.36725	97.07306	6.13112	0.3458062	0.18428581	3.0582627	21	3 1.6	21.8
270950 2002 VY_{53}	17.4	X	190.28957	149.32839	206.54616	6.02134	0.1231861	0.28660988	2.2782879	21	2 20.5	20.8
270951 2002 VL_{56}	17.0	X	23.31951	342.55415	80.91647	7.13397	0.2268764	0.26897631	2.3768039	21	—	—
270952 2002 VG_{62}	17.3	X	106.32425	28.89164	3.16715	3.05548	0.1918439	0.27788206	2.3257465	21	1 11.5	19.7
270953 2002 VZ_{62}	17.2	X	243.68897	26.04229	315.33692	3.49363	0.1851649	0.29300874	2.2449965	21	3 24.8	20.8
270954 2002 VQ_{63}	15.1	X	148.59398	89.06428	258.95303	8.88396	0.1503176	0.17312288	3.1883531	21	1 19.9	20.1
270955 2002 VT_{70}	15.3	X	120.85614	337.14860	62.93061	10.22690	0.0721093	0.17613291	3.1519238	21	2 17.1	20.0
270956 2002 VP_{71}	17.0	X	110.49947	322.13253	80.92092	6.27117	0.1549776	0.28014920	2.3131820	21	1 27.5	19.5
270957 2002 VN_{72}	17.1	X	209.03643	168.12928	203.17242	6.22902	0.1212143	0.29058617	2.2574566	21	4 2.1	20.4
270958 2002 VU_{76}	17.1	X	40.00958	346.94275	88.64438	3.54660	0.1544444	0.27266787	2.3553028	21	—	—
270959 2002 VJ_{78}	15.7	X	145.40201	185.96679	228.19966	21.52126	0.0572766	0.23247203	2.6195232	21	3 14.5	19.8
270960 2002 VK_{81}	17.1	X	64.22216	277.17911	119.68363	3.24547	0.2388132	0.27146274	2.3622683	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
270961 2002 VH_{86}	15.7	X	102.63984	359.01083	16.39206	7.18757	0.1719889	0.17171373	3.2057725	21	1 8.6	20.2
270962 2002 VF_{93}	17.4	X	78.88528	273.25001	129.17999	3.16280	0.1730713	0.27463278	2.3440550	21	—	—
270963 2002 VO_{95}	17.1	X	236.14421	295.36226	67.26075	6.69532	0.1692012	0.29312791	2.2443880	21	4 19.1	20.4
270964 2002 VX_{96}	16.8	X	25.75158	121.81510	322.95602	5.82030	0.2283146	0.27115550	2.3640524	21	—	—
270965 2002 VJ_{97}	17.1	X	2.10739	150.78717	273.97620	5.83095	0.1185166	0.26674803	2.3900220	21	—	—
270966 2002 VL_{100}	16.9	X	300.18616	83.86667	340.66103	6.13175	0.1577522	0.25702520	2.4499219	21	10 8.7	19.4
270967 2002 VV_{101}	16.7	X	49.95691	25.12642	77.75773	8.73371	0.1590207	0.27596311	2.3365157	21	1 2.5	18.6
270968 2002 VU_{102}	17.4	X	61.40491	64.90576	343.52312	2.35927	0.1667496	0.27323693	2.3520314	21	—	—
270969 2002 VK_{104}	15.3	X	101.84052	127.99683	246.31120	8.25175	0.1817004	0.16988246	3.2287693	21	1 5.8	19.9
270970 2002 VS_{104}	16.6	X	289.75578	283.08425	34.04079	5.86671	0.2090393	0.29574702	2.2311176	21	4 9.3	19.4
270971 2002 VW_{106}	17.3	X	52.71434	150.01554	243.75694	5.99520	0.1192854	0.27031006	2.3689792	21	—	—
270972 2002 VM_{107}	16.9	X	187.30887	129.12163	256.00142	6.60637	0.1986115	0.23629172	2.5912166	21	4 2.6	21.4
270973 2002 VL_{116}	15.3	X	248.37842	228.34693	70.36289	11.74495	0.2802775	0.18315127	3.0708794	21	2 17.3	20.8
270974 2002 VB_{129}	17.3	X	266.86000	82.66921	239.99016	5.00460	0.2499886	0.29431412	2.2383534	21	3 16.5	21.0
270975 2002 VW_{133}	17.2	X	46.19066	334.93867	117.75819	5.56232	0.1570589	0.27647775	2.3336153	21	—	—
270976 2002 VV_{141}	17.8	X	68.49620	181.63564	179.13276	1.22691	0.2051292	0.27002276	2.3706592	21	—	—
270977 2002 VC_{142}	15.4	X	188.46637	257.43328	43.43450	9.28077	0.0599062	0.17032704	3.2231485	21	1 1.1	20.3
270978 2002 VN_{144}	15.7	X	134.09130	216.12623	117.20700	2.81640	0.1794841	0.16992518	3.2282282	21	—	—
270979 2002 VP_{146}	17.1	X	134.68712	193.14279	126.30441	3.38158	0.2288975	0.27512620	2.3412516	21	—	—
270980 2002 WJ_{11}	17.3	X	312.99269	285.78323	123.93368	3.01956	0.2095988	0.25604017	2.4562014	21	10 10.4	19.2
270981 2002 WN_{11}	17.1	X	49.16632	27.93280	28.75454	6.87440	0.1048368	0.27012593	2.3700556	21	—	—
270982 2002 WS_{19}	17.3	X	294.05943	98.84120	60.08278	4.14250	0.2779831	0.26494780	2.4008361	21	—	—
270983 2002 WO_{26}	17.5	X	71.70758	145.36478	209.22790	5.62110	0.2647859	0.26955486	2.3734018	21	—	—
270984 2002 WF_{28}	17.9	X	338.40221	299.30986	157.49724	2.43173	0.1816405	0.26544213	2.3978544	21	—	—
270985 2002 WD_{29}	17.5	X	67.14263	220.14094	208.29755	4.63092	0.1429763	0.27611081	2.3356823	21	—	—
270986 2002 XA_{5}	17.5	X	27.86278	67.71248	79.87385	20.21183	0.0957152	0.38626002	1.8673091	21	—	—
270987 2002 XW_{6}	16.2	X	310.92708	23.92860	101.09825	10.25390	0.1902169	0.26089007	2.4256661	21	—	—
270988 2002 XC_{16}	15.5	X	97.54124	46.66513	321.93328	9.99740	0.1153765	0.16772260	3.2564293	21	—	—
270989 2002 XT_{17}	17.4	X	20.29524	206.34772	233.67360	0.49222	0.1577248	0.26899212	2.3767108	21	—	—
270990 2002 XW_{22}	17.1	X	21.17879	61.95570	42.72660	4.28975	0.1074401	0.27220988	2.3579439	21	—	—
270991 2002 XU_{25}	16.9	X	323.74781	191.43613	263.09927	5.10768	0.0954909	0.26239167	2.4164030	21	—	—
270992 2002 XA_{28}	16.5	X	118.23515	136.75555	240.86073	4.79293	0.0858528	0.27593564	2.3366707	21	—	—
270993 2002 XQ_{37}	16.5	X	183.73676	210.54691	218.84926	14.90712	0.1609859	0.23925121	2.5698037	21	5 27.1	20.7
270994 2002 XV_{39}	17.5	X	358.51457	355.80031	85.94381	2.57312	0.1589036	0.26632034	2.3925802	21	—	—
270995 2002 XP_{47}	17.4	X	342.08093	302.10080	59.64228	22.79296	0.0965220	0.36045682	1.9553922	21	10 30.4	19.1
270996 2002 XX_{57}	17.0	X	4.49152	311.67677	155.80681	2.86108	0.1750483	0.26939586	2.3743356	21	—	—
270997 2002 XQ_{60}	16.9	X	129.86873	298.47706	76.86497	3.85590	0.1705594	0.27784662	2.3259443	21	1 18.9	19.7
270998 2002 XQ_{62}	17.7	X	58.65032	37.37681	86.42843	23.30421	0.0816443	0.38615394	1.8676510	21	1 15.7	19.1
270999 2002 XY_{65}	15.3	X	42.92079	95.13794	22.95561	20.66670	0.3390783	0.16699930	3.2658253	21	3 14.7	18.5
271000 2002 XK_{73}	16.3	X	163.44315	121.10177	275.40305	6.25634	0.1467342	0.23215835	2.6218822	21	3 23.5	20.5
271001 2002 XK_{74}	17.2	X	58.28530	340.58923	44.56328	3.58335	0.2432821	0.26897951	2.3767851	21	—	—
271002 2002 XB_{75}	16.6	X	221.27071	22.05568	57.51268	7.53396	0.1192013	0.24454602	2.5325750	21	7 19.5	20.4
271003 2002 XC_{86}	16.1	X	199.29799	349.34866	66.21795	15.65394	0.1734222	0.23877132	2.5732458	21	5 23.8	20.3
271004 2002 XE_{87}	17.0	X	22.66616	350.65361	60.10853	8.08822	0.2214195	0.26511748	2.3998115	21	—	—
271005 2002 XN_{94}	17.4	X	344.14922	141.61645	327.40070	3.14341	0.1956589	0.26786772	2.3833572	21	—	—
271006 2002 XA_{115}	17.1	X	138.31051	148.64100	229.47348	6.31621	0.1193892	0.27931124	2.3178061	21	1 22.9	20.2
271007 2002 XF_{117}	17.0	X	29.00826	239.87475	107.95564	3.37260	0.2317058	0.26191304	2.4193459	21	12 19.5	19.9
271008 2002 YM_{2}	17.1	X	308.48793	347.37143	133.71565	5.40489	0.2586223	0.26000777	2.4311504	21	—	—
271009 Reitterferenc	17.4	X	24.39628	114.96531	299.84843	0.66704	0.1806781	0.26469661	2.4023547	21	—	—
271010 2002 YE_{6}	17.0	X	357.66516	4.73262	88.28200	8.02851	0.1620835	0.26651401	2.3914209	21	—	—
271011 2002 YT_{9}	15.9	X	138.26906	226.96691	275.53619	13.81575	0.1813815	0.23765642	2.5812873	21	7 15.7	20.0
271012 2002 YR_{17}	16.9	X	36.88311	319.83951	78.66039	6.35879	0.2087700	0.26664711	2.3906250	21	—	—
271013 2002 YN_{29}	16.1	X	174.42280	113.61596	299.28669	14.73370	0.1308697	0.23196930	2.6233066	21	4 19.3	20.5
271014 2002 YO_{30}	17.4	X	298.06455	31.14354	112.10044	5.75965	0.1714304	0.26178308	2.4201465	21	—	—
271015 2003 AW	16.5	X	203.82276	265.16622	141.32805	8.60198	0.2315942	0.23770920	2.5809052	21	5 17.5	21.1
271016 2003 AF_{2}	15.7	X	84.28628	239.32563	290.69214	16.21048	0.1536250	0.22951768	2.6419542	21	6 20.9	19.3
271017 2003 AV_{10}	16.4	X	225.86235	65.85104	344.36847	2.08438	0.2174655	0.24236530	2.5477438	21	6 7.0	20.5
271018 2003 AV_{15}	16.8	X	29.51294	24.60349	58.73214	7.07706	0.0872869	0.26841728	2.3801029	21	—	—
271019 2003 AY_{16}	17.1	X	271.35117	107.34240	83.95564	24.46147	0.0441214	0.37270112	1.9123274	21	—	—
271020 2003 AT_{20}	16.5	X	312.91205	63.43396	87.15836	9.48196	0.1752699	0.26472857	2.4021613	21	—	—
271021 2003 AB_{40}	16.7	X	311.99003	223.63540	250.79762	4.89012	0.1428073	0.25918859	2.4362703	21	—	—
271022 2003 AP_{44}	16.6	X	39.02194	359.39896	70.13020	6.80390	0.0865893	0.26812221	2.3818488	21	—	—
271023 2003 AD_{46}	16.6	X	355.13142	20.87394	80.90764	8.48447	0.1372099	0.26553982	2.3972663	21	—	—
271024 2003 AL_{54}	16.5	X	323.11196	47.80287	102.84433	10.57521	0.0953556	0.26532255	2.3985749	21	—	—
271025 2003 AQ_{64}	16.7	X	317.53324	270.37831	214.75666	5.89231	0.0987529	0.26215127	2.4178800	21	—	—
271026 2003 AP_{73}	17.3	X	320.18096	127.10555	317.79925	3.28025	0.1969047	0.25803227	2.4435433	21	12 23.7	19.0
271027 2003 AJ_{81}	16.5	X	154.09143	327.99916	46.56296	13.74929	0.2145374	0.27966379	2.3158578	21	2 26.0	20.3
271028 2003 AC_{88}	16.9	X	11.19177	348.09201	136.42739	6.83170	0.1401144	0.27223859	2.3577781	21	—	—
271029 2003 BU_{30}	17.1	X	10.49788	316.16438	129.66450	5.72467	0.0870163	0.26364896	2.4087146	21	—	—
271030 2003 BX_{30}	17.4	X	310.55288	24.64390	124.19265	2.80660	0.1307146	0.26245905	2.4159893	21	—	—
271031 2003 BD_{31}	16.6	X	97.22291	98.90866	284.78197	5.12001	0.2239725	0.26981787	2.3718592	21	—	—
271032 2003 BW_{34}	17.0	X	314.56000	318.13303	141.75739	4.12438	0.1353149	0.25830330	2.4418337	21	—	—
271033 2003 BO_{49}	16.9	X	111.35419	80.95851	105.73147	5.87273	0.2226884	0.23612946	2.5924035	21	8 22.3	21.0
271034 2003 BZ_{49}	16.5	X	235.18623	252.45679	297.84110	5.44467	0.0789679	0.25763222	2.4460722	21	—	—
271035 2003 BY_{56}	17.3	X	277.02974	240.03162	267.61628	1.54256	0.1438228	0.25816611	2.4426987	21	12 31.3	19.9
271036 2003 BV_{78}	16.7	X	283.90213	36.30861	85.69952	6.91057	0.0766599	0.25550645	2.4596207	21	12 14.0	19.3
271037 2003 CQ_{3}	16.7	X	44.90747	357.33878	136.12260	27.16656	0.0851528	0.37894795	1.8912532	21	1 8.3	18.4
271038 2003 CT_{10}	16.9	X	307.18937	41.15614	49.63322	4.25418	0.1925927	0.25511331	2.4621469	21	11 30.6	19.0
271039 2003 DD_{5}	16.4	X	231.43761	304.12079	301.23648	7.92681	0.1667148	0.26158161	2.4213890	21	—	—
271040 2003 DA_{17}	16.6	X	87.95862	132.65236	343.71654	4.47291	0.1543510	0.22419948	2.6835703	21	4 11.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271041 2003 EY_3	17.3	X	74.54119	98.20841	353.67288	19.81982	0.0642682	0.37819913	1.8937488	21	—	—
271042 2003 FC_3	17.2	X	347.94199	134.85478	58.83595	22.03407	0.0686904	0.37747185	1.8961805	21	1 5.9	19.4
271043 2003 FP_4	17.0	X	323.58667	173.04006	55.95096	23.71727	0.0480475	0.37754560	1.8959335	21	2 6.2	19.6
271044 2003 FK_6	16.2	X	107.49606	197.26975	11.80426	13.67352	0.1174664	0.23347003	2.6120528	21	9 8.6	20.1
271045 2003 FR_8	17.7	X	265.88500	263.81558	352.74566	18.57340	0.0441211	0.37420764	1.9071914	21	—	—
271046 2003 FT_8	17.2	X	48.93746	79.24290	3.36141	18.30028	0.0857716	0.36999644	1.9216355	21	—	—
271047 2003 FU_8	16.8	X	39.53325	226.82340	202.00690	20.91469	0.1035573	0.36594157	1.9358047	21	—	—
271048 2003 FN_9	15.9	X	335.82464	88.61682	101.68254	9.69325	0.2015689	0.21442825	2.7644881	21	1 5.2	19.5
271049 2003 FW_{25}	16.6	X	95.05806	238.46378	350.70287	3.45952	0.1564352	0.23566664	2.5957965	21	9 20.4	20.4
271050 2003 FW_{33}	16.5	X	332.33982	271.94553	30.30909	6.56114	0.1427618	0.22654282	2.6650325	21	6 8.1	19.4
271051 2003 FY_{68}	17.1	X	164.82508	57.70553	91.21360	6.20503	0.1446947	0.23544934	2.5973934	21	8 20.5	21.2
271052 2003 FQ_{74}	16.6	X	112.96445	82.01659	155.07872	9.79220	0.1611536	0.23687672	2.5869485	21	10 22.5	20.8
271053 2003 FW_{131}	16.4	X	44.17917	357.36156	13.95515	7.61422	0.0327743	0.25079984	2.4902974	21	—	—
271054 2003 GU	17.6	X	282.42828	53.00225	189.20406	22.44524	0.0445536	0.37305601	1.9111144	21	—	—
271055 2003 GB_5	16.7	X	149.88899	25.11041	184.70397	8.49376	0.1349389	0.24019230	2.5630869	21	10 21.1	20.7
271056 2003 GP_8	17.1	X	16.16248	89.08159	31.39429	21.43579	0.0679016	0.36854147	1.9266898	21	—	—
271057 2003 GH_{34}	16.0	X	43.59004	100.65309	152.86071	16.40537	0.1565353	0.22733873	2.6588087	21	8 14.6	19.0
271058 2003 GC_{36}	15.7	X	137.16182	12.52030	99.09539	13.27569	0.2319533	0.22890813	2.6466422	21	6 11.6	20.1
271059 2003 GG_{45}	16.7	X	29.33935	187.54271	52.30753	4.98689	0.1236841	0.22573980	2.6713490	21	6 26.5	19.6
271060 2003 GZ_{48}	16.3	X	299.88441	223.33078	161.38145	15.45379	0.0328792	0.23849491	2.5752336	21	8 27.4	19.5
271061 2003 GR_{56}	17.0	X	14.94363	232.97848	80.16460	5.35608	0.0527987	0.23245406	2.6196581	21	9 12.7	20.3
271062 2003 HF_{13}	17.1	X	156.02468	31.63514	195.06754	11.75186	0.1236606	0.24163251	2.5528922	21	11 17.2	21.1
271063 2003 HX_{15}	16.3	X	97.08606	93.72865	163.87161	28.29530	0.3336437	0.23264898	2.6181947	21	11 15.7	21.5
271064 2003 HJ_{17}	16.1	X	92.11674	232.62878	54.87917	13.33984	0.1729921	0.24032434	2.5621480	21	11 30.4	20.1
271065 2003 HF_{19}	17.3	X	93.25332	93.56991	201.50605	7.55141	0.2161147	0.23926959	2.5696721	21	12 14.9	21.5
271066 2003 HP_{27}	17.0	X	270.86234	149.64840	83.00406	23.41808	0.0438628	0.37142828	1.9166938	21	—	—
271067 2003 HF_{44}	17.4	X	94.54954	218.27151	58.19339	6.13949	0.2589603	0.23677925	2.5876584	21	11 26.3	21.7
271068 2003 JN_2	17.4	X	76.75016	31.01112	46.94645	22.26425	0.0785324	0.37033138	1.9204767	21	—	—
271069 2003 JH_4	17.0	X	16.36347	78.85326	66.19051	22.97266	0.0749209	0.37099533	1.9181847	21	—	—
271070 2003 JC_5	17.0	X	114.22570	111.25681	176.47020	4.23006	0.3136119	0.24014474	2.5634253	21	12 26.2	21.7
271071 2003 JN_8	16.1	X	143.30404	170.16688	71.42181	15.95621	0.0565072	0.24025602	2.5626337	21	11 22.6	19.7
271072 2003 KZ_6	16.3	X	99.21662	137.03789	172.97911	10.98868	0.1760524	0.24045883	2.5611926	21	—	—
271073 2003 KU_{13}	16.1	X	87.62599	283.00490	34.75546	17.42348	0.3651130	0.23915664	2.5704812	21	—	—
271074 2003 KB_{32}	14.9	X	35.69111	171.12345	149.94963	9.65009	0.2414097	0.12421354	3.9782318	21	11 2.4	20.0
271075 2003 LS_4	16.1	X	150.43082	151.67723	91.34133	16.07193	0.0750726	0.24203187	2.5500832	21	12 2.9	19.9
271076 2003 ML_3	15.4	X	156.28198	222.09930	64.71563	4.79350	0.2767389	0.24296072	2.5435796	21	—	—
271077 2003 MW_4	16.6	X	133.10273	143.54488	144.73961	4.88084	0.2796406	0.23943594	2.5684818	21	—	—
271078 2003 NU_4	16.3	X	355.62016	118.14759	160.75052	15.91687	0.2709582	0.21957656	2.7211056	21	6 15.7	18.8
271079 2003 OO_1	15.9	X	89.18531	331.84543	289.96423	10.84075	0.1638533	0.22937038	2.6430851	21	10 20.9	20.1
271080 2003 OU_7	16.1	X	130.40886	88.77685	149.53476	13.60076	0.2333033	0.23241069	2.6199841	21	11 11.7	20.9
271081 2003 OF_{10}	17.1	X	37.55133	29.10975	327.15079	6.34254	0.1463573	0.28476618	2.2881111	21	—	—
271082 2003 OB_{12}	16.3	X	86.54742	119.25923	197.84025	14.40057	0.1872121	0.23347217	2.6120369	21	12 30.5	20.7
