Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184001 2004 EQ_{78}	16.9	X	165.71092	159.65392	34.36825	3.35680	0.1529960	0.25571714	2.4582695	21	10 16.9	20.7
184002 2004 EO_{80}	16.1	X	240.01892	94.42110	103.17795	11.99933	0.1187124	0.26818383	2.3814840	21	—	—
184003 2004 EH_{82}	16.6	X	242.68261	23.30153	60.98143	6.16704	0.1618727	0.25406972	2.4688845	21	8 16.1	20.1
184004 2004 EO_{84}	16.2	X	187.38625	254.97715	23.97922	6.88487	0.0975333	0.27362476	2.3498084	21	—	—
184005 2004 EH_{90}	16.8	X	156.39997	139.09828	34.40291	7.33072	0.0998051	0.25091581	2.4895300	21	9 14.1	20.5
184006 2004 EF_{91}	17.2	X	264.40264	318.34115	130.18940	2.16793	0.1429364	0.25875122	2.4390149	21	9 20.2	20.2
184007 2004 EX_{92}	16.3	X	124.82362	151.78966	109.05558	9.34192	0.1915812	0.25573428	2.4581596	21	12 2.8	20.4
184008 2004 EY_{92}	15.9	X	73.08411	158.78793	52.68058	15.68761	0.0306307	0.24258474	2.5462071	21	7 13.7	19.5
184009 2004 EJ_{95}	16.1	X	296.93163	66.03562	70.60199	7.29633	0.0688629	0.26877464	2.3779927	21	—	—
184010 2004 EE_{97}	16.1	X	103.53596	242.06934	37.82752	7.92925	0.1623136	0.25926736	2.4357768	21	12 3.8	19.9
184011 Andypuckett	16.4	X	158.76438	57.37219	185.18900	6.11158	0.0951541	0.26036372	2.4289341	21	12 12.1	20.0
184012 2004 FT_{12}	15.4	X	154.52397	109.75229	202.75771	13.03782	0.1881843	0.27018418	2.3697149	21	—	—
184013 2004 FY_{20}	16.2	X	181.90642	84.53000	209.31074	6.21012	0.1237068	0.27232254	2.3572935	21	—	—
184014 2004 FA_{24}	16.2	X	329.11884	136.17775	326.89293	3.57960	0.0230548	0.21146025	2.7902957	21	—	—
184015 2004 FH_{24}	16.6	X	157.50909	280.66253	343.89846	2.19602	0.1564401	0.26465825	2.4025868	21	—	—
184016 2004 FW_{27}	16.8	X	65.97448	239.71019	331.97797	1.85104	0.1420255	0.24187661	2.5511743	21	7 20.5	19.9
184017 2004 FP_{31}	15.5	X	149.92332	269.35237	55.85206	25.69419	0.2074425	0.27246123	2.3564935	21	—	—
184018 2004 FP_{33}	15.0	X	263.71542	20.83855	325.68660	14.26485	0.1997113	0.24082165	2.5586194	21	4 17.1	19.2
184019 2004 FM_{35}	15.8	X	318.08802	275.70132	178.89288	16.47717	0.1971752	0.21048587	2.7989002	21	12 15.9	18.9
184020 2004 FA_{36}	16.3	X	151.03011	320.27917	172.45280	6.96013	0.1287579	0.24481357	2.5307295	21	7 13.3	20.3
184021 2004 FY_{36}	16.6	X	166.24723	103.50559	74.86580	4.35950	0.1093078	0.25174610	2.4840531	21	9 30.0	20.3
184022 2004 FE_{39}	17.0	X	151.54781	94.56314	106.25439	2.10912	0.1306854	0.25450836	2.4660470	21	10 12.7	20.9
184023 2004 FY_{39}	16.6	X	130.44219	345.38192	106.58814	2.64494	0.0926707	0.23676432	2.5877672	21	4 26.4	20.1
184024 2004 FO_{42}	16.9	X	184.05624	39.35557	228.39920	1.35979	0.2243741	0.27044476	2.3681925	21	—	—
184025 2004 FG_{44}	16.9	X	55.09572	230.08433	314.10697	2.73933	0.1555216	0.23685194	2.5871290	21	5 24.8	19.8
184026 2004 FO_{45}	16.2	X	64.14899	167.79159	123.91117	5.58921	0.1259431	0.25223181	2.4808631	21	11 5.3	19.5