271083 2003 ON_{23}	16.6	X	306.12597	102.85551	213.02633	3.35071	0.0938995	0.21134053	2.7913493	21	5 24.8	20.3
271084 2003 PE_8	15.5	X	160.78357	349.50085	318.39851	12.89688	0.1485295	0.18685598	3.0301541	21	—	—
271085 2003 QB_3	16.2	X	350.10153	318.75089	303.68480	5.75805	0.1164861	0.21028613	2.8006723	21	5 16.5	19.4
271086 2003 QD_4	16.4	X	312.20787	171.20011	169.18052	9.20378	0.1308129	0.21485487	2.7608273	21	6 30.7	19.9
271087 2003 QL_7	16.7	X	8.43061	349.75107	316.14540	1.96310	0.2829359	0.21988236	2.7185821	21	9 9.7	18.7
271088 2003 QR_7	15.7	X	66.62193	217.80711	154.95557	16.08306	0.2272840	0.17885644	3.1198448	21	—	—
271089 2003 QO_{13}	15.8	X	322.15518	174.58382	150.41843	14.03399	0.3250265	0.21368275	2.7709142	21	5 28.3	19.0
271090 2003 QC_{16}	16.5	X	280.81659	148.35681	192.48764	8.92806	0.1698862	0.20885765	2.8134279	21	5 13.6	20.6
271091 2003 QA_{20}	16.0	X	353.24076	325.80871	351.18184	11.47989	0.2515609	0.21759029	2.7376403	21	8 16.9	18.1
271092 2003 QE_{21}	15.6	X	86.82939	34.84141	355.61222	15.28553	0.2478772	0.18284525	3.0743049	21	1 17.6	19.7
271093 2003 QR_{22}	15.8	X	35.28886	143.81925	235.79396	4.37948	0.2275459	0.17375955	3.1805600	21	—	—
271094 2003 QT_{26}	15.6	X	75.52182	58.68411	334.47140	15.88397	0.2640988	0.18115177	3.0934350	21	1 4.8	19.4
271095 2003 QD_{27}	17.5	X	155.43221	90.56653	306.66303	6.16790	0.1761204	0.30624588	2.1798296	21	3 11.4	20.6
271096 2003 QH_{31}	16.0	X	60.78116	205.76121	180.75895	10.66572	0.2305324	0.18010567	3.1054017	21	—	—
271097 2003 QA_{72}	16.0	X	16.14384	231.18397	88.14700	5.14832	0.0930067	0.22167344	2.7039186	21	9 25.9	19.2
271098 2003 QJ_{75}	15.8	X	300.31658	145.11801	194.26955	9.14238	0.1688129	0.21156256	2.7893960	21	6 5.9	19.5
271099 2003 QB_{78}	15.7	X	352.74725	152.82921	200.61162	9.84129	0.3194479	0.21897030	2.7261259	21	10 18.9	17.3
271100 2003 QZ_{92}	15.8	X	272.24319	298.18882	30.62883	9.72314	0.1052603	0.20597134	2.8396502	21	4 24.9	19.9
271101 2003 QF_{94}	16.4	X	325.33219	169.05297	144.28649	6.10377	0.2002593	0.21390453	2.7689985	21	6 5.7	19.4
271102 2003 QD_{96}	16.1	X	101.88798	251.52510	26.94678	11.65261	0.2921444	0.23085803	2.6317183	21	12 3.6	20.8
271103 2003 QZ_{98}	16.1	X	253.47875	285.62125	340.86257	9.87630	0.1086644	0.19536565	2.9415117	21	1 22.6	20.7
271104 2003 QV_{100}	17.1	X	68.61185	110.32342	260.73771	3.91218	0.1096254	0.29140888	2.2532058	21	—	—
271105 2003 QT_{101}	16.0	X	289.71153	212.56450	128.24440	10.11080	0.2826131	0.20983695	2.8046677	21	5 10.6	20.2
271106 2003 QL_{114}	16.0	X	139.71848	334.50952	339.39094	7.37372	0.0782052	0.18173102	3.0868581	21	—	—
271107 2003 RK	15.6	X	43.00947	143.12834	181.40801	27.03226	0.3426497	0.22776312	2.6555049	21	12 15.9	20.1
271108 2003 RP_4	15.5	X	101.12856	267.92077	134.13332	16.19041	0.1735715	0.18632947	3.0358596	21	2 3.9	19.7
271109 2003 RV_{10}	16.0	X	94.33465	119.28738	185.50006	29.89836	0.2878586	0.23311586	2.6146978	21	12 28.9	21.2
271110 2003 RO_{11}	16.5	X	346.21551	141.05888	167.37371	3.45122	0.0793738	0.21354773	2.7720820	21	7 17.6	19.7
271111 2003 RH_{17}	16.4	X	9.89983	297.11002	336.08344	8.11162	0.1032967	0.21271012	2.7793545	21	7 10.2	19.7
271112 2003 RK_{18}	16.2	X	326.50714	176.92057	167.17583	9.89712	0.2102884	0.21751797	2.7382470	21	7 20.2	19.1
271113 2003 RR_{22}	15.6	X	0.99178	54.05345	257.89879	11.82143	0.2035933	0.21708668	2.7418726	21	8 16.2	18.4
271114 2003 RV_{25}	15.6	X	111.53526	13.25169	318.83715	17.15772	0.3037187	0.18038044	3.1022473	21	—	—
271115 2003 SQ_2	16.5	X	121.75509	83.03591	293.52740	1.43516	0.0911942	0.18741351	3.0241415	21	1 17.3	20.6
271116 2003 ST_2	15.9	X	319.61503	115.58811	187.85900	5.86920	0.0891106	0.15294479	3.4629503	21	6 1.2	20.5
271117 2003 SP_5	16.6	X	322.41581	297.93189	359.52810	4.19949	0.0615931	0.20846610	2.8169497	21	5 27.0	20.2
271118 2003 SB_6	16.1	X	120.79281	276.69910	49.21762	3.93320	0.1811067	0.17917538	3.1161414	21	—	—
271119 2003 SE_8	17.5	X	39.33204	187.73122	185.87279	6.06090	0.1355176	0.28447746	2.2896590	21	—	—
271120 2003 ST_{15}	16.5	X	323.73685	121.75192	177.53313	9.27025	0.2086834	0.21034273	2.8001699	21	5 13.6	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271121 2003 SB_{22}	16.3	X	141.38812	42.00894	343.84820	9.67337	0.1192219	0.19201677	2.9756141	21	2 22.9	20.8
271122 2003 SB_{30}	16.2	X	323.66685	157.00501	178.47522	6.52103	0.0519724	0.21389671	2.7690661	21	7 20.9	19.8
271123 2003 SN_{42}	15.8	X	219.34552	168.86932	198.43356	15.10112	0.1466855	0.20371757	2.8605556	21	4 15.0	20.5
271124 2003 SM_{43}	15.9	X	154.34700	40.96458	317.87222	6.89384	0.1777416	0.19112611	2.9848514	21	2 8.3	20.6
271125 2003 SK_{47}	15.8	X	232.66862	154.22372	227.33150	4.17294	0.1021160	0.20481302	2.8503466	21	5 18.4	20.0
271126 2003 SE_{53}	17.2	X	138.00024	64.98010	317.20842	8.14203	0.1561591	0.29900080	2.2149018	21	1 31.8	19.8
271127 2003 SQ_{57}	16.0	X	52.83630	297.51537	11.80886	11.30534	0.3175148	0.22486500	2.6782728	21	11 30.8	20.2
271128 2003 SM_{62}	16.1	X	327.09082	283.93344	63.45804	5.57278	0.1279482	0.21553631	2.7550052	21	8 8.9	19.2
271129 2003 SU_{62}	15.7	X	351.00753	331.87117	311.31333	9.39733	0.1612756	0.21187003	2.7866966	21	6 16.5	18.6
271130 2003 SV_{63}	15.8	X	39.69381	55.54647	302.91362	16.30336	0.1501324	0.17271572	3.1933619	21	12 16.2	20.3
271131 2003 SA_{71}	16.1	X	79.18854	109.35006	293.42589	8.47480	0.1083109	0.18428160	3.0583093	21	—	—
271132 2003 SJ_{74}	17.7	X	171.44070	34.43936	334.47376	4.38122	0.1448493	0.30423410	2.1894286	21	2 19.2	20.6
271133 2003 SU_{76}	15.9	X	172.22116	160.08106	200.98771	9.95851	0.1136666	0.19185074	2.9773306	21	2 20.2	20.7
271134 2003 SL_{78}	16.8	X	352.38861	107.06767	211.50365	6.67897	0.2801811	0.21729440	2.7401249	21	8 9.5	18.8
271135 2003 SB_{106}	15.4	X	120.14708	80.59777	290.47997	8.44312	0.1058453	0.18573065	3.0423815	21	1 11.1	19.7
271136 2003 SW_{111}	16.4	X	317.49221	99.54462	206.11860	8.29036	0.1470947	0.20976339	2.8053233	21	5 20.7	19.8
271137 2003 SS_{113}	16.1	X	78.71072	352.88546	258.95290	8.70579	0.1913605	0.22326792	2.6910298	21	9 30.6	20.2
271138 2003 ST_{118}	16.7	X	251.83264	334.68373	13.11166	5.48804	0.0768874	0.20267968	2.8703129	21	4 28.2	20.8
271139 2003 SX_{123}	15.7	X	51.59443	92.55741	308.47832	8.56033	0.0999986	0.18060105	3.0997205	21	—	—
271140 2003 SG_{132}	15.3	X	330.04443	330.82475	199.14614	11.24128	0.0148592	0.18456118	3.0552199	21	1 4.1	19.8
271141 2003 SN_{134}	16.1	X	121.51072	199.38630	255.97943	4.62700	0.0279319	0.20086452	2.8875792	21	4 11.6	20.2
271142 2003 SL_{139}	15.8	X	328.60194	78.60154	208.14532	5.65619	0.0356180	0.20544458	2.8445021	21	5 26.3	19.5
271143 2003 SM_{144}	14.6	X	33.15850	97.10520	306.04629	12.07262	0.2867803	0.17493744	3.1662670	21	—	—
271144 2003 SB_{155}	18.3	X	298.85656	47.93905	289.07955	1.77206	0.2089672	0.32027975	2.1156788	21	5 16.6	20.3
271145 2003 SV_{158}	15.7	X	215.10060	214.60406	177.82200	15.37196	0.1492019	0.20467367	2.8516402	21	5 13.9	20.5
271146 2003 ST_{161}	16.0	X	154.22172	212.83328	168.78805	15.76595	0.0940570	0.19292702	2.9662472	21	2 26.8	20.4
271147 2003 SF_{162}	15.6	X	98.59010	9.18587	24.80238	17.09255	0.1214362	0.18293429	3.0733072	21	1 19.7	20.1
271148 2003 SW_{164}	15.5	X	82.59398	229.20708	181.76084	10.73592	0.0830019	0.18329922	3.0692267	21	1 8.0	19.7
271149 2003 SS_{166}	15.8	X	125.44023	170.07153	239.82840	8.43602	0.1847405	0.19062695	2.9900597	21	3 9.7	20.4
271150 2003 SL_{169}	15.6	X	315.96346	311.48885	25.17181	8.30825	0.2345948	0.21278968	2.7786617	21	6 14.7	18.9
271151 2003 SZ_{169}	15.6	X	344.57036	106.51575	206.39447	13.43190	0.0749563	0.21311605	2.7758241	21	7 18.5	19.3
271152 2003 SO_{170}	17.5	X	75.52912	322.10733	7.97276	3.42931	0.1360384	0.28383022	2.2931385	21	—	—
271153 2003 SV_{176}	15.9	X	129.97064	225.66506	171.56316	10.29905	0.0850990	0.19070842	2.9892080	21	2 17.9	20.2
271154 2003 SL_{178}	16.1	X	106.22258	115.59504	238.03034	5.43188	0.1359290	0.18047648	3.1011467	21	—	—
271155 2003 SE_{195}	17.8	X	252.32356	334.10156	339.39529	4.75356	0.1868360	0.30932103	2.1653582	21	2 24.9	21.2
271156 2003 SV_{197}	17.6	X	43.05940	304.27001	116.61596	2.24597	0.1848883	0.28985900	2.2612306	21	—	—
271157 2003 SE_{210}	15.7	X	173.75724	142.45181	195.81383	7.67081	0.1031679	0.19015133	2.9950436	21	1 26.4	20.4
271158 2003 SY_{211}	16.3	X	308.91656	196.69461	113.96068	9.62642	0.2110230	0.20978917	2.8050935	21	5 7.0	20.0
271159 2003 SY_{225}	15.4	X	238.98378	137.46600	204.81560	7.83498	0.0742298	0.19753966	2.9198902	21	4 8.3	19.6
271160 2003 SQ_{228}	16.3	X	211.01137	331.19566	6.64258	3.68958	0.1446059	0.19597767	2.9353844	21	3 4.4	21.1
271161 2003 SC_{229}	16.1	X	141.58461	1.01187	27.90188	11.78972	0.0312937	0.18923071	3.0047497	21	2 21.6	20.5
271162 2003 SS_{230}	15.5	X	82.58174	220.81613	160.32813	10.97710	0.0921699	0.18277073	3.0751404	21	—	—
271163 2003 SK_{231}	16.1	X	267.03565	320.04746	63.20639	5.24189	0.0821615	0.21077099	2.7963755	21	7 2.6	20.0
271164 2003 SW_{235}	15.5	X	36.16996	77.63626	3.79877	25.24365	0.2497820	0.17938439	3.1137204	21	—	—
271165 2003 SV_{238}	15.6	X	193.75608	293.56480	344.32624	8.01816	0.0352424	0.18399220	3.0615153	21	—	—
271166 2003 SE_{243}	17.2	X	60.32493	331.51950	299.55857	1.05450	0.1721939	0.22024841	2.7155691	21	10 4.1	20.7
271167 2003 SS_{250}	15.4	X	127.79092	5.80415	35.76376	14.93762	0.2030919	0.18742352	3.0240339	21	3 15.1	20.2
271168 2003 SV_{254}	16.0	X	90.94798	26.73846	10.76231	11.84087	0.1327745	0.18401691	3.0612413	21	1 13.3	20.2
271169 2003 SW_{254}	15.5	X	81.25376	249.00914	187.65504	10.73140	0.0786476	0.18851623	3.0123369	21	2 3.9	19.7
271170 2003 SM_{260}	16.1	X	42.98787	327.98165	224.77189	4.57446	0.0509427	0.20358826	2.8617667	21	5 7.8	19.6
271171 2003 SF_{264}	16.0	X	87.60142	251.82531	101.64108	2.42824	0.1272593	0.17817154	3.1278349	21	—	—
271172 2003 SA_{265}	16.0	X	137.72268	281.08567	101.07379	5.52437	0.0755920	0.18986401	2.9980643	21	2 10.1	20.3
271173 2003 SM_{265}	16.6	X	349.02691	195.26661	256.84592	2.97920	0.1239756	0.17723990	3.1387860	21	—	—
271174 2003 SW_{269}	17.1	X	121.36404	301.81822	101.66740	6.69539	0.1316902	0.29945950	2.2126395	21	2 4.8	19.6
271175 2003 SZ_{269}	17.8	X	166.43042	221.39958	157.24390	8.44827	0.2091323	0.30344746	2.1932108	21	3 4.6	21.1
271176 2003 SO_{273}	15.9	X	132.63754	188.41005	199.90171	4.80990	0.1583128	0.18867428	3.0106544	21	2 18.9	20.5
271177 2003 SJ_{275}	15.9	X	330.46141	284.84196	35.97948	4.86355	0.0921733	0.21038543	2.7997909	21	7 9.4	19.3
271178 2003 SX_{278}	16.2	X	320.10453	329.41254	346.45533	8.57850	0.2499889	0.20983370	2.8046967	21	5 18.6	19.5
271179 2003 SH_{281}	15.6	X	340.94191	111.29135	141.67615	6.57982	0.0439856	0.20107125	2.8855995	21	4 30.4	19.4
271180 2003 SM_{282}	15.7	X	135.49310	15.76461	20.86026	10.44305	0.1093785	0.19033987	2.9930653	21	3 3.6	20.2
271181 2003 SZ_{284}	15.9	X	325.73033	355.52722	307.86073	5.95280	0.1235932	0.20911563	2.8111136	21	6 1.7	19.4
271182 2003 SA_{285}	16.4	X	7.51339	307.79423	336.90813	8.05903	0.2303737	0.21452581	2.7636498	21	7 30.4	18.7
271183 2003 SW_{297}	16.8	X	322.82569	118.87243	215.22223	19.50059	0.2486509	0.21394469	2.7686520	21	6 20.3	20.1
271184 2003 SF_{298}	15.9	X	253.96144	321.52694	41.28546	7.08743	0.0789288	0.20588118	2.8404792	21	5 19.9	19.9
271185 2003 SP_{300}	15.9	X	193.94596	329.39643	310.49141	7.23875	0.0480698	0.18452272	3.0556444	21	—	—
271186 2003 ST_{303}	16.2	X	334.07621	134.91952	175.86980	8.82052	0.2116318	0.21138035	2.7909988	21	6 17.3	19.2
271187 2003 SJ_{304}	15.2	X	14.39044	258.31898	186.78827	15.96799	0.2125887	0.17630880	3.1498272	21	—	—
271188 2003 SK_{305}	15.4	X	163.10209	133.64468	250.27739	9.58497	0.0719611	0.19203146	2.9754623	21	3 5.4	20.1
271189 2003 SC_{309}	15.1	X	219.11779	350.43272	317.92458	12.40787	0.0984627	0.19090167	2.9871903	21	2 6.1	19.6
271190 2003 SN_{309}	18.4	X	228.16244	59.94134	302.50677	1.77093	0.1690119	0.31240342	2.1510914	21	4 6.2	21.4
271191 2003 SQ_{310}	15.4	X	121.77688	303.88743	84.67046	11.61905	0.1382828	0.18716629	3.0268039	21	2 10.0	19.9
271192 2003 SG_{315}	15.5	X	271.19918	225.94283	113.52422	16.15351	0.1535876	0.20507669	2.8479030	21	5 8.3	20.0
271193 2003 SH_{320}	15.5	X	224.11014	275.48926	308.64497	8.77289	0.0598194	0.18140209	3.0905885	21	—	—
271194 2003 SA_{321}	16.5	X	44.35380	236.22691	61.48122	7.57043	0.2203027	0.22050063	2.7134979	21	10 27.7	19.9
271195 2003 SF_{321}	16.7	X	224.95062	294.11170	46.49556	2.67320	0.0933483	0.19815253	2.9138664	21	3 22.4	21.1
271196 2003 SM_{321}	15.5	X	211.21866	328.37710	348.08028	9.13797	0.0901389	0.18975033	2.9992616	21	2 10.2	20.1
271197 2003 SB_{325}	16.2	X	56.79417	58.51438	205.21455	10.49922	0.0703805	0.21756307	2.7378686	21	8 31.9	20.0
271198 2003 SE_{328}	16.4	X	228.93393	352.02847	315.36943	6.87773	0.0371642	0.19504945	2.9446898	21	2 15.8	20.5
271199 2003 SM_{329}	16.1	X	272.12634	71.48904	225.82907	6.81918	0.0593171	0.19562972	2.9388640	21	3 21.4	20.4
271200 2003 SO_{329}	15.8	X	119.46990	233.16324	173.77231	10.70830	0.0933831	0.18792023	3.0187028	21	2 18.9	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271201 2003 SE_{335}	16.0	X	177.43559	252.94382	174.66831	11.10333	0.0887178	0.20188101	2.8778782	21	5 20.6	20.5
271202 2003 SS_{352}	16.4	X	143.75275	167.77181	168.27724	2.60535	0.2038556	0.18515264	3.0487100	21	1 6.4	21.1
271203 2003 SX_{354}	16.0	X	34.51827	70.17285	328.23013	10.92778	0.0970647	0.17784321	3.1316834	21	—	—
271204 2003 SB_{365}	16.3	X	256.28655	105.34302	273.46641	2.68952	0.1121828	0.20911618	2.8111086	21	6 8.9	20.3
271205 2003 SZ_{376}	15.7	X	166.96022	138.20866	178.28708	9.46797	0.0734730	0.18570698	3.0426399	21	—	—
271206 2003 SU_{385}	15.9	X	55.53744	358.58215	166.74138	10.15370	0.1010612	0.19834197	2.9120107	21	4 28.6	19.6
271207 2003 SQ_{389}	16.1	X	284.28296	53.48001	65.36466	5.44717	0.1138139	0.17007033	3.2263912	21	11 17.7	20.3
271208 2003 SR_{392}	16.0	X	128.34839	232.92123	162.35940	10.37286	0.1119199	0.18892896	3.0079482	21	2 17.9	20.3
271209 2003 SW_{395}	15.6	X	161.47298	184.97695	81.58355	10.37223	0.0591026	0.17484514	3.1673812	21	12 29.4	20.4
271210 2003 SW_{410}	16.4	X	105.13772	322.69889	208.48121	3.49024	0.0413687	0.20923479	2.8100461	21	7 1.8	20.3
271211 2003 SY_{428}	16.3	X	16.71553	33.53577	219.73077	3.44090	0.1507887	0.21177104	2.7875650	21	6 24.5	19.3
271212 2003 TC	15.9	X	100.24664	173.55969	213.06628	5.18012	0.0628496	0.18148139	3.0896882	21	—	—
271213 2003 TL_{6}	15.7	X	323.93697	280.83879	40.85020	20.85964	0.1382976	0.21064481	2.7974921	21	6 20.5	19.4
271214 2003 TX_{8}	15.7	X	301.50518	309.95602	50.99901	14.40005	0.2077270	0.21288422	2.7778390	21	6 30.0	19.3
271215 2003 TT_{12}	16.2	X	98.91183	3.76302	29.57729	0.56888	0.1743265	0.18394409	3.0620492	21	1 22.2	20.3
271216 Boblambert	15.9	X	202.98578	206.70175	161.42858	5.21159	0.1402012	0.19674063	2.9277906	21	4 2.4	20.6
271217 2003 TR_{15}	15.5	X	128.70647	283.80298	85.53929	9.98907	0.1407850	0.18484840	3.0520543	21	1 24.7	20.1
271218 2003 TV_{18}	15.6	X	94.67502	66.32837	4.58044	8.43664	0.1280329	0.18857199	3.0117431	21	2 26.3	19.6
271219 2003 TH_{20}	15.8	X	184.21460	17.66123	327.17247	9.22379	0.0971156	0.19127093	2.9833445	21	2 14.9	20.5
271220 2003 TA_{29}	16.4	X	109.65076	103.09943	331.28553	1.65876	0.0655242	0.19139541	2.9820507	21	3 9.5	20.4
271221 2003 TM_{35}	16.4	X	94.67700	184.83111	229.21197	8.42382	0.1331887	0.18551808	3.0447050	21	2 1.4	20.7
271222 2003 TY_{37}	15.5	X	70.43090	213.81338	261.68495	8.41776	0.0442767	0.19164796	2.9794305	21	3 3.1	19.7
271223 2003 TP_{38}	16.4	X	21.67752	95.04245	318.76493	8.01365	0.0689704	0.17507032	3.1646646	21	—	—
271224 2003 TE_{45}	15.8	X	264.19517	215.20373	316.25192	8.15328	0.1478342	0.17368675	3.1814486	21	12 20.6	20.2
271225 2003 TN_{47}	15.8	X	46.47464	110.76446	285.19706	8.54992	0.0934019	0.17830210	3.1263079	21	—	—
271226 2003 TL_{48}	16.8	X	241.07938	48.38385	319.64556	4.95531	0.0866888	0.20492176	2.8493382	21	5 9.9	21.1
271227 2003 TY_{52}	15.7	X	278.72818	256.66142	35.56706	15.50856	0.1140025	0.19819971	2.9134040	21	3 24.0	20.1
271228 2003 TU_{54}	15.6	X	202.77809	189.00887	63.65757	8.38598	0.1091613	0.17980734	3.1088358	21	—	—
271229 2003 TQ_{55}	16.0	X	89.32274	261.10168	167.66614	11.84492	0.0931803	0.18698191	3.0287934	21	2 8.1	20.1
271230 2003 TA_{59}	15.9	X	206.32927	265.76647	40.08950	9.89138	0.0603078	0.18607084	3.0386721	21	1 25.1	20.6
271231 2003 UE_{13}	15.1	X	118.63674	329.37130	62.33261	17.48755	0.1725407	0.18498269	3.0505770	21	2 19.5	19.9
271232 2003 UZ_{13}	15.7	X	45.25710	40.36425	226.67880	12.58505	0.1227204	0.21418130	2.7666126	21	8 24.9	19.4
271233 2003 UM_{16}	15.4	X	174.65607	156.91992	204.74770	10.80941	0.1458275	0.18986386	2.9980659	21	2 24.9	20.4
271234 2003 UM_{17}	15.4	X	234.71864	69.16799	271.41226	9.92695	0.0516811	0.19530064	2.9421644	21	3 29.8	19.9
271235 Bellay	16.3	X	301.23865	305.46427	359.34338	1.59428	0.0391946	0.20124105	2.8839762	21	5 11.1	20.2
271236 2003 UQ_{30}	16.3	X	197.11537	43.51765	325.16796	5.19630	0.0918735	0.19731472	2.9221088	21	3 25.4	20.9
271237 2003 UZ_{43}	16.7	X	193.90507	57.51262	279.48265	0.40703	0.0524244	0.19071854	2.9891023	21	2 13.9	21.2
271238 2003 UY_{53}	15.5	X	132.83300	46.67373	357.21182	10.51555	0.1526979	0.18849441	3.0125695	21	3 11.4	20.0
271239 2003 UU_{61}	15.5	X	142.96220	218.31998	153.21652	9.15430	0.1238468	0.18828994	3.0147500	21	2 6.9	20.0
271240 2003 UR_{62}	15.7	X	110.91940	214.70226	166.72672	13.39154	0.1968597	0.18468278	3.0538787	21	1 23.7	20.2
271241 2003 UM_{64}	15.8	X	90.50081	309.68309	70.04788	9.83284	0.2779594	0.18080024	3.0974434	21	1 10.9	19.8
271242 2003 UP_{65}	15.9	X	151.62881	227.93970	147.39094	9.35757	0.1037139	0.18898414	3.0073627	21	2 19.0	20.4
271243 2003 UK_{71}	15.9	X	133.97519	354.68582	47.07712	2.77639	0.0330118	0.19141750	2.9818214	21	2 23.9	20.2
271244 2003 UM_{71}	16.4	X	143.16527	222.61724	163.56010	2.37132	0.0798804	0.19044991	2.9919123	21	2 19.9	20.7
271245 2003 UM_{73}	15.1	X	81.56940	181.78655	218.38907	9.09696	0.0958506	0.17976230	3.1093550	21	—	—
271246 2003 UT_{75}	15.5	X	121.72440	154.48220	247.36655	7.76011	0.1266010	0.18838917	3.0136913	21	2 17.5	20.0
271247 2003 UB_{77}	15.7	X	163.81938	35.98461	348.48877	11.11530	0.0759783	0.19140689	2.9819316	21	3 11.6	20.1
271248 2003 UZ_{77}	15.9	X	167.62849	146.31358	232.92906	8.04308	0.1068821	0.19176577	2.9782100	21	3 8.3	20.6
271249 2003 UN_{78}	15.7	X	74.63413	93.99408	277.50888	8.57369	0.0631679	0.17830775	3.1262418	21	—	—
271250 2003 UG_{80}	15.7	X	123.63307	358.66362	48.11939	9.42067	0.0924433	0.18983191	2.9984023	21	3 1.3	20.1
271251 2003 UE_{92}	16.1	X	61.94494	227.58580	122.32786	6.38183	0.1347894	0.17202150	3.2019477	21	12 29.3	20.8
271252 2003 UH_{93}	16.0	X	293.98362	97.61245	251.49238	3.80090	0.1304683	0.20872245	2.8146427	21	6 15.5	19.5
271253 2003 UP_{97}	15.4	X	239.07819	265.77807	36.97608	11.73661	0.0863124	0.19161275	2.9797955	21	2 25.3	20.1
271254 2003 UT_{102}	15.2	X	73.01938	357.53087	38.90739	11.41655	0.0711680	0.17971846	3.1098606	21	—	—
271255 2003 UW_{104}	15.4	X	349.25876	298.56160	211.17448	16.58980	0.1451396	0.18209313	3.0827644	21	—	—
271256 2003 UK_{106}	15.7	X	322.55305	181.85432	40.93405	10.53789	0.0244898	0.19180594	2.9777942	21	3 4.3	19.9
271257 2003 UA_{109}	16.2	X	2.97958	247.00486	225.99353	3.36481	0.0409058	0.17810642	3.1285972	21	—	—
271258 2003 UH_{110}	15.4	X	23.80045	42.69035	47.84363	17.19626	0.1083932	0.17753093	3.1353549	21	—	—
271259 2003 UQ_{122}	15.3	X	98.15051	258.67154	130.43014	15.73320	0.1968642	0.18058948	3.0998529	21	1 19.6	19.4
271260 2003 UD_{128}	15.6	X	52.31189	92.08954	15.25277	15.80180	0.0724939	0.18517875	3.0484234	21	2 11.5	19.8
271261 2003 UP_{141}	15.8	X	209.19323	245.86034	107.44029	6.73206	0.0809171	0.19677184	2.9274810	21	3 24.4	20.3
271262 2003 UR_{142}	15.0	X	93.57095	140.37942	249.53548	10.17382	0.0726604	0.18028844	3.1033026	21	—	—
271263 2003 UU_{147}	15.9	X	70.38244	301.68921	96.18840	6.70157	0.1317355	0.17824505	3.1269750	21	—	—
271264 2003 UW_{150}	16.1	X	86.04086	315.55048	83.82636	3.13592	0.1790990	0.18247715	3.0784379	21	1 13.2	20.0
271265 2003 UU_{158}	15.8	X	265.32338	263.63779	44.66826	9.29160	0.2028406	0.19646938	2.9304847	21	3 17.9	20.5
271266 2003 UA_{168}	15.5	X	135.27273	342.97488	56.13415	12.02638	0.0462914	0.18840679	3.0135034	21	3 1.3	20.0
271267 2003 UC_{171}	16.1	X	183.57055	197.20909	201.14006	8.33617	0.1005939	0.19659088	2.9292772	21	4 19.4	20.5
271268 2003 UR_{172}	15.5	X	251.02871	157.02347	169.94897	10.38200	0.0641207	0.19600271	2.9351344	21	4 6.1	19.8
271269 2003 UG_{183}	15.5	X	17.66821	54.70908	39.55145	16.78032	0.2167154	0.17690475	3.1427492	21	—	—
271270 2003 UT_{188}	15.5	X	89.09548	36.19533	9.54810	11.47366	0.1012249	0.18206459	3.0830866	21	1 17.4	19.8
271271 2003 UW_{190}	17.7	X	253.57673	155.00973	184.36361	3.95564	0.2428248	0.31209794	2.1524948	21	3 27.5	20.8
271272 2003 UD_{192}	15.3	X	71.97927	175.35419	228.71757	8.80905	0.0979337	0.17938594	3.1137025	21	—	—
271273 2003 UG_{198}	15.8	X	48.07941	236.43861	194.49184	8.35935	0.1073860	0.17994358	3.1072663	21	—	—
271274 2003 UQ_{200}	15.4	X	345.95720	243.41301	210.20916	15.50989	0.0965931	0.17452450	3.1712595	21	—	—
271275 2003 UN_{201}	16.1	X	213.51991	160.80313	204.68328	9.99993	0.2053469	0.19734083	2.9218511	21	4 5.4	21.2
271276 2003 UD_{209}	16.0	X	120.01763	87.15574	268.18782	2.79092	0.2513522	0.18120216	3.0928615	21	1 11.8	20.6
271277 2003 UY_{210}	15.6	X	14.80094	84.07475	35.62949	10.31963	0.1960886	0.17758348	3.1347362	21	—	—
271278 2003 UC_{217}	16.6	X	328.95245	94.09864	224.85086	8.26415	0.1933297	0.21056835	2.7981693	21	6 20.8	19.6
271279 2003 UQ_{225}	14.7	X	118.53822	319.60311	52.64021	18.05143	0.2107601	0.17995163	3.1071737	21	1 30.4	19.6
271280 2003 UB_{229}	17.4	X	151.08759	354.19540	9.29612	4.20982	0.1417518	0.29751338	2.2222780	21	1 21.9	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271281 2003 UD_{232}	15.9	X	77.97133	63.58471	31.84810	9.59579	0.1246536	0.18756342	3.0225300	21	3 7.9	19.9
271282 2003 US_{233}	15.8	X	123.33670	34.68600	27.15244	8.41909	0.0914991	0.18873314	3.0100285	21	3 17.3	20.1
271283 2003 UU_{238}	16.0	X	86.70138	218.05447	212.51947	5.00881	0.1177392	0.18679947	3.0307652	21	2 9.9	20.0
271284 2003 UP_{240}	15.6	X	207.79203	52.60111	299.35714	4.06529	0.1391726	0.19362617	2.9591025	21	3 15.9	20.5
271285 2003 UU_{244}	16.2	X	36.81378	245.78461	192.20935	9.69028	0.2082346	0.17749057	3.1358301	21	—	—
271286 2003 UF_{245}	15.5	X	206.24199	319.66536	18.07024	12.27243	0.0660300	0.19143634	2.9816258	21	3 4.7	20.1
271287 2003 UM_{247}	15.8	X	314.68865	269.07350	62.98030	8.20545	0.2314515	0.21013503	2.8020147	21	6 6.9	18.9
271288 2003 UD_{257}	15.5	X	18.30545	43.05162	78.42614	6.46526	0.2020842	0.17909243	3.1171035	21	—	—
271289 2003 UW_{264}	17.4	X	229.46479	276.10982	110.45647	5.82191	0.1605129	0.31209400	2.1525130	21	5 13.3	20.6
271290 2003 UT_{268}	16.2	X	177.65331	276.80767	78.79510	1.03976	0.2618064	0.18998534	2.9967877	21	2 28.6	21.4
271291 2003 UA_{270}	16.1	X	19.72128	187.60323	279.82545	4.51922	0.1117943	0.17928066	3.1149214	21	—	—
271292 2003 UA_{271}	15.9	X	68.79278	93.01409	351.21660	10.96497	0.1349845	0.18428648	3.0582553	21	2 9.2	19.7
271293 2003 UB_{272}	15.7	X	202.48150	305.83126	38.20974	10.38135	0.0993716	0.19167982	2.9791003	21	3 8.6	20.4
271294 2003 UQ_{273}	15.4	X	72.24789	353.90653	70.88473	10.81587	0.1155332	0.18126101	3.0921920	21	1 17.5	19.4
271295 2003 US_{277}	15.5	X	42.80667	64.33705	31.49823	15.59991	0.2096661	0.18269696	3.0759682	21	1 17.7	19.0
271296 2003 UD_{278}	15.8	X	134.49765	34.07861	14.41629	10.08888	0.1005284	0.19040901	2.9923408	21	3 14.2	20.2
271297 2003 UE_{298}	16.5	X	320.57618	48.86484	243.95053	0.94320	0.0379364	0.20245247	2.8724600	21	5 22.4	20.3
271298 2003 UD_{299}	16.3	X	155.30436	118.45541	221.33399	1.64663	0.1289425	0.18490051	3.0514808	21	1 14.6	21.0
271299 2003 UC_{304}	16.2	X	153.52981	51.80613	304.21828	3.24207	0.1196810	0.18655504	3.0334120	21	1 30.8	20.8
271300 2003 UC_{318}	17.1	X	8.51135	17.55973	272.95098	0.59590	0.2194887	0.21523778	2.7575521	21	8 8.1	19.4
271301 2003 UY_{321}	17.9	X	155.83619	40.92470	21.72676	3.66643	0.0421137	0.30785204	2.1722411	21	4 3.9	20.5
271302 2003 UA_{337}	16.7	X	351.34448	71.28064	182.48118	4.63887	0.0559613	0.20430658	2.8550550	21	5 13.9	20.4
271303 2003 UH_{338}	16.8	X	287.96473	238.39075	35.44121	2.34883	0.0451667	0.19736260	2.9216363	21	3 16.1	20.9
271304 2003 UX_{346}	16.2	X	124.25287	274.22878	30.66977	2.69752	0.1552223	0.17800757	3.1297554	21	—	—
271305 2003 UJ_{348}	16.5	X	43.36393	135.22748	83.65500	3.22364	0.0657899	0.20581597	2.8410792	21	6 14.1	20.2
271306 2003 UZ_{350}	16.4	X	351.64772	84.57271	39.37489	10.93791	0.1285427	0.18029256	3.1032554	21	—	—
271307 2003 UJ_{353}	15.6	X	255.06208	111.32506	172.01646	9.62675	0.1100710	0.19327035	2.9627334	21	2 9.4	20.2
271308 2003 UB_{354}	16.9	X	54.47314	217.33647	75.79661	5.08621	0.2631793	0.22220154	2.6996326	21	11 8.9	20.7
271309 2003 UZ_{356}	16.8	X	309.34511	359.12325	297.26528	0.99157	0.0419458	0.20104384	2.8858618	21	5 10.8	20.6
271310 2003 UH_{402}	16.3	X	69.42714	270.85711	192.39493	10.99670	0.0765427	0.19160442	2.9798817	21	2 19.9	20.3
271311 2003 UW_{414}	15.7	X	109.95446	31.79241	349.46116	9.14964	0.0518275	0.18074258	3.0981022	21	1 6.3	20.1
271312 2003 VO_{3}	15.8	X	186.20109	264.54009	49.17985	9.70839	0.0861529	0.18255404	3.0775734	21	1 13.7	20.6
271313 2003 VP_{6}	16.3	X	252.72614	284.76253	26.51025	2.44405	0.0196346	0.19156312	2.9803101	21	3 23.6	20.5
271314 2003 WE_{1}	17.8	X	83.31403	356.70296	64.64391	5.29949	0.1350181	0.29305565	2.2447569	21	—	—
271315 2003 WJ_{4}	17.3	X	76.71783	324.85645	334.28243	7.14060	0.1136553	0.27576211	2.3376509	21	11 28.0	20.6
271316 2003 WW_{4}	15.7	X	66.28195	38.34334	8.57814	7.74820	0.0620047	0.17750420	3.1356696	21	—	—
271317 2003 WG_{5}	16.4	X	52.16929	62.50342	2.47487	3.80416	0.2140002	0.17801900	3.1296215	21	—	—
271318 2003 WR_{6}	15.2	X	28.55617	56.61504	45.62500	20.41365	0.0989835	0.17842072	3.1249221	21	—	—
271319 2003 WV_{9}	17.1	X	28.08098	37.65709	311.80106	6.20952	0.1445516	0.27600632	2.3362718	21	12 9.2	19.9
271320 2003 WE_{12}	14.7	X	84.74454	320.18733	40.81431	19.48908	0.1274498	0.17316137	3.1878805	21	—	—
271321 2003 WE_{21}	16.0	X	197.85770	310.03161	29.11977	10.84875	0.0758502	0.18741327	3.0241441	21	2 26.6	20.7
271322 2003 WQ_{27}	15.5	X	147.59952	352.60324	28.00556	10.11424	0.0780537	0.18653499	3.0336293	21	2 23.2	20.1
271323 2003 WT_{28}	15.8	X	352.94107	293.65641	16.07808	11.08445	0.2467314	0.21048916	2.7988711	21	8 4.5	18.3
271324 2003 WY_{30}	15.8	X	27.21173	58.04931	10.86468	5.06845	0.1295492	0.17406735	3.1768095	21	—	—
271325 2003 WD_{31}	15.5	X	86.36245	168.93019	248.84505	8.54766	0.0867177	0.18365326	3.0652809	21	1 20.8	19.7
271326 2003 WC_{33}	17.4	X	291.54432	194.47762	287.81078	2.42076	0.1775052	0.27754191	2.3276464	21	12 24.8	19.0
271327 2003 WQ_{33}	15.8	X	112.13143	11.94895	41.89127	5.14087	0.2527279	0.18504417	3.0499012	21	3 15.4	20.4
271328 2003 WV_{35}	16.0	X	143.00923	339.15313	32.03257	7.28609	0.0952264	0.18467799	3.0539315	21	2 7.5	20.6
271329 2003 WL_{39}	15.5	X	158.12667	328.67075	26.32434	12.05171	0.0695630	0.18472451	3.0534187	21	2 3.8	20.2
271330 2003 WS_{41}	15.0	X	324.53898	246.79379	264.36155	16.03408	0.1641931	0.17313387	3.1882181	21	—	—
271331 2003 WU_{43}	15.4	X	135.65441	42.60162	299.70818	10.68875	0.1938392	0.18048996	3.1009923	21	1 6.6	20.0
271332 2003 WS_{46}	15.5	X	71.57515	206.20283	237.42724	9.63935	0.0628477	0.18432486	3.0578307	21	1 28.6	19.7
271333 2003 WZ_{48}	16.2	X	226.42263	255.96645	47.88938	5.98075	0.1019229	0.18916581	3.0054369	21	2 10.4	20.9
271334 2003 WP_{57}	15.9	X	167.42270	82.96702	262.78481	2.32217	0.2421820	0.18621728	3.0370789	21	2 8.3	21.0
271335 2003 WK_{58}	15.8	X	159.10619	295.44233	50.19754	1.83613	0.1513608	0.18365415	3.0652711	21	1 27.9	20.5
271336 2003 WS_{66}	15.8	X	171.10409	330.74998	55.07635	10.04805	0.0588063	0.18941650	3.0027846	21	3 25.4	20.4
271337 2003 WM_{69}	15.7	X	223.47920	131.82535	227.56250	5.31863	0.2394651	0.19658903	2.9292955	21	4 4.4	20.9
271338 2003 WU_{69}	15.1	X	345.75498	54.20925	75.81009	10.45351	0.0569389	0.17489318	3.1668012	21	—	—
271339 2003 WJ_{70}	16.0	X	69.68990	349.09126	70.18215	4.01864	0.1266661	0.18060378	3.0996893	21	1 7.3	19.7
271340 2003 WL_{86}	16.0	X	18.00992	233.22380	215.44004	3.94909	0.1833117	0.17524459	3.1625663	21	—	—
271341 2003 WH_{94}	15.5	X	44.93466	184.09696	250.24828	9.20250	0.1138066	0.17874102	3.1211877	21	—	—
271342 2003 WE_{99}	15.8	X	93.88093	48.05533	34.48163	10.78084	0.1003092	0.18565907	3.0431633	21	3 10.8	20.0
271343 2003 WJ_{111}	15.5	X	183.93917	101.85144	260.23351	7.28494	0.1139437	0.18945776	3.0023486	21	3 4.1	20.4
271344 2003 WB_{112}	15.5	X	17.36757	195.81354	274.38974	9.29297	0.0579251	0.17751868	3.1354991	21	—	—