184027 2004 FG_{50}	16.6	X	94.40246	319.54041	224.01532	4.12586	0.1350269	0.24214327	2.5493010	21	7 17.8	20.1
184028 2004 FJ_{55}	16.3	X	145.21910	259.83136	36.14350	3.17717	0.0917609	0.26929670	2.3749184	21	—	—
184029 2004 FH_{62}	16.9	X	159.98112	140.05498	79.16191	3.31843	0.1490623	0.25726835	2.4483780	21	11 12.3	20.6
184030 2004 FT_{63}	16.2	X	1.21916	85.76525	175.13818	12.53588	0.1456693	0.23667272	2.5884349	21	6 4.8	19.1
184031 2004 FX_{64}	16.0	X	100.86393	314.40888	186.49602	11.68437	0.1125828	0.23618801	2.5919750	21	5 28.1	19.7
184032 2004 FA_{65}	15.6	X	269.60812	90.04453	195.53916	12.32455	0.1546042	0.22366276	2.6878617	21	2 16.9	19.8
184033 2004 FD_{65}	16.0	X	38.05992	351.53452	183.63077	9.63964	0.1291179	0.23041525	2.6350887	21	4 9.4	18.7
184034 2004 FM_{66}	17.0	X	141.72270	143.25236	57.79635	4.26112	0.1630814	0.25409089	2.4687474	21	10 4.9	20.8
184035 2004 FF_{67}	14.8	X	282.05177	161.79961	155.21376	12.48907	0.0560751	0.17890175	3.1193180	21	5 5.5	19.4
184036 2004 FL_{67}	16.5	X	46.31227	104.08477	146.00075	5.22183	0.2198963	0.24156849	2.5533432	21	8 27.2	19.2
184037 2004 FD_{75}	17.2	X	184.55399	234.76500	172.35519	32.14155	0.3070336	0.24227199	2.5483979	21	5 5.0	22.4
184038 2004 FW_{77}	16.7	X	313.03892	4.12961	112.29291	2.12453	0.1390353	0.27036565	2.3686545	21	—	—
184039 2004 FG_{82}	15.7	X	274.80976	280.08265	48.59141	9.32963	0.1779204	0.23802712	2.5786066	21	4 18.2	19.4
184040 2004 FJ_{82}	16.6	X	205.89327	35.84161	21.35408	14.96452	0.0494970	0.24334820	2.5408788	21	6 1.1	20.4
184041 2004 FQ_{84}	16.0	X	10.49502	144.84440	206.31960	6.01850	0.1517610	0.25547056	2.4598510	21	11 11.5	18.6
184042 2004 FF_{86}	16.5	X	195.30224	161.94613	94.97452	7.73514	0.0857016	0.27125346	2.3634832	21	—	—
184043 2004 FG_{86}	16.3	X	90.95278	63.98445	45.36423	7.09580	0.1022788	0.23435967	2.6054383	21	4 1.3	19.6
184044 2004 FM_{86}	16.5	X	150.00832	156.24956	109.11037	7.74109	0.1008516	0.26462535	2.4027859	21	12 31.6	20.1
184045 2004 FV_{87}	17.5	X	209.47358	94.79714	49.44677	3.11132	0.1415477	0.25661045	2.4525610	21	9 28.5	21.1
184046 2004 FH_{90}	16.7	X	88.72035	54.82818	93.99599	5.51758	0.1677853	0.23707283	2.5855218	21	5 30.3	20.0
184047 2004 FX_{92}	16.7	X	349.08921	141.09758	112.08119	6.04631	0.1150483	0.23458369	2.6037793	21	5 3.5	19.6
184048 2004 FU_{96}	15.2	X	154.96886	337.41227	46.17962	13.82084	0.1814668	0.22943340	2.6426012	21	3 13.0	19.6
184049 2004 FB_{99}	16.2	X	24.65598	230.51696	15.97871	5.13588	0.1107659	0.24352499	2.5396490	21	6 26.5	18.9
184050 2004 FL_{99}	16.2	X	211.15365	123.28279	92.95393	9.25829	0.1104101	0.20550298	2.8439631	21	12 23.7	20.2
184051 2004 FQ_{102}	16.6	X	321.27362	55.68079	54.99219	3.14324	0.1103974	0.27148244	2.3621541	21	—	—
184052 2004 FR_{102}	16.9	X	7.53221	15.53228	45.63887	4.01146	0.1307459	0.27052070	2.3677493	21	—	—
184053 2004 FN_{110}	16.2	X	164.89270	8.18367	85.36035	3.80342	0.1807577	0.24189885	2.5510179	21	6 9.4	20.3