271345 2003 WL_{134}	15.6	X	295.75045	281.86585	64.09379	15.58517	0.1683601	0.20459524	2.8523690	21	6 6.8	19.3
271346 2003 WV_{135}	16.9	X	120.13096	305.05783	59.00025	6.80577	0.1945226	0.29134548	2.2535327	21	—	—
271347 2003 WC_{138}	15.6	X	117.18172	301.23429	67.41913	15.70989	0.3308840	0.18103575	3.0947565	21	2 7.4	20.7
271348 2003 WQ_{146}	15.5	X	127.69422	231.16910	148.06894	15.51270	0.2105931	0.18451550	3.0557241	21	2 10.8	20.2
271349 2003 WY_{151}	17.1	X	330.63311	335.32668	61.77688	5.35743	0.2195374	0.27180544	2.3602823	21	11 7.9	18.5
271350 2003 WU_{154}	15.1	X	77.62918	202.98432	224.42424	18.27438	0.0840339	0.18073086	3.0982361	21	1 18.1	19.6
271351 2003 WY_{157}	15.1	X	54.52545	327.21730	122.58788	13.32119	0.1167678	0.18043726	3.1015960	21	1 21.1	18.9
271352 2003 WE_{160}	15.5	X	242.10781	247.42841	67.76177	9.55518	0.1697395	0.19147316	2.9812435	21	3 8.9	20.5
271353 2003 WT_{160}	16.7	X	263.80566	206.51850	235.42034	3.42579	0.0335259	0.21117643	2.7927952	21	9 20.0	20.6
271354 2003 WS_{164}	16.2	X	336.39127	326.99682	159.44496	0.73656	0.1281386	0.17188494	3.2036433	21	—	—
271355 2003 WF_{192}	16.4	X	31.20948	119.69303	320.41761	4.39252	0.1383753	0.17574162	3.1566006	21	—	—
271356 2003 WR_{192}	15.5	X	107.02991	317.06109	83.14691	11.09587	0.0222832	0.18090948	3.0961964	21	1 20.9	19.9
271357 2003 XT_{6}	15.0	X	81.29689	282.62866	92.59359	14.60373	0.1888381	0.17365409	3.1818476	21	—	—
271358 2003 XZ_{8}	15.3	X	93.98984	38.63886	357.88223	15.56513	0.2239822	0.17982569	3.1086242	21	2 2.1	19.6
271359 2003 XW_{9}	14.9	X	355.95565	130.56994	333.77607	16.36113	0.1095641	0.17056308	3.2201742	21	—	—
271360 2003 XB_{16}	16.3	X	78.19098	101.03674	295.71413	3.85795	0.1591635	0.17665523	3.1457078	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271361 2003 XJ_{18}	15.3	X	129.00087	334.67819	33.59505	22.43206	0.1295230	0.18037547	3.1023043	21	1 29.6	20.3
271362 2003 XK_{29}	15.4	X	269.36625	337.44222	249.04542	15.01465	0.0449343	0.17853337	3.1236074	21	—	—
271363 2003 XV_{32}	16.1	X	3.30173	233.55346	218.65993	4.11629	0.1546123	0.17232582	3.1981769	21	—	—
271364 2003 XW_{34}	15.3	X	123.82995	12.53439	11.34407	12.69458	0.1572550	0.18306065	3.0718928	21	2 11.6	20.0
271365 2003 XP_{39}	15.4	X	67.46500	324.70050	96.31347	17.63730	0.2294442	0.17829648	3.1263736	21	1 19.8	19.0
271366 2003 YE	17.6	X	136.12044	256.90043	203.30802	23.33428	0.3227990	0.30377854	2.1916170	21	5 31.1	21.6
271367 2003 YP_{11}	15.5	X	77.77722	8.28300	60.81324	10.91434	0.0494418	0.17754486	3.1351908	21	1 24.7	19.9
271368 2003 YU_{17}	17.3	X	134.60518	269.08393	92.61849	5.83784	0.3043144	0.29488412	2.2354680	21	1 22.3	20.2
271369 2003 YQ_{31}	17.4	X	197.37245	138.13825	279.87983	4.08534	0.1005474	0.30834141	2.1699421	21	5 21.8	20.4
271370 2003 YQ_{39}	17.3	X	76.92637	306.30654	80.70383	6.69083	0.1984312	0.28393276	2.2925864	21	—	—
271371 2003 YS_{59}	15.0	X	276.08071	2.56383	262.27845	14.94143	0.1839046	0.18567992	3.0429355	21	1 30.1	20.0
271372 2003 YP_{71}	15.5	X	9.50753	43.65949	64.69428	12.55012	0.1448167	0.17345142	3.1843256	21	—	—
271373 2003 YA_{82}	16.8	X	194.45008	84.91755	305.55610	5.41964	0.0459775	0.30097001	2.2052301	21	4 6.8	19.6
271374 2003 YV_{84}	15.4	X	27.44705	47.67079	71.36920	18.10870	0.0772365	0.17878665	3.1206566	21	1 17.1	19.6
271375 2003 YK_{93}	15.1	X	246.05027	223.39972	69.78574	15.96284	0.0737219	0.18434205	3.0576407	21	2 24.6	20.0
271376 2003 YO_{114}	15.6	X	68.11848	310.15828	112.66710	11.82910	0.2812632	0.17612335	3.1520378	21	1 31.9	19.1
271377 2003 YR_{116}	15.0	X	271.70075	111.47654	96.33739	13.61970	0.0499708	0.16944608	3.2343104	21	—	—
271378 2003 YW_{138}	15.8	X	61.34238	357.15966	124.40961	25.92550	0.2226825	0.28862728	2.2676593	21	3 8.9	17.9
271379 2003 YS_{152}	15.3	X	37.88277	333.47014	112.88403	9.18784	0.0347156	0.17195327	3.2027946	21	—	—
271380 2003 YK_{160}	17.6	X	130.05425	102.95361	325.42158	5.14350	0.1611516	0.29882268	2.2157819	21	3 24.3	20.5
271381 2003 YM_{161}	15.2	X	31.49875	100.99085	9.45231	10.65963	0.0234708	0.17711550	3.1402557	21	1 13.8	19.7
271382 2004 BN	17.3	X	113.14916	358.23853	5.68462	3.00514	0.1975819	0.28604253	2.2812995	21	—	—
271383 2004 BH_{6}	17.5	X	160.68951	270.54846	127.99283	5.54289	0.1740800	0.29746816	2.2225032	21	3 24.5	20.7
271384 2004 BM_{12}	17.7	X	207.64733	276.37632	120.38337	5.48601	0.1621243	0.30436395	2.1888058	21	5 5.9	21.1
271385 2004 BQ_{15}	17.4	X	137.56851	322.01415	121.37428	5.98135	0.1095867	0.29918497	2.2139928	21	4 21.8	20.3
271386 2004 BU_{40}	17.4	X	193.63643	202.20947	302.91945	1.13319	0.1541592	0.25795609	2.4440243	21	9 10.9	21.2
271387 2004 BG_{43}	17.3	X	95.85243	133.53376	326.10244	5.16758	0.0932591	0.29286129	2.2457500	21	3 11.1	19.7
271388 2004 BW_{55}	17.8	X	217.21670	285.49286	120.13475	1.86324	0.0890690	0.30506738	2.1854399	21	5 29.3	20.6
271389 2004 BL_{73}	17.5	X	157.72745	151.82184	286.80848	3.42641	0.0965689	0.30082970	2.2059157	21	5 3.9	20.5
271390 2004 BL_{85}	17.1	X	219.48038	28.35318	8.09742	2.72627	0.2011377	0.30532721	2.1841998	21	5 12.5	20.5
271391 2004 BR_{87}	17.6	X	46.93236	324.92891	207.39774	1.73228	0.1640954	0.29414267	2.2392231	21	4 14.1	19.2
271392 2004 BQ_{98}	17.4	X	63.54809	267.30029	156.61827	5.88019	0.1201789	0.27977484	2.3152450	21	—	—
271393 2004 BQ_{151}	17.2	X	4.91021	326.81308	259.50393	5.15327	0.0156846	0.29924016	2.2137205	21	4 14.9	19.8
271394 2004 BS_{160}	18.2	X	270.09086	304.16466	348.46327	2.02250	0.0959515	0.28791161	2.2714156	21	2 26.4	21.0
271395 2004 CU	17.3	X	86.80648	107.71272	18.14799	3.76538	0.1233763	0.29498862	2.2349400	21	4 10.7	19.5
271396 2004 CX_{4}	17.2	X	143.39990	343.33167	91.30184	6.31364	0.1540527	0.29810209	2.2193512	21	4 21.9	20.3
271397 2004 CA_{6}	17.1	X	51.81524	67.76131	133.18793	5.75068	0.0716927	0.29920269	2.2139054	21	5 30.3	19.3
271398 2004 CE_{6}	17.3	X	47.56120	67.75838	87.91834	6.54674	0.0790047	0.29254756	2.2473553	21	3 17.3	19.6
271399 2004 CQ_{9}	17.0	X	167.80255	11.83807	333.01447	7.36425	0.1900823	0.28830348	2.2693568	21	1 23.4	20.3
271400 2004 CE_{12}	17.2	X	10.20801	267.51810	279.37244	2.93738	0.1596446	0.28948997	2.2631519	21	2 12.6	19.2
271401 2004 CZ_{16}	17.9	X	329.60394	153.72797	63.53764	0.97658	0.1711593	0.28671162	2.2777490	21	1 19.9	20.5
271402 2004 CU_{44}	18.0	X	128.71258	167.91587	292.84446	3.96421	0.0741137	0.29999086	2.2100259	21	4 24.9	20.8
271403 2004 CK_{61}	17.7	X	160.52562	45.11920	34.49318	3.72549	0.2163266	0.30269512	2.1968434	21	5 17.3	21.0
271404 2004 CA_{84}	17.6	X	331.91239	352.08413	146.89627	11.38584	0.1287279	0.27799212	2.3251326	21	—	—
271405 2004 CK_{85}	17.7	X	289.65832	63.83963	127.78947	5.73971	0.1337600	0.27747756	2.3280062	21	—	—
271406 2004 CN_{85}	17.5	X	71.43276	18.94047	140.92076	3.95737	0.0616140	0.29626897	2.2284964	21	4 28.8	19.8
271407 2004 CQ_{85}	16.9	X	308.07531	228.59928	10.16177	1.69504	0.1806994	0.28587048	2.2822148	21	1 20.7	19.9
271408 2004 CN_{93}	16.9	X	72.76376	177.41377	275.68106	7.99578	0.1650126	0.28943310	2.2634484	21	1 29.6	18.7
271409 2004 CS_{95}	17.1	X	342.52286	218.73974	5.95442	3.95373	0.1934858	0.28767736	2.2726484	21	2 15.9	19.2
271410 2004 CF_{96}	17.1	X	265.94601	259.87455	314.68314	4.28235	0.1438680	0.27643761	2.3338412	21	—	—
271411 2004 CF_{97}	17.3	X	13.06959	352.60320	147.51752	2.56950	0.1412325	0.28341671	2.2953685	21	—	—
271412 2004 CQ_{107}	17.5	X	345.04594	71.47057	164.83592	2.37704	0.1168316	0.29256601	2.2472608	21	3 20.4	19.5
271413 2004 CO_{108}	17.5	X	82.64650	306.20241	188.34691	5.79163	0.1038985	0.29412552	2.2393101	21	4 14.7	19.8
271414 2004 CQ_{108}	17.2	X	27.57985	219.88295	289.87906	4.53597	0.0737478	0.28739040	2.2741610	21	1 28.9	19.4
271415 2004 CR_{108}	17.3	X	58.32820	335.19636	196.73647	5.10892	0.1035165	0.29514587	2.2341461	21	4 30.0	19.3
271416 2004 CK_{111}	16.7	X	33.02874	278.08517	301.39916	3.40688	0.0760861	0.24156062	2.5533987	21	5 28.2	19.5
271417 2004 CT_{111}	17.4	X	12.91404	111.89282	111.51620	2.32417	0.1193354	0.29494250	2.2351730	21	4 23.7	19.2
271418 2004 CU_{112}	17.7	X	131.19241	89.70493	0.16212	6.94976	0.1221608	0.29869126	2.2164318	21	4 19.4	20.5
271419 2004 CR_{114}	16.2	X	37.80491	176.39730	53.31495	15.88677	0.0640052	0.24513043	2.5285482	21	6 17.6	19.3
271420 2004 CZ_{127}	17.4	X	108.68809	271.49232	134.34618	11.13375	0.1780496	0.28503538	2.2866702	21	1 29.7	19.7
271421 2004 CP_{128}	18.0	X	20.58901	267.88936	214.51529	4.29101	0.1959408	0.28298950	2.2976780	21	—	—
271422 2004 DZ_{1}	17.3	X	350.56169	167.07755	6.54894	2.67547	0.0938158	0.28472662	2.2883231	21	1 2.8	19.9
271423 2004 DF_{7}	17.2	X	253.69370	84.82394	117.62163	4.11881	0.1944947	0.27223447	2.3578018	21	—	—
271424 2004 DQ_{9}	16.9	X	41.27743	151.44473	354.48254	9.66679	0.0737370	0.28888891	2.2662899	21	2 18.8	19.1
271425 2004 DF_{12}	16.6	X	117.11748	319.13471	136.81381	5.92230	0.1337217	0.29351142	2.2424325	21	4 16.9	19.4
271426 2004 DU_{12}	16.3	X	325.35542	71.41410	151.66344	8.67521	0.1246373	0.28528819	2.2853191	21	1 28.5	19.0
271427 2004 DN_{15}	17.3	X	103.22539	327.61028	159.59195	4.36688	0.0613632	0.29737671	2.2229588	21	4 29.1	19.8
271428 2004 DL_{19}	17.5	X	44.53756	144.62810	350.10118	2.47050	0.1084658	0.28867189	2.2674256	21	2 5.9	19.3
271429 2004 DT_{23}	17.0	X	170.05193	274.13304	149.79436	7.10741	0.0943015	0.29987506	2.2105948	21	5 2.1	20.0
271430 2004 DT_{31}	17.5	X	56.42693	13.36605	92.76348	4.39507	0.1445059	0.28648026	2.2789751	21	1 17.7	19.1
271431 2004 DL_{38}	17.0	X	274.41825	156.36779	10.92861	5.22472	0.0770919	0.27144953	2.3623450	21	—	—
271432 2004 DV_{38}	17.1	X	6.16619	79.85433	342.80775	5.68536	0.1003299	0.27279378	2.3545780	21	—	—
271433 2004 DG_{39}	17.4	X	96.59044	297.01840	143.89869	6.73666	0.0960113	0.28947764	2.2632162	21	2 15.9	19.5
271434 2004 DX_{40}	17.2	X	248.39608	93.73632	97.88365	3.51961	0.1831722	0.26891527	2.3771636	21	—	—
271435 2004 DT_{44}	17.1	X	355.30205	250.58406	330.54409	7.41083	0.1201983	0.29152824	2.2525907	21	3 12.8	19.3
271436 2004 DR_{50}	17.9	X	52.88811	347.45365	145.15132	3.54063	0.1391950	0.28955653	2.2628051	21	2 19.7	19.6
271437 2004 DH_{51}	17.1	X	65.70461	14.48896	138.97147	2.91986	0.0928874	0.29275128	2.2463125	21	4 13.9	19.3
271438 2004 DA_{56}	17.8	X	238.82250	35.54979	217.96915	1.97323	0.1783652	0.27746997	2.3280487	21	—	—
271439 2004 DU_{60}	18.3	X	25.65931	227.61447	269.13844	0.74562	0.1502718	0.28572442	2.2829924	21	—	—
271440 2004 DS_{61}	15.5	X	70.02452	164.53716	17.70652	3.08026	0.1543627	0.12581807	3.9443373	21	6 18.9	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271441 2004 DH_{66}	17.6	X	297.13253	118.79625	137.48521	4.48364	0.2710050	0.28351257	2.2948511	21	1 21.2	21.1
271442 2004 DW_{74}	17.3	X	235.72776	337.94669	322.44664	6.99985	0.1236153	0.28564217	2.2834307	21	1 29.6	20.6
271443 2004 EA_{6}	16.9	X	303.37275	148.98058	90.08677	6.60162	0.1248173	0.28408080	2.2917899	21	1 23.7	19.9
271444 2004 EC_{10}	16.9	X	269.77435	202.82631	341.54683	6.25133	0.0573370	0.27251933	2.3561585	21	—	—
271445 2004 EC_{12}	16.7	X	40.72834	27.50218	155.90737	7.03447	0.1047455	0.29335218	2.2432439	21	4 17.0	18.7
271446 2004 EU_{14}	17.0	X	352.43924	143.45983	74.14681	6.59078	0.1563306	0.28815946	2.2701129	21	3 3.8	19.2
271447 2004 EX_{16}	16.9	X	328.28091	135.07441	82.41334	6.04567	0.1134801	0.28429568	2.2906349	21	1 29.3	19.5
271448 2004 ET_{22}	17.1	X	80.79987	76.29413	22.53825	7.26688	0.0579389	0.28626731	2.2801052	21	2 15.5	19.6
271449 2004 EY_{26}	17.1	X	328.85842	81.40990	175.86190	3.77057	0.1293284	0.29102523	2.2551856	21	3 22.7	19.4
271450 2004 EF_{36}	17.3	X	304.82025	37.73273	204.36228	5.91506	0.1754101	0.28421181	2.2910855	21	1 20.3	20.5
271451 2004 EF_{39}	17.2	X	91.73021	322.60624	129.82353	2.92111	0.1250587	0.28880533	2.2667272	21	3 2.3	19.4
271452 2004 EU_{40}	17.0	X	30.77671	337.51349	184.00989	6.16705	0.0237780	0.28738496	2.2741897	21	2 21.1	19.6
271453 2004 EL_{41}	17.4	X	291.91199	342.50018	199.59661	3.09751	0.1608218	0.27463178	2.3440607	21	—	—
271454 2004 ET_{41}	16.6	X	278.25642	223.44402	31.43143	4.99969	0.0996332	0.28311301	2.2970097	21	1 18.8	19.7
271455 2004 EY_{47}	17.0	X	18.22584	322.36675	205.35202	1.95288	0.0909357	0.28618867	2.2805228	21	2 7.2	19.1
271456 2004 EP_{52}	16.9	X	329.40282	212.64349	33.98953	6.40158	0.0821571	0.28970203	2.2620473	21	3 18.4	19.3
271457 2004 EN_{62}	17.6	X	49.94338	36.41658	130.91092	0.74869	0.1263032	0.29120486	2.2542581	21	4 9.2	19.3
271458 2004 EY_{63}	16.5	X	282.98472	87.95716	190.79189	3.86598	0.1444709	0.28464620	2.2887541	21	2 16.6	19.6
271459 2004 EA_{67}	17.3	X	353.39178	189.29821	8.30461	2.47548	0.1115091	0.28691293	2.2766834	21	2 7.7	19.5
271460 2004 EZ_{69}	17.6	X	3.79718	341.81765	171.85272	6.07045	0.0799385	0.28241528	2.3007915	21	—	—
271461 2004 EG_{73}	16.9	X	285.79502	169.31475	343.73866	4.07950	0.1571135	0.26995151	2.3710764	21	—	—
271462 2004 EM_{76}	17.0	X	5.69699	169.53739	11.84759	6.78946	0.0616802	0.28653265	2.2786973	21	2 12.8	19.5
271463 2004 ES_{80}	17.0	X	329.22275	136.90417	128.98742	6.67000	0.0666403	0.29468100	2.2364951	21	4 18.3	19.5
271464 2004 EB_{81}	16.8	X	359.29655	133.07521	36.27020	11.08760	0.0487110	0.28382972	2.2931412	21	1 19.3	19.6
271465 2004 EU_{81}	17.1	X	276.47058	236.59522	31.73434	6.25765	0.1820195	0.28243925	2.3006613	21	1 27.5	20.6
271466 2004 EB_{82}	16.6	X	89.94976	65.35805	43.27746	6.70172	0.0922559	0.28946240	2.2632956	21	3 20.3	19.0
271467 2004 EG_{84}	17.2	X	356.19390	31.80038	176.81016	5.76574	0.1238656	0.28850306	2.2683101	21	2 24.6	19.5
271468 2004 EF_{86}	16.2	X	226.34039	246.73107	60.63711	6.53523	0.2372794	0.27984211	2.3148739	21	1 30.8	20.2
271469 2004 EZ_{86}	16.8	X	7.42177	89.52462	119.37657	5.59989	0.1040430	0.28780724	2.2719647	21	3 24.5	19.0
271470 2004 EA_{90}	16.0	X	348.73267	166.82700	99.67967	3.65033	0.0928498	0.18020783	3.1042280	21	5 26.0	19.7
271471 2004 EM_{93}	17.6	X	333.40326	153.30872	27.83285	4.01615	0.0697769	0.28139530	2.3063479	21	—	—
271472 2004 EE_{116}	17.8	X	283.81652	67.28151	192.49562	6.06212	0.2375637	0.28155846	2.3054568	21	1 15.9	21.6
271473 2004 FW_{3}	17.2	X	17.12272	279.85851	179.97805	23.30543	0.2440715	0.27877769	2.3207625	21	—	—
271474 2004 FG_{6}	16.8	X	22.18455	150.66546	5.65374	9.49030	0.0348387	0.28486716	2.2875703	21	2 6.3	19.5
271475 2004 FW_{12}	16.5	X	267.66527	57.49028	222.44642	7.06719	0.1516399	0.28299312	2.2976584	21	1 31.2	20.0
271476 2004 FD_{13}	16.8	X	249.87412	184.72330	327.51321	7.28217	0.0511696	0.26321223	2.4113782	21	12 9.7	19.9
271477 2004 FN_{20}	17.0	X	357.33528	154.87181	353.06952	6.35761	0.1344656	0.27992291	2.3144284	21	—	—
271478 2004 FD_{24}	17.7	X	306.32633	15.85941	200.37995	3.74819	0.1533338	0.28056429	2.3108998	21	—	—
271479 2004 FV_{27}	17.6	X	10.74154	173.94007	339.82345	1.63127	0.1442365	0.28332755	2.2958500	21	—	—
271480 2004 FX_{31}	17.6	X	115.01326	285.78711	169.14195	24.75291	0.4419605	0.69642218	1.2605333	21	4 26.5	18.0
271481 2004 FD_{35}	17.5	X	337.19664	230.50269	305.05243	5.23060	0.1346587	0.28099253	2.3085513	21	—	—
271482 2004 FE_{36}	17.0	X	2.27615	146.88928	29.15566	7.72592	0.0495884	0.28413621	2.2914919	21	2 2.3	19.7
271483 2004 FZ_{40}	17.5	X	342.49343	155.39029	32.14257	3.05920	0.0958198	0.28202397	2.3029192	21	1 10.8	20.1
271484 2004 FD_{41}	17.0	X	42.06951	324.96414	185.96897	7.01502	0.0680513	0.28717180	2.2753150	21	2 23.3	19.4
271485 2004 FA_{49}	17.2	X	270.31220	5.43284	238.03394	2.09875	0.1299014	0.27929581	2.3178915	21	—	—
271486 2004 FV_{49}	17.9	X	33.97619	312.78881	210.05272	4.75449	0.1867241	0.28810379	2.2704054	21	2 24.9	19.6
271487 2004 FL_{50}	17.6	X	346.09022	288.42173	289.43495	2.00058	0.1527602	0.28669371	2.2778438	21	2 16.9	19.7
271488 2004 FA_{51}	17.5	X	333.98697	129.78759	94.14667	3.73889	0.1582234	0.28483926	2.2877197	21	2 7.8	19.9
271489 2004 FW_{55}	17.2	X	24.04981	26.93255	145.28547	6.40022	0.0643036	0.28664114	2.2781223	21	2 26.9	19.3
271490 2004 FP_{62}	16.9	X	279.72311	48.28013	164.41746	5.66548	0.0769637	0.27609597	2.3357660	21	—	—
271491 2004 FB_{72}	17.6	X	284.68725	254.97126	18.95054	2.35928	0.1028413	0.28633022	2.2797712	21	2 18.9	20.5
271492 2004 FV_{80}	15.8	X	62.03523	116.58560	43.32777	13.47463	0.1458514	0.17707564	3.1407269	21	5 6.3	19.6
271493 2004 FE_{88}	17.9	X	276.28178	58.99926	109.05403	5.66626	0.1585047	0.27055184	2.3675676	21	—	—
271494 2004 FS_{92}	17.3	X	308.24341	347.84966	191.17910	4.94695	0.0855686	0.27558613	2.3386460	21	—	—
271495 2004 FC_{94}	16.4	X	34.02988	295.22633	198.63468	22.38986	0.1344460	0.28175496	2.3043848	21	1 10.8	19.2
271496 2004 FP_{98}	16.0	X	0.24100	185.17404	74.05448	2.54407	0.1185325	0.18126208	3.0921798	21	6 2.7	19.7
271497 2004 FY_{98}	17.0	X	8.67944	315.47263	182.16479	5.17786	0.1365499	0.28079800	2.3096174	21	—	—
271498 2004 FL_{101}	17.1	X	89.86220	342.91754	117.11726	6.02775	0.1389985	0.28956537	2.2627590	21	3 14.6	19.4
271499 2004 FA_{111}	16.4	X	198.47345	274.08160	17.17111	8.61525	0.1194823	0.27273340	2.3549255	21	—	—
271500 2004 FN_{111}	16.9	X	226.29034	105.86768	209.69869	7.04874	0.1170769	0.28335490	2.2957023	21	2 5.6	20.3
271501 2004 FR_{111}	17.3	X	57.80662	302.72320	187.26030	5.93664	0.0972148	0.28686871	2.2769173	21	2 21.2	19.5
271502 2004 FJ_{117}	17.8	X	303.54936	48.16669	206.79627	5.22569	0.1618020	0.28514012	2.2861102	21	2 5.9	20.8
271503 2004 FE_{120}	17.8	X	23.36238	271.04725	168.51535	6.66118	0.0592462	0.27434229	2.3457094	21	—	—
271504 2004 FF_{122}	17.0	X	319.72206	51.63725	184.93983	6.24885	0.1975661	0.28227086	2.3015762	21	1 28.0	19.9
271505 2004 FS_{125}	16.8	X	226.98083	121.49558	187.01281	7.34845	0.1303642	0.28091786	2.3089604	21	1 29.3	20.4
271506 2004 FZ_{125}	16.7	X	308.69704	355.53120	194.02885	3.95819	0.0774543	0.27706570	2.3303127	21	—	—
271507 2004 FW_{126}	16.8	X	346.12882	348.45491	179.15064	4.08194	0.1281958	0.28007508	2.3135900	21	—	—
271508 2004 FL_{134}	16.6	X	356.66915	246.99974	266.51715	5.38810	0.1427515	0.28019391	2.3129359	21	—	—
271509 2004 FP_{134}	16.6	X	134.71851	281.72035	216.69602	14.55569	0.1156421	0.24288695	2.5440947	21	7 1.1	20.6
271510 2004 FO_{141}	16.9	X	12.65453	165.48489	9.61693	5.70494	0.1716638	0.28524148	2.2855686	21	2 2.5	18.9
271511 2004 FA_{146}	18.0	X	16.65179	95.64926	49.81927	3.24239	0.1018869	0.28326743	2.2961748	21	1 3.7	20.3
271512 2004 GO_{5}	17.0	X	313.00438	151.63745	17.24468	8.14546	0.1304699	0.27883637	2.3204369	21	—	—
271513 2004 GX_{13}	17.4	X	301.69699	274.12607	263.54944	4.08321	0.1119460	0.27279793	2.3545541	21	—	—
271514 2004 GV_{15}	17.9	X	321.34898	100.31470	147.67790	2.99505	0.2049149	0.28465899	2.2886855	21	2 14.5	20.8
271515 2004 GQ_{22}	17.3	X	334.61101	176.65470	40.13922	5.40973	0.1044873	0.28321279	2.2964702	21	2 9.3	19.9
271516 2004 GX_{22}	17.5	X	332.23247	326.09699	253.66031	1.45312	0.1568315	0.28298586	2.2976977	21	1 29.4	20.0
271517 2004 GF_{24}	16.8	X	278.84920	169.57295	81.15466	7.72833	0.0699557	0.27857276	2.3219006	21	1 17.5	19.8
271518 2004 GT_{28}	17.1	X	357.31200	79.42607	40.42574	21.83407	0.3015369	0.27695356	2.3309417	21	—	—
271519 2004 GL_{39}	16.7	X	229.45119	257.11248	39.38646	8.13946	0.3126672	0.27269588	2.3551415	21	1 20.7	21.1
271520 2004 GE_{46}	17.2	X	284.00561	240.06495	41.75817	5.99292	0.1575001	0.28369880	2.2938467	21	2 24.6	20.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271521 2004 GF_{49}	17.0	X	175.16930	110.42773	219.53912	4.84806	0.1769494	0.27383160	2.3486250	21	1 10.8	20.6
271522 2004 GD_{50}	17.0	X	93.45062	23.92055	11.98173	9.58698	0.1366528	0.27451384	2.3447321	21	—	—
271523 2004 GY_{56}	16.9	X	173.96888	296.45684	19.55544	5.74909	0.1438517	0.27386420	2.3484386	21	—	—
271524 2004 GP_{60}	17.4	X	2.74538	121.92128	61.94723	3.68938	0.1610718	0.28400629	2.2921907	21	1 28.3	19.4
271525 2004 GJ_{63}	17.6	X	228.22042	276.09759	23.04486	5.84671	0.2386707	0.27631338	2.3345406	21	1 22.6	21.7
271526 2004 GB_{79}	17.1	X	58.39036	66.00191	41.11424	7.11171	0.1353672	0.28299990	2.2976217	21	1 26.4	19.2
271527 2004 GP_{87}	16.7	X	329.37242	73.77607	93.35878	7.61436	0.0559121	0.27597783	2.3364326	21	—	—
271528 2004 HS_{5}	16.9	X	269.01356	263.87036	354.76156	5.40621	0.1403275	0.27794487	2.3253961	21	1 11.0	20.4
271529 2004 HL_{6}	16.5	X	334.63820	109.16028	70.13465	5.62162	0.1729512	0.27672335	2.3322343	21	—	—
271530 2004 HS_{18}	17.3	X	309.96741	212.46915	319.92427	3.94771	0.1730219	0.27414671	2.3468249	21	—	—
271531 2004 HH_{25}	16.4	X	180.78746	154.21068	201.66338	11.61056	0.2105374	0.27810817	2.3244857	21	2 16.2	20.3
271532 2004 HW_{27}	17.2	X	273.55236	162.50753	116.79574	4.00412	0.1449770	0.28033367	2.3121670	21	2 9.6	20.4
271533 2004 HY_{32}	17.0	X	250.89902	249.90896	58.14508	11.93643	0.2844703	0.27964374	2.3159685	21	2 21.2	21.3
271534 2004 HQ_{45}	17.0	X	259.89287	224.90329	50.38267	7.06281	0.1101704	0.27760456	2.3272961	21	1 25.8	20.5
271535 2004 HH_{56}	16.6	X	183.69913	343.38882	263.14558	6.71167	0.0706310	0.26232521	2.4168110	21	—	—
271536 2004 HV_{57}	17.1	X	214.36701	210.83130	41.33042	7.77331	0.0947462	0.26677294	2.3898732	21	—	—
271537 2004 HA_{60}	17.0	X	311.99483	124.52577	110.37365	5.58558	0.2281896	0.28008663	2.3135264	21	1 14.7	20.3
271538 2004 JN_{3}	16.8	X	271.06664	136.36429	54.81519	8.09332	0.1481951	0.26803130	2.3823873	21	—	—
271539 2004 JK_{4}	17.6	X	193.39944	71.82038	172.95823	1.71654	0.2235049	0.26211932	2.4180765	21	—	—
271540 2004 JQ_{4}	17.3	X	329.35061	340.42417	223.60741	5.00008	0.1336214	0.28048067	2.3113591	21	1 7.7	20.1
271541 2004 JG_{10}	16.1	X	281.80740	157.48147	116.95438	13.43831	0.1766554	0.27847800	2.3224273	21	2 10.0	19.5
271542 2004 JC_{14}	17.8	X	292.28080	295.97606	300.32182	2.04627	0.1943971	0.27679183	2.3318496	21	—	—
271543 2004 JW_{14}	17.0	X	297.23478	119.69991	87.26481	7.11183	0.0973518	0.27406543	2.3472889	21	—	—
271544 2004 JB_{16}	16.3	X	228.00737	287.10573	14.82879	7.02886	0.1216755	0.27745466	2.3281343	21	1 26.9	19.8
271545 2004 JT_{16}	17.3	X	302.03614	11.03094	215.18526	1.89277	0.1384837	0.27764403	2.3270756	21	1 3.8	20.5
271546 2004 JN_{17}	16.7	X	331.15430	307.00152	235.82455	4.66947	0.0882667	0.27602855	2.3361464	21	—	—
271547 2004 JU_{17}	17.2	X	247.68028	347.56703	268.92498	2.74099	0.2072101	0.27209071	2.3586323	21	—	—
271548 2004 JV_{17}	16.9	X	311.25257	213.17402	16.07605	4.09418	0.0820141	0.27935280	2.3175762	21	1 28.2	19.7
271549 2004 JD_{19}	17.5	X	300.56305	302.46069	269.29644	3.26275	0.1645179	0.27563494	2.3383699	21	—	—
271550 2004 JU_{21}	17.3	X	328.18192	287.75607	225.47812	2.32329	0.1606864	0.27330826	2.3516221	21	—	—
271551 2004 JB_{25}	17.7	X	277.65379	234.11474	359.70870	1.84366	0.1722800	0.27415878	2.3467560	21	—	—
271552 2004 JW_{25}	16.5	X	298.66120	323.35986	236.19977	5.45366	0.0471194	0.27237546	2.3569881	21	—	—
271553 2004 JC_{27}	16.9	X	345.65257	122.15615	62.90624	7.63522	0.2417367	0.27939133	2.3173632	21	—	—
271554 2004 JC_{30}	17.1	X	256.29773	171.75242	80.45943	3.42189	0.1574712	0.27249532	2.3562970	21	—	—
271555 2004 JK_{30}	17.1	X	292.10432	14.01282	223.99540	5.60678	0.1793733	0.27653537	2.3332911	21	1 3.4	20.6
271556 2004 JV_{30}	16.8	X	227.38965	174.79169	72.23850	15.24200	0.1410789	0.26696741	2.3887125	21	—	—
271557 2004 JR_{31}	17.0	X	164.89928	158.22394	79.44804	5.44915	0.1568867	0.25686162	2.4509620	21	12 8.6	20.9
271558 2004 JQ_{32}	16.5	X	132.13290	243.69683	73.14098	10.72046	0.2574438	0.26059600	2.4274906	21	—	—
271559 2004 JV_{32}	17.0	X	259.44924	135.11550	125.55478	4.77820	0.1071620	0.27489818	2.3425461	21	1 5.3	20.5
271560 2004 JJ_{34}	16.7	X	353.57810	199.39092	107.20502	6.91635	0.2484525	0.23558357	2.5964067	21	7 28.8	18.3
271561 2004 JE_{35}	16.7	X	240.42341	174.46745	112.32680	4.79457	0.2102161	0.27289170	2.3540147	21	1 16.5	20.4
271562 2004 JW_{37}	17.1	X	223.26065	111.70486	127.64610	12.95957	0.1713916	0.26559577	2.3969296	21	—	—
271563 2004 JQ_{44}	17.1	X	266.55457	192.47573	92.33030	7.69458	0.1687635	0.27831231	2.3233489	21	2 9.2	20.6
271564 2004 JP_{45}	16.8	X	236.82957	224.88694	61.71832	7.13717	0.1156898	0.27529749	2.3402803	21	1 15.6	20.4
271565 2004 JJ_{53}	17.3	X	332.65117	107.73484	47.01350	2.31288	0.0665753	0.27260119	2.3556868	21	—	—
271566 2004 KQ	17.0	X	279.50819	202.25464	47.96062	7.95533	0.1671376	0.27597819	2.3364306	21	1 8.9	20.6
271567 2004 KL_{3}	16.7	X	216.87927	341.10689	238.97494	5.67526	0.0753415	0.26227208	2.4171374	21	—	—
271568 2004 KU_{6}	17.1	X	130.70331	233.11786	103.52064	3.75371	0.1036495	0.26561974	2.3967854	21	—	—
271569 2004 KP_{8}	17.1	X	264.24070	197.06503	14.65555	6.41058	0.1855988	0.26966719	2.3727427	21	—	—
271570 2004 KY_{10}	16.8	X	220.44682	123.74713	150.62253	7.19235	0.1062141	0.27048909	2.3679338	21	—	—
271571 2004 KC_{16}	16.6	X	84.75210	180.69871	143.51125	10.19687	0.1855890	0.25285908	2.4767586	21	—	—
271572 2004 LE_{1}	17.2	X	235.43302	213.65913	60.71496	7.13217	0.1030991	0.27258319	2.3557905	21	—	—
271573 2004 LC_{8}	16.2	X	62.13914	73.94084	259.19770	2.26905	0.1812635	0.24696267	2.5160263	21	12 29.3	19.9
271574 2004 LJ_{8}	16.6	X	188.92291	196.73461	92.55128	6.01483	0.1798958	0.26230999	2.4169045	21	—	—
271575 2004 LQ_{12}	17.4	X	292.28621	83.90114	107.92428	5.51360	0.1554710	0.27180251	2.3602993	21	—	—
271576 2004 LZ_{14}	16.6	X	181.22383	186.98262	105.07510	8.35424	0.2304058	0.26161747	2.4211678	21	—	—
271577 2004 LT_{15}	17.2	X	247.58528	31.30372	203.20703	5.27244	0.1712809	0.26793633	2.3829503	21	—	—
271578 2004 LF_{25}	16.7	X	140.02195	83.69878	233.28033	3.71981	0.1877675	0.25743654	2.4473115	21	—	—
271579 2004 LD_{31}	16.4	X	184.53439	40.97966	262.39866	5.93611	0.2869482	0.26077160	2.4264007	21	—	—
271580 2004 ML_{3}	17.3	X	240.43859	176.64901	107.28049	2.16052	0.1663688	0.27032704	2.3688800	21	1 14.4	21.1
271581 2004 MQ_{3}	16.9	X	158.21249	200.94721	127.78588	5.89431	0.2479727	0.26464840	2.4026464	21	1 2.3	20.6
271582 2004 MZ_{4}	16.7	X	212.28735	259.30362	55.02307	6.33834	0.2453072	0.26895662	2.3769200	21	1 29.8	20.8
271583 2004 MU_{6}	16.7	X	117.74666	328.45410	359.76413	6.35389	0.2600955	0.25491420	2.4634289	21	—	—
271584 2004 MP_{8}	15.7	X	89.02297	257.02524	13.87513	12.65096	0.1517156	0.24278133	2.5448324	21	11 3.1	19.5
271585 2004 NR_{2}	16.6	X	177.11312	106.44944	216.93282	6.67573	0.2482569	0.26141973	2.4223886	21	1 11.5	20.7
271586 2004 NU_{4}	16.8	X	91.59153	151.40017	198.13539	5.55251	0.1516509	0.25193712	2.4827973	21	—	—
271587 2004 NU_{5}	16.6	X	148.81804	243.96043	82.35011	5.69828	0.1970190	0.25995996	2.4314485	21	—	—
271588 2004 NZ_{5}	16.9	X	171.67460	167.33952	140.40023	6.90708	0.1278979	0.26165098	2.4209610	21	—	—
271589 2004 NA_{9}	16.5	X	227.76859	296.60660	323.33141	11.95231	0.2276362	0.26602490	2.3943512	21	—	—
271590 2004 NS_{14}	15.5	X	51.15394	64.36395	285.05811	7.41891	0.1336277	0.18857782	3.0116811	21	12 19.6	19.8
271591 2004 NW_{15}	16.6	X	51.98151	88.84333	219.11849	2.95170	0.1843304	0.24138108	2.5546647	21	11 15.9	19.9
271592 2004 NZ_{18}	15.0	X	45.32468	131.55772	180.85314	5.02917	0.2794892	0.12453693	3.9713419	21	11 8.9	20.3
271593 2004 NF_{22}	16.7	X	186.10546	290.00776	354.83402	4.10021	0.2247759	0.26146834	2.4220883	21	—	—
271594 2004 NK_{31}	16.6	X	191.84813	253.44655	39.89840	7.39305	0.1358124	0.26175023	2.4203491	21	—	—
271595 2004 NT_{32}	17.1	X	107.97603	274.43304	56.21827	3.36980	0.1970689	0.25382560	2.4704672	21	—	—
271596 2004 ND_{33}	16.6	X	187.99479	2.79949	293.66013	4.23339	0.1918314	0.26116051	2.4239912	21	—	—
271597 2004 OD	16.3	X	358.28367	210.65383	139.41480	17.22852	0.1141065	0.23859718	2.5744977	21	10 17.5	19.5
271598 2004 OA_{4}	14.9	X	53.14295	144.28253	166.94508	8.44390	0.2125482	0.12369711	3.9892968	21	11 8.8	20.4
271599 2004 OL_{5}	17.1	X	189.81052	317.42735	352.77892	3.01783	0.2083550	0.26325848	2.4110958	21	1 5.2	21.1
271600 2004 OX_{5}	16.9	X	167.40494	255.90857	66.93127	6.42777	0.2064210	0.26223857	2.4173433	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271601 2004 OC_6	16.2	X	309.19840	244.88586	85.32140	12.32040	0.1560933	0.22812824	2.6526707	21	6 7.9	19.2
271602 2004 OV_9	16.6	X	49.81453	258.92893	71.81656	5.20259	0.1906253	0.24413902	2.5353889	21	12 13.4	19.9
271603 2004 PL_6	16.7	X	179.76072	114.01077	190.62899	5.15934	0.1627976	0.26042762	2.4285368	21	—	—
271604 2004 PR_6	16.0	X	16.25270	314.78575	312.12522	12.90472	0.1738168	0.22901712	2.6458025	21	7 18.3	18.5
271605 2004 PU_7	17.4	X	185.26413	87.71950	213.76188	3.80800	0.1875664	0.26066405	2.4270681	21	—	—
271606 2004 PP_9	17.5	X	207.78074	122.40575	179.43064	1.90938	0.2110567	0.26514648	2.3996366	21	1 9.1	21.4
271607 2004 PW_{10}	16.0	X	170.46436	326.92250	298.64171	6.05786	0.1033549	0.25457885	2.4655918	21	—	—
271608 2004 PK_{12}	16.6	X	123.10309	263.02343	117.00801	2.36632	0.1944914	0.20144266	2.8820516	21	2 3.2	20.8
271609 2004 PM_{18}	16.5	X	224.26371	78.04075	201.29032	2.64337	0.2093429	0.26466715	2.4025329	21	—	—