184054 2004 FM_{113}	16.5	X	280.15440	127.99594	163.92657	13.82143	0.0918670	0.23010540	2.6374537	21	3 19.1	20.1
184055 2004 FD_{126}	16.2	X	210.48512	39.54804	15.57926	7.73032	0.0806840	0.24137925	2.5546776	21	6 4.6	20.1
184056 2004 FE_{128}	15.8	X	181.61670	15.42534	19.43618	11.01913	0.0581856	0.23242192	2.6198997	21	4 8.1	19.4
184057 2004 FY_{130}	16.3	X	98.96646	108.28755	85.08533	11.83577	0.0904105	0.24394408	2.5367395	21	8 3.2	19.9
184058 2004 FC_{139}	17.3	X	162.59020	300.16011	172.56602	3.57650	0.1640364	0.24619968	2.5212218	21	6 30.9	21.3
184059 2004 FG_{143}	16.5	X	74.76157	145.57551	182.78942	4.77812	0.2011616	0.26330079	2.4108375	21	—	—
184060 2004 FR_{146}	16.1	X	50.22512	31.43543	174.61902	17.28239	0.1289998	0.23622401	2.5917117	21	6 15.3	19.5
184061 2004 FM_{148}	16.6	X	237.34327	69.70892	48.33498	19.97305	0.3341229	0.25937624	2.4350950	21	9 14.2	21.0
184062 2004 FZ_{151}	17.7	X	251.82276	21.84890	103.17804	1.21496	0.1459588	0.26353205	2.4094269	21	10 23.0	20.5
184063 2004 FS_{162}	16.0	X	234.94088	299.73875	29.08343	10.93754	0.0876838	0.22892284	2.6465289	21	3 18.1	20.0
184064 Miner	16.4	X	220.80540	5.92908	31.97288	1.88330	0.1765617	0.23843129	2.5756917	21	5 20.3	20.5
184065 2004 GW_{4}	16.4	X	302.85928	190.43082	73.82000	4.22944	0.2183306	0.22540383	2.6740028	21	2 23.1	20.2
184066 2004 GQ_{7}	16.3	X	88.87402	283.48224	28.63287	4.51941	0.0535231	0.25985634	2.4320948	21	12 21.1	19.7
184067 2004 GT_{7}	17.0	X	85.92651	139.42954	49.04455	1.46680	0.1242761	0.24077622	2.5589413	21	7 13.2	20.4
184068 2004 GX_{7}	16.9	X	44.81272	37.37337	238.31362	2.44846	0.1553209	0.24468311	2.5316290	21	9 18.1	19.9
184069 2004 GH_{9}	16.0	X	133.19968	228.94994	207.40934	12.45632	0.1298656	0.23196398	2.6233466	21	4 12.6	19.8
184070 2004 GW_{12}	15.8	X	331.35736	112.97890	198.77936	22.98009	0.2850632	0.23405860	2.6076721	21	5 30.4	18.7
184071 2004 GD_{17}	16.4	X	145.26458	19.72428	118.03664	13.73992	0.2061700	0.24330530	2.5411775	21	7 19.2	20.5
184072 2004 GM_{17}	16.4	X	355.14430	156.77519	111.08749	3.66049	0.0707416	0.23670182	2.5882228	21	6 5.2	19.2
184073 2004 GU_{18}	15.5	X	347.01615	168.98944	111.54221	18.99472	0.1644041	0.23297828	2.6157271	21	6 6.8	18.3
184074 2004 GS_{20}	16.1	X	125.11012	358.01538	148.99095	12.39319	0.2320922	0.24119948	2.5559468	21	7 13.9	20.4
184075 2004 GU_{20}	15.4	X	271.84824	178.24601	97.24089	18.57522	0.1783542	0.22062289	2.7124953	21	2 11.6	19.8
184076 2004 GY_{23}	16.2	X	237.97006	90.76336	144.26482	8.87754	0.2371139	0.21193354	2.7861399	21	—	—
184077 2004 GC_{24}	16.4	X	56.04040	90.27903	129.86448	4.93688	0.1570867	0.23894970	2.5719650	21	7 19.1	19.3
184078 2004 GY_{25}	16.1	X	49.81610	3.54493	184.76488	12.39764	0.0318824	0.23421858	2.6064846	21	5 9.6	19.5
184079 2004 GC_{27}	15.9	X	28.53169	99.37393	151.74646	13.64481	0.2369670	0.23527102	2.5987057	21	7 26.4	18.3