271610 2004 PZ_{20}	16.9	X	343.69289	136.42700	221.83731	2.29871	0.1688267	0.23540610	2.5977115	21	9 25.1	19.1
271611 2004 PK_{21}	17.3	X	329.79853	187.72557	344.44871	20.94392	0.0450034	0.37732299	1.8966792	21	—	—
271612 2004 PP_{24}	16.5	X	175.73332	179.15626	119.19330	5.95771	0.1902334	0.25936734	2.4351508	21	—	—
271613 2004 PQ_{27}	17.2	X	172.72377	309.75237	17.93485	4.42405	0.2820537	0.26220922	2.4175237	21	1 17.6	21.2
271614 2004 PD_{37}	16.0	X	93.65583	262.89709	323.49464	14.26200	0.0554596	0.23311699	2.6146893	21	8 30.7	19.6
271615 2004 PR_{37}	17.6	X	199.18391	297.22964	352.14017	1.39643	0.2363782	0.26189746	2.4194419	21	—	—
271616 2004 PT_{40}	16.1	X	256.20871	68.89349	319.37682	10.92519	0.2251056	0.22212507	2.7002522	21	6 6.9	20.5
271617 2004 PC_{45}	16.5	X	348.65639	22.28726	359.52673	10.40129	0.1095736	0.23808274	2.5782050	21	11 3.4	19.4
271618 2004 PT_{46}	16.9	X	59.17658	147.17114	192.54540	3.83369	0.1956319	0.24428214	2.5343985	21	—	—
271619 2004 PX_{50}	17.1	X	187.49587	190.48271	111.35605	4.46584	0.2936362	0.26180601	2.4200053	21	—	—
271620 2004 PD_{51}	16.2	X	211.59021	319.36138	13.27988	4.82216	0.1515745	0.21080835	2.7960451	21	2 25.8	20.7
271621 2004 PH_{52}	16.6	X	69.73664	195.20765	115.44161	7.34650	0.1423170	0.24333045	2.5410024	21	12 5.5	20.2
271622 2004 PP_{52}	16.8	X	75.79172	190.28806	125.41993	9.26932	0.2110571	0.24424729	2.5346396	21	12 24.5	20.7
271623 2004 PQ_{55}	17.0	X	147.58402	232.70757	47.80498	2.98676	0.2342366	0.25196367	2.4826229	21	—	—
271624 2004 PR_{55}	16.3	X	318.06730	217.64122	111.27542	4.40614	0.1934517	0.22642765	2.6659362	21	6 14.8	19.3
271625 2004 PH_{57}	16.7	X	254.03154	178.11263	163.86511	8.19656	0.2581619	0.21824766	2.7321403	21	4 8.4	21.2
271626 2004 PO_{60}	16.3	X	39.32376	337.20974	320.81622	13.09976	0.1603197	0.23550658	2.5969725	21	10 4.3	19.7
271627 2004 PC_{64}	16.5	X	44.70456	272.87283	113.07860	6.82407	0.0412091	0.25042010	2.4928143	21	—	—
271628 2004 PY_{65}	16.3	X	336.92927	189.92031	161.67319	14.36823	0.1041012	0.23204356	2.6227468	21	9 2.6	19.3
271629 2004 PJ_{67}	17.1	X	231.50912	69.78520	209.42373	4.42924	0.2331562	0.26596388	2.3947174	21	—	—
271630 2004 PH_{68}	16.6	X	221.32953	102.05466	185.82284	8.25874	0.2094544	0.26450823	2.4034952	21	1 2.9	20.8
271631 2004 PM_{69}	16.5	X	118.16541	39.97008	257.84174	4.42892	0.1401618	0.24790183	2.5096677	21	—	—
271632 2004 PK_{70}	16.4	X	181.81223	304.64329	306.70568	10.08233	0.1888890	0.25352322	2.4724312	21	—	—
271633 2004 PU_{73}	17.0	X	48.26774	15.07236	341.70900	7.04977	0.1967999	0.24468504	2.5316156	21	—	—
271634 2004 PG_{76}	16.8	X	77.13731	141.14743	130.95665	3.93356	0.1865275	0.24009993	2.5637442	21	10 31.6	20.6
271635 2004 PS_{77}	16.6	X	180.43704	19.32469	254.36870	3.52203	0.1720596	0.25702812	2.4499034	21	—	—
271636 2004 PJ_{79}	15.9	X	357.46613	139.23270	203.41704	5.79631	0.2064010	0.17538971	3.1608216	21	9 22.5	19.3
271637 2004 PV_{81}	17.0	X	12.48014	230.16346	117.78791	3.31429	0.2060068	0.23720908	2.5845316	21	11 14.9	19.6
271638 2004 PP_{85}	16.7	X	32.30770	200.31324	132.82192	4.82438	0.2368641	0.23645339	2.5900353	21	11 30.9	20.0
271639 2004 PC_{90}	15.9	X	21.03648	325.84987	355.29951	8.97530	0.2528809	0.23355604	2.6114115	21	10 25.7	18.7
271640 2004 PS_{93}	16.6	X	204.00283	303.19108	358.77747	8.03708	0.2999912	0.26383735	2.4075678	21	1 11.0	21.0
271641 2004 PF_{98}	16.2	X	1.57442	297.03983	59.68325	7.97408	0.1831920	0.23799157	2.5788633	21	11 4.0	18.6
271642 2004 PZ_{100}	15.6	X	305.20574	182.21564	170.50418	17.30146	0.1716599	0.22578183	2.6710174	21	6 30.3	19.2
271643 2004 PJ_{101}	15.7	X	359.74456	353.52688	343.66269	12.70847	0.1470712	0.23143292	2.6273582	21	9 22.7	18.5
271644 2004 PQ_{101}	15.9	X	248.16242	10.77266	347.56547	9.66234	0.2818602	0.21486417	2.7607476	21	4 16.4	20.7
271645 2004 PW_{101}	16.6	X	10.62613	64.37493	289.85606	3.37154	0.3515923	0.23432697	2.6056807	21	12 13.8	19.1
271646 2004 PZ_{103}	16.3	X	344.69144	3.53722	342.73693	12.90948	0.2992743	0.22979682	2.6398143	21	9 7.9	17.6
271647 2004 PM_{105}	15.8	X	306.62706	13.18885	276.19847	14.16515	0.0764829	0.21932948	2.7231488	21	4 15.3	19.8
271648 2004 PC_{109}	17.2	X	160.94100	218.20355	104.49829	3.71397	0.1997978	0.25827820	2.4419919	21	—	—
271649 2004 QO_6	16.1	X	116.96366	251.11215	350.88811	11.66653	0.0766774	0.23914880	2.5705373	21	10 19.5	20.0
271650 2004 QF_8	16.0	X	30.59221	302.75267	36.84354	13.94233	0.1606149	0.24052389	2.5607307	21	11 22.3	19.1
271651 2004 QU_{12}	17.0	X	174.25870	211.42444	96.32722	8.79828	0.2084325	0.25939630	2.4349695	21	—	—
271652 2004 QQ_{14}	16.3	X	294.56078	168.13648	172.57155	14.45440	0.2618899	0.22413700	2.6840690	21	5 17.6	20.2
271653 2004 QL_{18}	15.8	X	296.62931	341.91499	22.23454	13.35580	0.2005510	0.22314150	2.6920460	21	6 28.8	19.4
271654 2004 QP_{25}	17.8	X	285.98096	103.61478	157.63503	22.22901	0.0935204	0.38666506	1.8660048	21	1 14.3	20.4
271655 2004 QR_{25}	15.9	X	58.38255	310.66558	308.98881	31.20579	0.2491605	0.23470679	2.6028688	21	9 9.7	20.0
271656 2004 RO_1	16.2	X	94.43746	157.94652	137.72280	19.14852	0.2187350	0.24364538	2.5388123	21	12 19.4	20.7
271657 2004 RP_5	16.2	X	248.03118	303.81127	71.66678	8.32237	0.1653024	0.21911478	2.7249273	21	5 20.9	20.3
271658 2004 RP_{18}	16.8	X	333.73570	34.74543	334.86464	4.37124	0.1342275	0.23304905	2.6151975	21	9 21.2	19.5
271659 2004 RJ_{21}	16.9	X	37.11682	168.55661	169.03944	9.05552	0.1758147	0.23951622	2.5679078	21	12 4.8	20.3
271660 2004 RG_{23}	16.6	X	173.74423	95.21225	144.07608	4.81644	0.0848030	0.24680524	2.5170961	21	12 21.8	20.4
271661 2004 RH_{39}	16.7	X	298.35041	292.85778	96.26891	3.27702	0.1037182	0.22965920	2.6408687	21	8 22.9	19.9
271662 2004 RM_{40}	16.6	X	203.42592	123.39424	306.67852	3.44791	0.1131180	0.22043810	2.7140111	21	6 16.9	20.7
271663 2004 RB_{50}	15.9	X	267.44659	267.59167	154.58909	22.05911	0.0658723	0.23112043	2.6297259	21	8 27.9	19.2
271664 2004 RD_{52}	16.4	X	256.11114	213.60684	160.53661	11.29665	0.1586502	0.22040273	2.7143014	21	5 30.0	20.7
271665 2004 RA_{55}	16.5	X	94.39329	285.72040	6.82535	7.66607	0.1331762	0.24202200	2.5501525	21	12 5.5	20.4
271666 2004 RC_{55}	16.0	X	70.52345	322.83630	357.40467	26.84017	0.0965678	0.24154274	2.5535246	21	12 5.5	20.2
271667 2004 RO_{57}	16.8	X	53.33031	178.78650	148.48033	8.39742	0.2065351	0.24037261	2.5618049	21	12 15.3	20.5
271668 2004 RX_{59}	16.4	X	264.56524	21.87335	344.23301	13.12874	0.1970025	0.22101318	2.7093010	21	5 17.6	20.7
271669 2004 RZ_{59}	17.2	X	64.25557	15.52943	321.08558	1.26589	0.2018918	0.24369315	2.5384805	21	—	—
271670 2004 RP_{62}	15.8	X	271.82700	186.75032	178.70989	13.86385	0.1238942	0.22196467	2.7015530	21	6 9.5	19.8
271671 2004 RO_{63}	16.4	X	292.55812	220.28354	170.58990	12.00594	0.1434979	0.22793947	2.6541351	21	8 6.4	19.7
271672 2004 RF_{67}	15.9	X	287.53220	213.58740	171.74407	8.93997	0.0754068	0.22630516	2.6668980	21	8 2.1	19.5
271673 2004 RZ_{67}	16.8	X	344.63410	350.62007	4.74906	4.15102	0.2335849	0.23177683	2.6247586	21	9 24.4	18.5
271674 2004 RG_{73}	16.4	X	347.75350	139.03637	167.46372	17.27627	0.1993693	0.22662570	2.6643827	21	7 11.6	19.3
271675 2004 RW_{73}	16.6	X	341.93652	79.89178	290.65589	4.45788	0.0732449	0.23445663	2.6047200	21	10 6.5	19.7
271676 2004 RT_{76}	16.2	X	316.08499	340.65322	21.06343	6.80070	0.1698430	0.22713189	2.6604226	21	8 5.7	19.1
271677 2004 RF_{77}	16.2	X	280.89215	162.46777	162.18715	9.89281	0.2268973	0.21762598	2.7373409	21	4 16.1	20.3
271678 2004 RO_{77}	16.2	X	313.10601	311.42716	41.51075	6.57188	0.1944421	0.22576705	2.6711340	21	7 12.1	19.2
271679 2004 RB_{79}	16.4	X	12.89276	155.18201	195.42576	7.69448	0.1895335	0.23488182	2.6015756	21	11 16.5	19.2
271680 2004 RY_{80}	17.1	X	96.84698	85.88034	228.65565	2.63403	0.1507817	0.24577373	2.5241340	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271681 2004 RZ_{81}	17.0	X	47.67285	34.72261	296.07106	1.39009	0.1738863	0.23790695	2.5794748	21	12 7.4	20.4
271682 2004 RO_{83}	16.8	X	12.36277	331.68958	8.13285	4.14917	0.1832389	0.23332759	2.6131157	21	10 27.6	19.5
271683 2004 RW_{83}	17.3	X	270.99625	67.13789	191.80718	19.79053	0.0459044	0.38106364	1.8842465	21	—	—
271684 2004 RW_{85}	17.3	X	79.12186	112.35808	225.23031	2.58832	0.1779000	0.24693083	2.5162425	21	—	—
271685 2004 RF_{90}	17.1	X	212.53875	117.32317	189.68537	7.10727	0.2435562	0.26579891	2.3957082	21	1 18.4	21.3
271686 2004 RS_{92}	16.9	X	91.91279	128.15177	195.39130	7.88778	0.1903724	0.24759572	2.5117358	21	—	—
271687 2004 RY_{96}	16.4	X	175.51857	107.02575	286.07387	7.92968	0.1754698	0.20925780	2.8098401	21	4 2.3	21.2
271688 2004 RB_{100}	16.3	X	359.64041	144.25773	185.55571	10.59693	0.0944896	0.23157269	2.6263009	21	9 9.8	19.3
271689 2004 RF_{100}	16.7	X	247.78555	144.82790	215.42351	2.75812	0.2097390	0.21758483	2.7376860	21	4 27.1	20.9
271690 2004 RS_{101}	16.7	X	331.27629	25.19129	301.73698	3.04579	0.1915539	0.22697005	2.6616872	21	7 8.5	19.1
271691 2004 RW_{106}	16.9	X	351.36212	91.34367	287.12036	2.31885	0.1158584	0.23807463	2.5782635	21	11 6.9	19.6
271692 2004 RY_{107}	16.8	X	27.53097	336.49038	350.41667	2.11362	0.1518014	0.23515528	2.5995583	21	10 30.9	19.9
271693 2004 RX_{114}	16.3	X	329.68505	341.88976	2.75864	13.18323	0.3002752	0.22961789	2.6411855	21	7 22.0	18.7
271694 2004 RW_{134}	17.0	X	243.79470	10.34576	51.64595	2.00953	0.0349948	0.22705733	2.6610051	21	8 1.1	20.6
271695 2004 RH_{140}	16.9	X	252.72006	222.62889	193.96919	5.52101	0.0550359	0.22706824	2.6609198	21	7 31.2	20.6
271696 2004 RN_{144}	15.6	X	322.73674	165.95422	247.70232	9.55274	0.2018846	0.17481039	3.1678010	21	10 15.6	19.1
271697 2004 RD_{145}	17.4	X	192.14325	354.77075	290.93488	0.79454	0.1775476	0.25851302	2.4405129	21	—	—
271698 2004 RL_{146}	16.0	X	293.74850	75.91501	347.54053	9.18353	0.2064003	0.17212254	3.2006944	21	9 9.4	20.1
271699 2004 RJ_{147}	16.7	X	4.23921	337.19911	0.76972	4.93938	0.1928010	0.23341168	2.6124882	21	10 10.3	19.2
271700 2004 RQ_{148}	17.4	X	182.40961	94.09117	194.90338	4.26916	0.1831312	0.25705253	2.4497483	21	—	—
271701 2004 RU_{148}	16.2	X	355.82393	170.61821	169.05231	11.94880	0.1934826	0.23140406	2.6275767	21	9 26.3	18.4
271702 2004 RG_{154}	16.7	X	104.22776	43.74863	226.54148	3.56421	0.1121201	0.24089508	2.5580995	21	11 17.7	20.5
271703 2004 RT_{154}	16.5	X	300.55492	62.11244	325.78100	10.27079	0.1665241	0.22906413	2.6454404	21	8 14.2	19.3
271704 2004 RB_{156}	17.0	X	111.29261	7.00877	282.00230	3.17941	0.0805445	0.24372740	2.5382427	21	12 16.5	20.6
271705 2004 RL_{158}	16.1	X	175.09375	101.03213	335.64188	8.73338	0.1409816	0.21594698	2.7515112	21	5 26.1	20.6
271706 2004 RP_{172}	16.5	X	344.58747	71.31998	231.37615	6.29210	0.1978052	0.22692011	2.6620777	21	6 28.7	18.9
271707 2004 RW_{180}	16.2	X	228.07372	168.50365	232.35966	7.91149	0.2402276	0.21760154	2.7375459	21	5 28.1	20.7
271708 2004 RG_{182}	16.4	X	231.51450	43.56685	335.07701	7.25748	0.2232208	0.21624981	2.7489419	21	5 1.7	21.2
271709 2004 RT_{184}	16.6	X	162.49512	208.02994	210.90648	6.49739	0.1852458	0.21102015	2.7941739	21	4 26.7	21.0
271710 2004 RV_{185}	16.8	X	104.67023	306.09429	345.57840	9.55081	0.1727248	0.24372015	2.5382930	21	12 18.3	21.0
271711 2004 RN_{191}	15.7	X	250.73154	45.00069	337.19884	8.97264	0.1434267	0.21929964	2.7233959	21	6 1.5	20.0
271712 2004 RR_{193}	16.1	X	27.78425	358.83408	341.60046	11.65013	0.1943652	0.23559249	2.5963411	21	11 22.6	19.4
271713 2004 RU_{200}	15.8	X	357.05620	64.11213	292.70585	5.30514	0.3004258	0.23143277	2.6273593	21	11 5.0	17.7
271714 2004 RE_{203}	17.3	X	74.10905	268.81931	43.91264	1.38991	0.0147325	0.24063116	2.5599696	21	11 25.2	20.6
271715 2004 RK_{204}	15.8	X	238.53815	79.77717	276.87832	6.50932	0.3118822	0.21497761	2.7597764	21	4 6.1	20.8
271716 2004 RY_{212}	14.9	X	68.83053	40.73375	241.60295	17.63037	0.0902448	0.17587439	3.1550117	21	10 7.8	19.6
271717 2004 RY_{215}	15.2	X	299.13819	326.24087	324.27891	16.47897	0.2636468	0.21676506	2.7445840	21	3 11.1	19.4
271718 2004 RA_{217}	16.1	X	76.69294	341.67145	320.57563	10.57727	0.2045705	0.23985454	2.5654925	21	12 6.6	20.2
271719 2004 RT_{219}	16.1	X	275.91821	18.21475	340.07680	15.93314	0.2421264	0.21973852	2.7197683	21	5 12.6	20.6
271720 2004 RD_{226}	16.0	X	211.08149	227.70044	187.77543	9.59097	0.1909198	0.21611922	2.7500492	21	6 3.9	20.7
271721 2004 RV_{228}	16.5	X	208.67573	141.87458	334.96441	2.94523	0.0352873	0.22530880	2.6747546	21	8 28.7	20.1
271722 2004 RH_{233}	16.9	X	62.54013	318.91813	14.71744	5.09194	0.2479857	0.24120302	2.5559217	21	—	—
271723 2004 RP_{234}	16.7	X	189.16342	281.68073	161.70507	14.77972	0.1109688	0.22239782	2.6980440	21	6 20.2	21.2
271724 2004 RX_{238}	16.7	X	136.35284	35.56030	177.37351	17.69436	0.1547695	0.23595945	2.5936486	21	10 13.1	20.9
271725 2004 RF_{240}	15.9	X	237.64531	319.32853	175.52087	11.25294	0.0296987	0.17864010	3.1223632	21	10 24.4	20.4
271726 2004 RD_{241}	16.2	X	194.61173	350.71070	172.75823	14.18630	0.0977334	0.23505150	2.6003234	21	10 9.6	20.1
271727 2004 RO_{246}	16.2	X	208.80163	223.57251	194.39114	5.87622	0.0658982	0.21675400	2.7446773	21	6 9.8	20.2
271728 2004 RC_{251}	16.1	X	278.76108	18.05670	288.95042	5.41502	0.0455873	0.21333599	2.7739160	21	4 10.1	20.0
271729 2004 RL_{256}	17.4	X	128.68685	51.02626	5.49839	20.76112	0.0425708	0.38118075	1.8838605	21	2 11.6	19.6
271730 2004 RB_{260}	16.8	X	78.83637	239.01726	183.47364	6.36082	0.2133261	0.19687817	2.9264268	21	1 31.2	20.3
271731 2004 RC_{269}	16.7	X	257.39874	191.56877	176.04419	6.60286	0.0918035	0.22022516	2.7157603	21	5 30.0	20.6
271732 2004 RG_{273}	16.6	X	66.89196	197.61576	43.08574	2.43060	0.2437864	0.23206295	2.6226007	21	9 15.9	20.1
271733 2004 RN_{288}	14.4	X	293.70436	73.03131	31.41125	25.79825	0.2397538	0.17437695	3.1730482	21	10 26.6	18.1
271734 2004 RC_{292}	16.3	X	76.15501	94.57572	233.56282	5.08546	0.1282336	0.24187397	2.5511928	21	12 30.8	20.1
271735 2004 RD_{292}	15.9	X	300.45649	358.97159	4.58909	18.81142	0.0641800	0.22326743	2.6910337	21	8 2.7	19.7
271736 2004 RB_{293}	16.3	X	276.23575	87.92497	311.01872	8.30207	0.0606668	0.22705539	2.6610202	21	8 8.5	19.7
271737 2004 RD_{293}	16.8	X	138.39182	295.87269	326.18707	1.77620	0.0803953	0.24412774	2.5354670	21	12 11.9	20.6
271738 2004 RV_{298}	16.3	X	291.95722	291.51468	358.61943	6.45775	0.0454226	0.21338058	2.7735295	21	4 6.7	20.0
271739 2004 RB_{302}	16.5	X	295.64458	271.88700	25.60095	4.81120	0.0575215	0.21565094	2.7540288	21	4 20.2	20.1
271740 2004 RQ_{308}	16.4	X	5.57320	354.95113	302.60955	5.58294	0.1958225	0.22745783	2.6578805	21	8 10.7	18.7
271741 2004 RF_{310}	16.9	X	30.57545	101.00432	222.74835	3.77431	0.1917256	0.23506432	2.6002289	21	11 7.5	19.9
271742 2004 RG_{317}	16.5	X	107.95203	80.43145	200.37955	9.41522	0.2043395	0.24281960	2.5445650	21	12 10.3	20.8
271743 2004 RJ_{317}	16.4	X	45.03278	86.45332	202.79758	10.73276	0.1823119	0.23295538	2.6158985	21	10 10.9	19.7
271744 2004 RB_{324}	16.3	X	318.59959	9.14626	345.75767	14.92429	0.1447784	0.22509131	2.6764773	21	8 5.8	19.4
271745 2004 RM_{324}	16.5	X	211.95933	103.88873	310.59439	7.35269	0.1368373	0.21713475	2.7414679	21	6 4.1	21.0
271746 2004 RT_{325}	16.3	X	350.25908	20.04327	334.41350	6.80572	0.2715061	0.23068698	2.6330190	21	10 7.2	18.1
271747 2004 RN_{330}	16.9	X	341.31119	187.76765	167.60831	1.46931	0.0785574	0.23095670	2.6309686	21	9 16.3	19.8
271748 2004 RC_{336}	16.2	X	281.39612	304.10735	354.86960	7.43629	0.2070145	0.21269172	2.7795148	21	3 15.9	20.5
271749 2004 RF_{337}	16.5	X	217.88860	100.01597	5.16143	4.92877	0.0685637	0.22443018	2.6817310	21	8 22.8	20.4
271750 2004 RG_{338}	16.4	X	291.67416	3.11986	21.16444	3.75904	0.1202940	0.22458011	2.6805373	21	8 2.9	19.8
271751 2004 RQ_{340}	15.6	X	223.19070	237.94674	148.21866	27.09544	0.1660016	0.21529413	2.7570708	21	5 17.1	20.6
271752 2004 RS_{341}	15.6	X	325.39323	329.36194	29.51858	14.45299	0.2751331	0.22593982	2.6697722	21	8 10.7	18.2
271753 2004 RD_{344}	16.7	X	123.87504	156.31588	139.55104	6.74425	0.1310029	0.24775606	2.5106520	21	—	—
271754 2004 RB_{345}	17.1	X	5.31703	12.16336	340.00488	4.83727	0.1897379	0.23450639	2.6043515	21	11 1.1	19.8
271755 2004 RA_{346}	17.5	X	209.98339	312.56633	357.68061	20.95446	0.0435028	0.37709181	1.8974543	21	—	—
271756 2004 RQ_{346}	16.1	X	88.12547	62.79210	259.36641	5.16939	0.2811643	0.24211991	2.5494650	21	—	—
271757 2004 RZ_{355}	16.7	X	302.16175	324.07583	50.09828	7.10567	0.1675846	0.22824077	2.6517988	21	7 29.7	19.8
271758 2004 SF_{1}	16.2	X	305.37494	214.48037	164.05535	8.49301	0.1522988	0.23026735	2.6362169	21	8 9.4	19.2
271759 2004 SE_{3}	16.3	X	241.66921	128.71567	220.51706	4.01773	0.0795017	0.21303252	2.7765496	21	4 18.1	20.2
271760 2004 SH_{4}	16.5	X	203.47961	65.36057	310.62627	8.08464	0.1726074	0.21229824	2.7829482	21	4 5.6	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271761 2004 SV_{7}	16.8	X	194.81983	328.24937	34.48144	2.40088	0.0833101	0.20851963	2.8164675	21	3 17.2	20.9
271762 2004 SC_{14}	16.6	X	58.37819	166.29416	192.13149	6.01229	0.1890463	0.24201625	2.5501929	21	—	—
271763 Hebrewu	16.4	X	127.20446	256.43218	164.44585	13.37562	0.2516262	0.20342807	2.8632689	21	4 5.7	21.0
271764 2004 SZ_{31}	16.4	X	343.08228	346.37961	10.40848	8.34823	0.0573008	0.23020726	2.6366756	21	9 22.2	19.6
271765 2004 SX_{32}	16.4	X	12.18975	175.92764	175.05279	10.62037	0.1532800	0.23392466	2.6086674	21	11 11.5	19.4
271766 2004 SV_{35}	16.5	X	127.31839	258.89353	310.49451	7.43032	0.0795670	0.23364861	2.6107217	21	9 19.8	20.4
271767 2004 SP_{39}	15.6	X	282.10212	148.38507	190.84487	7.40237	0.2442627	0.21822393	2.7323383	21	5 2.2	19.6
271768 2004 SK_{42}	16.1	X	323.79123	114.39058	263.65954	3.92331	0.1422287	0.17189197	3.2035560	21	9 5.2	19.9
271769 2004 SM_{48}	16.0	X	61.22862	312.10585	9.92812	14.42937	0.2089693	0.23756008	2.5819852	21	12 14.8	20.1
271770 2004 SA_{51}	16.5	X	85.04176	61.55419	210.54445	2.85384	0.1539177	0.23479893	2.6021878	21	11 3.1	20.1
271771 2004 SR_{55}	16.5	X	256.87074	106.69999	244.63162	3.28189	0.0992581	0.21507921	2.7589072	21	5 5.9	20.6
271772 2004 TA	16.5	X	235.84674	219.56267	106.53540	4.66562	0.0924269	0.20951625	2.8075289	21	3 15.9	20.8
271773 2004 TL_{8}	17.4	X	195.25489	292.36510	42.32248	23.89224	0.1006993	0.37853133	1.8926406	21	1 17.5	20.3
271774 2004 TO_{12}	18.8	X	349.00725	352.08134	294.18350	1.55695	0.1481023	0.39859435	1.8285856	21	6 7.3	18.9
271775 2004 TZ_{12}	16.0	X	298.74489	253.56277	99.81987	6.14091	0.1857095	0.22223171	2.6993883	21	6 19.2	19.3
271776 2004 TC_{13}	16.0	X	258.80500	307.28649	58.24020	17.46735	0.2802646	0.21815324	2.7329285	21	5 9.1	20.4
271777 2004 TN_{15}	17.1	X	138.25053	317.90147	30.93353	21.16997	0.0841738	0.36957642	1.9230912	21	—	—
271778 2004 TF_{20}	17.7	X	294.38369	58.16785	214.17575	24.48672	0.0495929	0.38575232	1.8689471	21	2 8.3	20.4
271779 2004 TG_{22}	16.3	X	116.96169	207.76112	213.39123	5.68470	0.0903412	0.20271322	2.8699963	21	3 2.0	20.4
271780 2004 TH_{22}	17.0	X	329.37121	174.53915	226.17313	3.62553	0.0348176	0.23489339	2.6014901	21	10 30.9	20.3
271781 2004 TZ_{26}	16.8	X	118.07759	86.66669	195.84705	3.62380	0.1171478	0.24249134	2.5468609	21	12 17.2	20.7
271782 2004 TE_{28}	16.5	X	225.82627	62.13332	20.23830	5.09272	0.0284720	0.22421388	2.6834554	21	8 7.2	20.2
271783 2004 TY_{28}	17.0	X	59.96708	165.88748	143.95126	1.46822	0.1912829	0.23805308	2.5784191	21	11 28.1	20.6
271784 2004 TP_{33}	17.1	X	159.01905	178.49533	257.56051	1.87716	0.1283313	0.20985112	2.8045414	21	5 11.0	21.4
271785 2004 TQ_{37}	16.9	X	12.57562	132.91275	190.73172	4.21048	0.1569407	0.23036868	2.6354438	21	10 1.4	19.7
271786 2004 TV_{37}	17.3	X	117.48593	268.94423	27.75122	2.73038	0.1348953	0.24327865	2.5413631	21	—	—
271787 2004 TF_{41}	16.3	X	340.31847	295.38258	41.18750	13.34093	0.2854072	0.22812288	2.6527123	21	8 15.1	18.5
271788 2004 TR_{42}	16.8	X	86.19763	323.78785	328.85822	2.75699	0.2188563	0.23778809	2.5803343	21	12 5.3	20.9
271789 2004 TS_{45}	16.8	X	352.63337	299.48273	22.35415	11.64611	0.1561757	0.22589691	2.6701102	21	8 25.1	19.6
271790 2004 TZ_{47}	16.7	X	201.70780	281.55455	44.53715	3.04348	0.0640801	0.20023532	2.8936251	21	2 9.4	21.0
271791 2004 TB_{48}	16.7	X	10.16772	296.67904	31.46212	9.68942	0.1947126	0.23031892	2.6358234	21	10 10.3	19.3
271792 2004 TT_{48}	16.4	X	319.24117	319.10374	38.65209	6.49945	0.0508768	0.22416691	2.6838303	21	8 19.5	19.8
271793 2004 TQ_{50}	15.8	X	354.12448	322.89283	20.49925	8.80479	0.1596877	0.22791074	2.6543582	21	9 26.2	18.3
271794 2004 TX_{54}	16.0	X	271.96941	342.28002	42.16417	6.50261	0.0354881	0.21928405	2.7235249	21	7 19.4	19.7
271795 2004 TP_{56}	16.3	X	252.53112	250.66424	202.12020	11.05626	0.0921460	0.22895995	2.6462429	21	9 11.3	20.1
271796 2004 TN_{57}	16.6	X	333.61571	280.45709	327.98165	1.64979	0.0446958	0.21151385	2.7898242	21	4 9.4	20.2
271797 2004 TJ_{61}	16.5	X	0.58228	167.17597	180.35251	14.40905	0.1927528	0.23308667	2.6149161	21	10 20.3	19.0
271798 2004 TX_{62}	17.4	X	77.73297	264.79870	16.81270	11.28204	0.1910116	0.23510346	2.5999403	21	11 8.4	21.4
271799 2004 TE_{68}	16.0	X	262.50457	292.56229	75.84947	8.41883	0.1636541	0.21823160	2.7322742	21	5 27.4	19.9
271800 2004 TQ_{69}	16.3	X	316.66476	323.77715	44.77269	6.92424	0.1516878	0.22764969	2.6563869	21	8 20.3	19.2
271801 2004 TD_{78}	16.6	X	304.99077	108.76143	273.40463	3.35138	0.0575274	0.22778568	2.6553296	21	8 26.5	19.9
271802 2004 TC_{82}	17.1	X	87.48454	297.15239	276.09517	1.88606	0.0462497	0.22339048	2.6900454	21	8 5.1	20.6
271803 2004 TB_{86}	16.4	X	165.61734	220.25024	186.75891	3.62223	0.0982241	0.20844286	2.8171591	21	4 10.5	20.6
271804 2004 TE_{88}	17.0	X	115.31978	352.21503	69.95772	1.45992	0.2453822	0.20069392	2.8892153	21	3 24.6	21.4
271805 2004 TU_{90}	16.1	X	107.20370	134.28019	15.03355	12.83020	0.1649205	0.21150236	2.7899253	21	6 22.1	20.5
271806 2004 TZ_{93}	16.4	X	21.85483	105.40134	202.74695	9.62483	0.0890795	0.22814649	2.6525293	21	9 14.4	19.6
271807 2004 TB_{95}	15.5	X	208.52409	284.78414	201.03207	6.02635	0.0583099	0.16655192	3.2716710	21	9 1.2	20.5
271808 2004 TJ_{97}	16.5	X	334.72052	150.74645	198.78283	8.87105	0.0698230	0.22624032	2.6674076	21	8 24.9	19.7
271809 2004 TL_{101}	16.4	X	291.12338	318.58533	26.99873	5.96145	0.0678092	0.21828337	2.7318422	21	6 15.8	20.0
271810 2004 TX_{102}	16.5	X	81.07595	332.47830	0.53755	13.58584	0.3077880	0.24268193	2.5455273	21	—	—
271811 2004 TV_{106}	15.8	X	307.42760	311.67427	38.95727	15.30910	0.1190716	0.22428185	2.6829133	21	7 11.7	19.4
271812 2004 TR_{117}	16.6	X	292.79779	304.03089	69.99319	5.50333	0.1169094	0.22375536	2.6871202	21	7 21.3	20.0
271813 2004 TH_{118}	16.4	X	325.45091	257.14182	39.32192	7.16739	0.2566174	0.22168777	2.7038020	21	4 30.9	19.3
271814 2004 TW_{119}	16.3	X	338.60131	118.80701	247.33860	9.03016	0.1413853	0.23093776	2.6311125	21	9 21.5	19.3
271815 2004 TO_{123}	16.5	X	38.05862	244.09412	93.53651	3.82564	0.2284023	0.23646868	2.5899237	21	12 12.1	19.7
271816 2004 TU_{123}	16.4	X	193.97050	259.88009	146.02670	5.58994	0.1708493	0.21202490	2.7853395	21	5 9.6	21.0
271817 2004 TR_{124}	16.0	X	97.85829	40.16519	1.80482	5.27342	0.0823475	0.19724671	2.9227805	21	1 16.5	19.9
271818 2004 TB_{128}	16.4	X	57.97757	151.25225	165.31792	10.29306	0.1518266	0.23748310	2.5825431	21	11 30.6	20.2
271819 2004 TZ_{129}	16.6	X	280.89981	220.91156	151.32095	9.12360	0.1364067	0.22303257	2.6929225	21	6 27.6	20.3
271820 2004 TN_{137}	16.0	X	31.91225	144.82270	197.74403	14.23794	0.1226142	0.23498331	2.6008264	21	11 25.1	19.4
271821 2004 TF_{138}	15.7	X	279.52897	230.46053	218.73727	21.03223	0.0330223	0.23375070	2.6099615	21	10 24.7	19.0
271822 2004 TE_{145}	16.3	X	206.21345	2.11567	51.66833	3.93051	0.0925212	0.21308793	2.7760683	21	5 30.7	20.5
271823 2004 TD_{146}	16.5	X	79.89755	280.76623	22.29405	13.48422	0.1886767	0.23874603	2.5734275	21	12 7.4	20.7
271824 2004 TL_{146}	15.9	X	200.77957	33.19403	48.75623	4.58842	0.0964517	0.21770027	2.7367182	21	6 30.4	20.0
271825 2004 TN_{154}	16.9	X	165.39618	224.38700	198.50533	3.28215	0.0848526	0.20993263	2.8038154	21	4 29.3	21.0
271826 2004 TN_{156}	16.5	X	210.20584	266.11449	189.47287	5.54123	0.0230626	0.22284524	2.6944315	21	8 1.6	20.3
271827 2004 TG_{160}	15.8	X	330.88733	83.46941	240.20233	3.90961	0.0488201	0.21968274	2.7202288	21	7 16.4	19.1
271828 2004 TO_{167}	16.7	X	153.41462	255.80344	350.87534	3.33570	0.1581088	0.24330782	2.5411599	21	12 6.6	20.8
271829 2004 TS_{167}	16.9	X	140.86624	263.98201	204.13831	3.59722	0.1692999	0.21297468	2.7770524	21	6 5.7	21.2
271830 2004 TO_{169}	15.8	X	295.61204	313.73529	39.45711	11.38595	0.1188439	0.22113413	2.7083131	21	6 24.6	19.5
271831 2004 TW_{170}	16.1	X	235.45044	324.34279	57.58374	7.05218	0.1138857	0.21499971	2.7595873	21	5 20.1	20.2
271832 2004 TT_{171}	16.3	X	234.41241	336.37867	82.65983	6.34845	0.1545701	0.21963254	2.7206433	21	7 2.1	20.5
271833 2004 TG_{173}	17.5	X	210.90089	289.12508	15.92653	20.03571	0.0893733	0.37475620	1.9053298	21	—	—
271834 2004 TE_{185}	16.7	X	343.42703	124.50030	225.80930	3.20575	0.0958046	0.22893383	2.6464441	21	9 10.7	19.7
271835 2004 TH_{187}	17.0	X	351.16804	108.08283	228.79383	2.15872	0.0895994	0.22832018	2.6511839	21	9 5.2	19.9
271836 2004 TM_{187}	16.4	X	292.99285	351.95836	12.56879	6.40462	0.0498507	0.22259851	2.6964221	21	7 19.6	20.0
271837 2004 TH_{197}	16.4	X	157.31619	50.56893	23.64574	5.15276	0.0996798	0.20889952	2.8130520	21	5 4.6	20.7
271838 2004 TC_{198}	16.1	X	172.34009	42.53533	32.04925	6.70709	0.0650764	0.21201501	2.7854261	21	5 19.3	20.2
271839 2004 TG_{199}	16.5	X	229.79265	199.29279	196.32140	3.75838	0.1959503	0.21551337	2.7552007	21	5 26.2	20.9
271840 2004 TE_{206}	15.9	X	21.55043	122.73902	218.88396	6.23720	0.1987170	0.23231975	2.6206677	21	11 18.6	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271841 2004 TW_{206}	15.9	X	83.48221	326.03024	221.48664	12.76164	0.1355798	0.21142080	2.7906428	21	7 7.3	19.9
271842 2004 TP_{215}	16.3	X	130.97545	241.51538	11.74260	10.97897	0.1044388	0.23978939	2.5659572	21	11 20.3	20.4
271843 2004 TG_{217}	16.5	X	126.20684	248.78484	5.56026	8.72100	0.1287189	0.23890789	2.5722651	21	11 18.2	20.6
271844 2004 TP_{222}	16.2	X	149.37471	73.57544	340.90760	14.27990	0.1518573	0.20525408	2.8462618	21	4 1.8	20.8
271845 2004 TV_{227}	16.8	X	74.17700	285.05177	349.04230	4.32243	0.1483294	0.23255629	2.6188904	21	10 22.0	20.6
271846 2004 TU_{228}	17.0	X	129.36267	174.78136	214.27325	4.56605	0.1541158	0.19862641	2.9092299	21	2 14.2	21.4
271847 2004 TS_{235}	17.3	X	73.97960	234.04033	66.43044	2.27923	0.1435495	0.23593453	2.5938312	21	11 25.4	20.9
271848 2004 TC_{241}	16.4	X	302.98455	158.96797	214.84051	15.56313	0.1533415	0.22506230	2.6767073	21	7 25.1	19.9
271849 2004 TX_{242}	15.3	X	330.02037	308.05902	112.18787	18.44157	0.1424644	0.17717064	3.1396041	21	11 20.4	19.3
271850 2004 TE_{243}	15.7	X	284.53896	265.07457	108.32242	15.55918	0.1710000	0.22134280	2.7066106	21	6 28.9	19.3
271851 2004 TD_{247}	16.2	X	84.32930	175.84021	164.34689	13.64149	0.1956729	0.24417039	2.5351717	21	—	—
271852 2004 TR_{248}	16.6	X	28.85479	352.77207	320.16779	2.15159	0.1497711	0.23075357	2.6325125	21	10 12.4	19.7
271853 2004 TP_{253}	16.3	X	174.73114	230.82925	197.20450	24.91098	0.1570832	0.21183195	2.7870307	21	5 18.7	21.1
271854 2004 TA_{258}	16.1	X	36.53199	273.94265	17.68262	6.36856	0.1075249	0.22792738	2.6542290	21	9 20.9	19.3
271855 2004 TJ_{265}	16.4	X	209.46669	20.23525	23.78784	3.47133	0.0948433	0.21266750	2.7797258	21	5 21.3	20.6
271856 2004 TR_{270}	16.7	X	221.23550	336.67338	41.32212	9.27267	0.1641734	0.21169846	2.7882021	21	4 28.3	21.1
271857 2004 TH_{272}	16.4	X	222.11057	14.45413	7.90134	4.34157	0.1320091	0.21113827	2.7931317	21	5 4.8	20.9
271858 2004 TO_{273}	16.0	X	46.00494	86.56103	224.15936	11.44215	0.1420457	0.23126189	2.6286535	21	11 3.4	19.2
271859 2004 TN_{277}	16.5	X	208.06086	195.14585	212.87372	11.08588	0.0903256	0.21197957	2.7857365	21	5 26.5	20.7
271860 2004 TG_{278}	17.6	X	121.62841	252.06970	57.27297	4.44451	0.2641695	0.24593563	2.5230262	21	—	—
271861 2004 TX_{279}	16.5	X	176.81423	29.53514	38.40620	4.88725	0.0520582	0.21085350	2.7956460	21	5 16.1	20.4
271862 2004 TE_{286}	16.5	X	63.72717	77.91959	214.06541	10.42023	0.1594782	0.23188993	2.6239051	21	11 4.9	20.0
271863 2004 TS_{291}	17.3	X	277.77587	188.69121	198.76894	1.22595	0.1361952	0.22300947	2.6931084	21	7 13.9	21.0
271864 2004 TV_{299}	16.9	X	204.07119	54.93982	2.41249	3.08451	0.0846695	0.21410919	2.7672337	21	6 1.9	21.1
271865 2004 TM_{305}	16.4	X	124.42294	243.70012	16.12034	4.66211	0.0416789	0.23865776	2.5740621	21	11 20.7	20.1
271866 2004 TF_{310}	15.7	X	138.92703	34.05853	312.13093	9.65261	0.1153970	0.19364764	2.9588838	21	1 3.4	20.1
271867 2004 TN_{311}	16.5	X	96.57782	280.73017	359.80138	5.84400	0.1663198	0.24001842	2.5643246	21	11 25.3	20.5
271868 2004 TC_{326}	15.8	X	8.57089	106.40414	337.83585	13.28031	0.1498649	0.18638041	3.0353065	21	—	—
271869 2004 TN_{330}	16.6	X	103.92542	69.36033	199.57943	6.66500	0.1063853	0.23544830	2.5974010	21	11 15.3	20.4
271870 2004 TP_{332}	16.7	X	337.37946	118.53411	228.96855	3.59566	0.1101116	0.22489956	2.6779984	21	8 25.7	19.6
271871 2004 TR_{332}	16.6	X	37.43029	228.44205	30.40867	2.41785	0.0220182	0.21872089	2.7281979	21	7 26.3	20.1
271872 2004 TU_{335}	16.1	X	79.95541	346.37880	206.30469	2.38155	0.0474946	0.21377402	2.7701254	21	6 28.2	19.7
271873 2004 TU_{336}	16.4	X	293.90891	32.74864	4.76623	15.41461	0.1210997	0.22974951	2.6401767	21	8 29.8	19.7
271874 2004 TM_{337}	16.5	X	268.22864	114.19840	198.38382	4.26623	0.0705404	0.21182239	2.7871145	21	4 3.7	20.5
271875 2004 TO_{343}	16.0	X	286.66881	308.18026	52.87671	11.19063	0.1703689	0.21907645	2.7252452	21	6 13.8	19.8
271876 2004 TY_{350}	16.4	X	169.50535	15.38516	59.00717	5.25206	0.0942073	0.20923477	2.8100463	21	5 18.4	20.5
271877 2004 TE_{354}	16.1	X	358.22059	178.36724	59.19384	10.29118	0.0731274	0.20715903	2.8287863	21	5 1.9	19.6
271878 2004 TQ_{359}	16.2	X	279.21597	11.10245	345.46728	7.07568	0.0631970	0.21981544	2.7191339	21	6 15.1	19.9
271879 2004 UL_{7}	15.9	X	340.08432	311.09258	25.60950	15.79929	0.1613136	0.22574257	2.6713271	21	8 24.2	18.9
271880 2004 UO_{7}	15.9	X	279.93993	344.64994	17.99179	9.33168	0.1567446	0.21843295	2.7305949	21	6 8.8	19.8
271881 2004 UO_{9}	17.0	X	110.69505	42.99925	346.18570	20.92379	0.1191935	0.37135637	1.9169412	21	—	—
271882 2004 US_{9}	16.1	X	340.95076	150.85223	215.28264	13.00331	0.2818357	0.22853538	2.6495193	21	9 27.9	17.9
271883 2004 VA_{2}	15.5	X	245.52130	341.79863	15.40700	13.10077	0.1453404	0.21228445	2.7830687	21	4 24.2	19.9
271884 2004 VX_{2}	16.2	X	53.76944	241.86450	46.86081	17.80819	0.1138338	0.22836796	2.6508141	21	10 17.2	19.8
271885 2004 VT_{3}	16.1	X	173.27243	7.49295	69.44091	4.58505	0.0728972	0.21074649	2.7965922	21	5 24.9	20.3
271886 2004 VF_{6}	16.0	X	224.71392	11.18169	70.92980	6.20696	0.1288067	0.21846574	2.7303217	21	7 25.1	20.1
271887 2004 VN_{12}	15.7	X	205.05318	3.09458	76.97946	13.72809	0.1217855	0.21518967	2.7579630	21	6 30.9	20.0
271888 2004 VG_{14}	15.5	X	37.55555	280.42517	58.18694	14.88963	0.2052401	0.23364636	2.6107385	21	12 7.2	18.9
271889 2004 VX_{15}	16.1	X	243.96889	288.39157	133.89505	9.14885	0.1629551	0.22021353	2.7158559	21	7 15.1	20.1
271890 2004 VW_{22}	16.0	X	237.98542	28.58657	54.15011	10.00021	0.1299840	0.21987218	2.7186660	21	8 12.4	20.2
271891 2004 VK_{24}	16.3	X	68.61401	259.61264	141.97284	14.96315	0.1534787	0.18780938	3.0198905	21	—	—
271892 2004 VU_{28}	16.7	X	289.19759	188.10103	197.74572	5.27430	0.0484623	0.22171467	2.7035834	21	8 9.1	20.3
271893 2004 VA_{34}	16.8	X	159.36844	302.70399	112.38447	3.14601	0.0560303	0.20482033	2.8502788	21	4 12.3	20.9
271894 2004 VL_{37}	16.4	X	194.75967	218.53335	238.45986	2.83446	0.0707090	0.21619047	2.7494449	21	7 13.6	20.5
271895 2004 VA_{43}	17.0	X	288.27632	159.78410	196.37173	1.10487	0.0206037	0.21664544	2.7455942	21	7 3.9	20.7
271896 2004 VK_{43}	16.6	X	257.30850	179.19813	190.07926	4.47651	0.0878065	0.21395918	2.7685270	21	6 1.4	20.6
271897 2004 VM_{45}	16.7	X	237.32377	309.77067	90.67247	5.57594	0.1062469	0.21488124	2.7606015	21	6 15.9	20.6
271898 2004 VH_{57}	16.1	X	265.49232	340.19623	40.86460	7.85530	0.1543291	0.21703966	2.7422686	21	6 16.5	20.0
271899 2004 VQ_{66}	16.3	X	327.83366	84.88950	233.92329	4.22627	0.0746474	0.21835453	2.7312487	21	7 2.8	19.7
271900 2004 VS_{71}	16.6	X	332.27386	107.06619	227.54667	3.91297	0.1260772	0.22122303	2.7075874	21	7 27.5	19.6
271901 2004 VP_{73}	16.2	X	81.57663	250.80670	147.15770	10.35966	0.2821482	0.18977925	2.9989569	21	1 17.4	19.7
271902 2004 VK_{79}	16.6	X	89.48192	157.50419	79.33016	3.71922	0.0544317	0.22345072	2.6895619	21	9 12.1	20.3
271903 2004 WB_{5}	16.1	X	323.16293	7.23534	43.40751	15.57460	0.0921323	0.23223372	2.6213149	21	11 3.0	18.8
271904 2004 WS_{5}	16.8	X	156.88183	256.96272	208.69710	3.44915	0.0641623	0.21102594	2.7941228	21	6 12.1	20.9
271905 2004 XR_{4}	15.8	X	25.93690	290.09518	63.66000	12.86997	0.1383405	0.23175062	2.6249565	21	12 1.1	19.1
271906 2004 XB_{6}	16.1	X	234.34925	179.46020	215.83612	9.16674	0.1568006	0.21373655	2.7704492	21	6 2.0	20.5
271907 2004 XB_{7}	15.8	X	9.12021	180.56037	275.42670	15.85935	0.3111506	0.18265174	3.0764759	21	—	—
271908 2004 XA_{8}	15.4	X	281.45572	33.66059	95.46058	16.91395	0.0455798	0.17243551	3.1968205	21	12 6.9	19.8
271909 2004 XY_{15}	16.6	X	20.84433	49.39849	280.46551	3.18436	0.2788576	0.22896613	2.6461953	21	11 12.6	19.3
271910 2004 XX_{22}	15.4	X	72.61713	196.44450	260.10499	9.08540	0.0794515	0.19337814	2.9616322	21	2 14.4	19.5
271911 2004 XA_{27}	16.1	X	111.38775	323.01976	115.36395	2.21445	0.1719572	0.19734542	2.9218058	21	3 31.8	20.3
271912 2004 XU_{28}	15.6	X	348.23462	75.78338	123.64987	11.37511	0.0206835	0.19106291	2.9855095	21	3 6.4	19.8
271913 2004 XU_{30}	17.1	X	158.77245	309.46342	32.75609	21.13851	0.0847683	0.36939604	1.9237172	21	—	—
271914 2004 XB_{35}	15.2	X	69.65933	12.02416	91.12887	14.26393	0.0466183	0.19071384	2.9891514	21	2 24.8	19.4
271915 2004 XV_{37}	16.1	X	302.96944	187.73106	175.08539	14.44038	0.2612248	0.22266078	2.6959193	21	6 25.8	19.6
271916 2004 XZ_{37}	15.4	X	125.55229	201.15214	159.47855	12.32765	0.1531661	0.19050672	2.9913175	21	1 9.4	19.9
271917 2004 XT_{43}	16.5	X	50.74479	313.85465	57.45970	1.96990	0.1894881	0.17848688	3.1241499	21	—	—
271918 2004 XB_{44}	16.3	X	111.66761	136.69756	249.08592	2.90626	0.1204108	0.19091932	2.9870063	21	1 19.0	20.4
271919 2004 XM_{45}	16.3	X	359.01644	262.69191	93.21870	10.08347	0.2050487	0.22768687	2.6560978	21	11 1.2	19.0
271920 2004 XM_{58}	16.0	X	62.47419	101.86206	316.50563	10.22215	0.0769422	0.18285181	3.0742313	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
271921 2004 XY_{64}	16.1	X	299.88211	331.60740	33.26121	8.13351	0.2309354	0.22037558	2.7145243	21	6 29.6	19.5
271922 2004 XA_{70}	16.3	X	62.92790	309.72713	11.14617	4.03913	0.2930527	0.23474007	2.6026228	21	12 25.3	20.4
271923 2004 XK_{75}	16.4	X	23.36867	358.37794	97.83383	4.97724	0.2595611	0.18421795	3.0590137	21	—	—
271924 2004 XA_{88}	15.2	X	322.44603	254.58039	272.98390	18.63701	0.2444519	0.17950304	3.1123482	21	—	—
271925 2004 XO_{100}	15.3	X	349.55782	342.59349	77.62857	6.90606	0.1054662	0.17436624	3.1731782	21	12 14.3	19.1
271926 2004 XY_{101}	15.5	X	28.60666	69.69452	357.32824	15.77514	0.2424802	0.18163431	3.0879538	21	—	—
271927 2004 XX_{108}	15.9	X	151.42426	341.05461	66.68475	11.76605	0.1137384	0.19915212	2.9041079	21	4 4.1	20.5
271928 2004 XH_{110}	15.7	X	13.01839	199.22122	266.22244	7.89862	0.1028414	0.18476861	3.0529329	21	—	—
271929 2004 XX_{110}	15.6	X	272.94855	347.16637	50.41392	10.53962	0.1944261	0.21969614	2.7201181	21	7 13.9	19.6
271930 2004 XW_{116}	16.2	X	71.70176	226.36210	214.88605	3.18722	0.0894473	0.18971502	2.9996338	21	1 29.9	20.0
271931 2004 XS_{117}	15.3	X	356.95206	167.21193	282.99430	12.46331	0.0501792	0.17776599	3.1325903	21	—	—
271932 2004 XV_{125}	15.9	X	12.62367	127.84771	333.59088	16.02386	0.3061181	0.18135587	3.0911137	21	—	—
271933 2004 XA_{129}	15.7	X	286.47714	311.86198	52.00173	9.37660	0.1746996	0.21760426	2.7375230	21	6 17.1	19.4
271934 2004 XR_{134}	15.2	X	128.06905	276.81501	69.63691	13.00210	0.1480176	0.18666291	3.0322432	21	—	—
271935 2004 XX_{145}	16.1	X	200.66770	357.18721	85.01410	4.06668	0.0671248	0.21403918	2.7678371	21	7 1.7	20.2
271936 2004 XY_{147}	16.2	X	225.09405	324.67384	86.31187	4.49824	0.0722686	0.21384847	2.7694824	21	6 18.8	20.1
271937 2004 XR_{167}	15.9	X	151.54379	354.01600	70.49741	3.34939	0.0563869	0.20072423	2.8889244	21	4 15.2	20.1
271938 2004 XG_{169}	15.9	X	2.74073	294.82275	300.99087	5.47515	0.0058823	0.20490011	2.8495389	21	5 4.9	19.9
271939 2004 XQ_{176}	16.8	X	140.40367	95.74133	312.86344	1.16604	0.0823293	0.19652604	2.9299214	21	3 15.3	21.1
271940 2004 XE_{191}	16.2	X	270.07333	327.02717	37.70639	8.72829	0.2352981	0.21564309	2.7540956	21	5 20.6	20.4
271941 2004 YY	15.6	X	47.37495	78.56350	358.23693	20.59473	0.3306000	0.18528445	3.0472639	21	1 13.3	18.5
271942 2004 YW_{19}	15.7	X	98.80136	59.97909	290.65353	8.24514	0.0903196	0.17575454	3.1564459	21	—	—
271943 2004 YJ_{29}	16.1	X	264.41102	272.60706	122.02481	5.24907	0.0833808	0.21433039	2.7653294	21	7 13.9	20.0
271944 2004 YG_{32}	15.5	X	337.87427	87.37479	25.51810	25.29174	0.3303372	0.17534238	3.1613903	21	—	—
271945 2005 AU_{2}	15.5	X	71.61313	348.56937	107.43320	9.81819	0.0784639	0.18755577	3.0226122	21	2 20.1	19.5
271946 2005 AF_{4}	15.3	X	342.28984	20.83762	103.19029	28.96357	0.1298390	0.17772539	3.1330673	21	—	—
271947 2005 AO_{5}	15.2	X	5.84357	25.56710	79.95603	10.67713	0.0600548	0.17871349	3.1215083	21	—	—
271948 2005 AW_{17}	15.3	X	35.71870	317.99321	120.89576	18.12937	0.2023171	0.18107891	3.0942648	21	—	—
271949 2005 AZ_{19}	15.5	X	314.71326	217.25805	287.25925	9.32541	0.1079889	0.17440906	3.1726586	21	—	—
271950 2005 AF_{23}	15.8	X	102.24060	322.76926	100.08623	10.58484	0.1513881	0.18918902	3.0051911	21	3 3.0	20.1
271951 2005 AR_{23}	15.4	X	28.87667	123.36713	338.48347	7.52991	0.1798884	0.18084299	3.0969553	21	—	—
271952 2005 AN_{25}	15.7	X	23.05557	9.73663	111.26846	8.12440	0.0774069	0.18465205	3.0542174	21	1 10.3	19.5
271953 2005 AB_{31}	15.6	X	16.39313	234.39033	287.11998	5.23197	0.1574152	0.18910886	3.0060403	21	2 14.9	19.1
271954 2005 AK_{35}	16.3	X	28.03218	15.74574	133.84061	8.44760	0.1427113	0.18856849	3.0117804	21	2 23.6	19.7
271955 2005 AN_{37}	16.0	X	106.82799	108.24965	326.82025	9.39531	0.0534261	0.19037869	2.9926585	21	3 3.8	20.2
271956 2005 AC_{38}	15.8	X	179.44911	300.90540	89.40013	8.57223	0.0328582	0.19391422	2.9561714	21	4 7.1	20.2
271957 2005 AQ_{38}	16.3	X	36.57570	217.90701	244.30251	4.19749	0.2483763	0.18418734	3.0593526	21	1 8.8	19.0
271958 2005 AT_{47}	16.5	X	329.28007	191.96775	293.30479	0.16069	0.2275816	0.17542226	3.1604306	21	—	—
271959 2005 AW_{48}	16.4	X	88.74257	343.45491	114.76556	3.23907	0.0704346	0.19261279	2.9694724	21	3 14.8	20.4
271960 2005 AW_{49}	15.5	X	160.32991	37.16016	313.35903	7.43415	0.0781267	0.18591227	3.0403997	21	1 28.1	19.9
271961 2005 AS_{57}	15.9	X	320.50280	71.43552	74.42986	14.16659	0.2523525	0.17504073	3.1650213	21	—	—
271962 2005 AW_{57}	15.8	X	28.03754	78.96508	35.94230	10.41982	0.2481401	0.18381011	3.0635369	21	1 8.4	18.8
271963 2005 AR_{58}	15.4	X	12.72612	169.48519	297.39917	10.30166	0.0975568	0.18001768	3.1064136	21	—	—
271964 2005 AW_{60}	16.1	X	56.63566	20.81992	49.68137	1.49214	0.1950872	0.18330216	3.0691939	21	1 6.2	19.2
271965 2005 AV_{69}	16.0	X	147.47860	5.28053	318.56423	8.76557	0.0454602	0.17755668	3.1350517	21	—	—
271966 2005 AJ_{77}	16.0	X	325.49901	86.28959	75.37916	5.41796	0.2059138	0.17688471	3.1429866	21	—	—
271967 2005 AP_{77}	15.7	X	349.26633	177.93585	339.21990	6.73879	0.1010666	0.18101101	3.0950385	21	1 6.5	19.7
271968 2005 AX_{77}	15.3	X	127.99809	41.68440	338.86035	9.37409	0.0907840	0.18368079	3.0649746	21	1 31.8	19.7
271969 2005 AT_{78}	15.4	X	343.07651	181.02364	326.20341	14.14865	0.0232451	0.17899794	3.1182005	21	—	—
271970 2005 AB_{79}	15.7	X	224.57366	319.59553	335.09146	9.48269	0.0828502	0.18305723	3.0719310	21	1 29.8	20.4
271971 2005 AE_{81}	15.5	X	193.80651	276.18518	123.55466	18.48857	0.0947300	0.19953273	2.9004138	21	5 8.3	20.3
271972 2005 AU_{82}	15.5	X	34.39406	183.98534	281.32892	11.71010	0.1284527	0.18218518	3.0817259	21	1 7.9	19.0
271973 2005 BJ_{2}	15.1	X	321.91684	76.19812	78.57174	26.32637	0.1930230	0.17600057	3.1535036	21	—	—
271974 2005 BA_{9}	16.1	X	11.91183	114.80185	333.28860	11.94267	0.1725326	0.17770358	3.1333238	21	—	—
271975 2005 BC_{14}	15.9	X	339.60678	100.01144	20.76274	25.42997	0.2612690	0.17475769	3.1684377	21	—	—
271976 2005 BZ_{24}	16.4	X	41.33268	2.19669	116.22298	2.46550	0.2078384	0.18596606	3.0398134	21	2 9.7	19.4
271977 2005 BB_{29}	15.4	X	35.71220	321.22010	107.52359	8.94858	0.0865470	0.17670012	3.1451751	21	—	—
271978 2005 BN_{35}	16.5	X	46.04538	182.75708	284.32971	3.37757	0.1081286	0.18524434	3.0477038	21	1 27.5	20.1
271979 2005 BX_{36}	16.6	X	22.96215	19.13999	116.00898	3.10447	0.0419689	0.18514721	3.0487695	21	1 28.6	20.5
271980 2005 BP_{43}	15.8	X	249.33441	170.59269	129.50074	11.23138	0.0722586	0.18980157	2.9987218	21	3 2.8	20.3
271981 2005 CG_{6}	15.6	X	329.03700	165.15013	327.30714	4.01449	0.1388588	0.17254455	3.1954735	21	—	—
271982 2005 CV_{9}	16.4	X	336.40884	131.36654	70.57985	3.73471	0.0950995	0.18378418	3.0638251	21	2 13.4	20.5
271983 2005 CV_{12}	15.0	X	334.82164	255.66981	256.21400	14.92024	0.1869831	0.17869175	3.1217615	21	—	—
271984 2005 CN_{14}	15.1	X	219.37264	102.91293	132.33498	16.21613	0.0731579	0.17141536	3.2094914	21	—	—
271985 2005 CG_{15}	16.4	X	18.20029	339.36502	99.41857	2.24168	0.1518127	0.17615945	3.1516073	21	—	—
271986 2005 CH_{16}	16.1	X	20.29632	216.64519	289.10073	2.89082	0.1863174	0.18463480	3.0544077	21	2 2.7	19.4
271987 2005 CY_{16}	15.4	X	299.20642	287.48602	311.44245	11.10735	0.1374163	0.18388519	3.0627029	21	2 3.3	19.9
271988 2005 CD_{17}	15.6	X	258.66543	280.49534	314.79374	7.98203	0.0394795	0.17974271	3.1095809	21	—	—
271989 2005 CH_{22}	15.0	X	261.49252	241.46079	349.54269	19.05641	0.1104949	0.17426109	3.1744545	21	—	—
271990 2005 CX_{25}	15.5	X	350.34770	186.50148	333.42027	10.11369	0.0309872	0.18104760	3.0946215	21	1 19.6	19.8
271991 2005 CL_{26}	15.6	X	218.12785	237.26861	110.90848	12.82945	0.0289390	0.19243900	2.9712600	21	4 1.9	20.1
271992 2005 CV_{27}	15.5	X	339.88868	127.87999	341.71687	15.54297	0.2166018	0.17234011	3.1980001	21	—	—
271993 2005 CC_{31}	15.9	X	68.37262	308.25076	121.86045	6.45807	0.1308663	0.18129342	3.0918234	21	1 18.8	19.6
271994 2005 CV_{31}	15.6	X	355.51309	335.88902	125.85254	7.32744	0.1545446	0.17430716	3.1738951	21	—	—
271995 2005 CB_{34}	15.6	X	230.52195	280.19870	333.63590	10.53757	0.0525267	0.17649651	3.1475934	21	—	—
271996 2005 CW_{34}	15.5	X	236.40788	138.77199	127.35117	10.09990	0.0316497	0.18002640	3.1063132	21	1 9.5	20.0
271997 2005 CL_{38}	14.8	X	336.83280	186.69282	276.26650	28.27434	0.2529731	0.17320090	3.1873955	21	—	—
271998 2005 CT_{38}	15.8	X	340.28367	40.94973	155.53101	10.74271	0.0612862	0.18700460	3.0285484	21	2 13.2	19.9
271999 2005 CC_{43}	16.3	X	324.36270	5.08921	144.95592	11.83594	0.1860266	0.17525152	3.1624830	21	—	—
272000 2005 CX_{46}	16.4	X	330.18996	208.12227	8.23617	2.00742	0.0257512	0.18582270	3.0413766	21	3 1.9	20.5