184080 2004 GC_{30}	16.6	X	358.92919	60.18640	200.02955	6.12313	0.1416054	0.23570388	2.5955231	21	5 29.1	19.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184081 2004 GR_{33}	15.8	X	10.27632	303.04559	16.22869	14.10732	0.3401082	0.24225371	2.5485261	21	10 20.3	17.8
184082 2004 GY_{34}	16.4	X	94.76524	297.16361	229.84994	15.47708	0.0988785	0.23972211	2.5664373	21	6 19.8	20.0
184083 2004 GR_{36}	16.4	X	110.99944	144.78275	39.98009	12.82090	0.1882014	0.24282391	2.5445349	21	8 21.3	20.5
184084 2004 GY_{38}	16.6	X	65.26622	214.42313	24.25359	8.27123	0.1393265	0.24294510	2.5436886	21	8 29.8	19.9
184085 2004 GS_{39}	15.1	X	295.58254	306.68677	22.07100	31.58219	0.2381176	0.23283143	2.6168268	21	4 24.8	19.0
184086 2004 GG_{40}	15.8	X	351.10764	99.86328	118.93327	8.93496	0.1865011	0.22692895	2.6620086	21	3 12.2	18.6
184087 2004 GP_{41}	16.2	X	46.83703	232.39034	320.69496	6.32667	0.1457128	0.23433800	2.6055989	21	5 20.5	19.1
184088 2004 GD_{53}	17.6	X	36.95443	85.62529	187.55663	5.44317	0.1511050	0.24322558	2.5417328	21	8 31.9	20.5
184089 2004 GZ_{58}	16.5	X	68.55329	143.13775	73.65689	3.58430	0.0410008	0.24070482	2.5594473	21	7 15.2	19.6
184090 2004 GE_{70}	16.3	X	94.37916	46.01459	75.43712	4.41800	0.1176035	0.23190684	2.6237775	21	4 24.0	19.7
184091 2004 GL_{72}	16.3	X	103.64553	86.08908	48.18227	10.83915	0.0491608	0.23510858	2.5999025	21	5 11.3	19.7
184092 2004 GZ_{72}	16.1	X	33.09650	92.89923	97.55757	5.15666	0.1220555	0.23119594	2.6291533	21	4 23.4	18.9
184093 2004 GG_{77}	14.7	X	259.04999	69.63224	257.10564	23.55294	0.0629437	0.17687843	3.1430609	21	4 8.4	19.7
184094 2004 GF_{81}	16.6	X	353.00969	78.66870	190.98643	5.91477	0.1191278	0.23931579	2.5693414	21	6 1.8	19.3
184095 2004 HH_{3}	15.8	X	30.77254	332.01450	234.18225	12.58353	0.1286806	0.23327435	2.6135134	21	5 9.6	18.4
184096 Kazlauskas	16.1	X	114.89607	69.25537	42.75032	10.38448	0.0697051	0.23287729	2.6164833	21	4 29.9	19.5
184097 2004 HQ_{4}	16.0	X	192.47239	47.04457	42.25184	13.66264	0.1364814	0.24286651	2.5442374	21	6 29.6	20.2
184098 2004 HG_{8}	16.4	X	232.52297	343.87597	295.40668	2.39966	0.1644508	0.21703878	2.7422760	21	1 10.1	20.8
184099 2004 HM_{10}	16.0	X	110.22091	332.12274	207.62751	12.14546	0.2175922	0.24104178	2.5570615	21	8 6.4	20.2
184100 2004 HQ_{10}	15.9	X	327.86487	44.60991	191.49017	10.06620	0.1109415	0.22534171	2.6744942	21	3 3.5	19.4
184101 2004 HE_{11}	16.5	X	357.40494	153.52888	92.80271	5.92310	0.1052721	0.23369845	2.6103505	21	5 8.6	19.3
184102 2004 HC_{12}	15.8	X	52.43815	90.24451	107.39646	14.85800	0.2003980	0.23493567	2.6011780	21	6 18.4	18.6
184103 2004 HT_{17}	15.8	X	287.14564	16.79717	228.64015	12.70158	0.2209343	0.22056328	2.7129841	21	1 11.0	20.3
184104 2004 HQ_{23}	16.2	X	202.60515	44.15795	22.86647	6.98379	0.1598839	0.24059728	2.5602099	21	6 9.3	20.4
184105 2004 HP_{24}	15.8	X	26.13704	182.17693	65.54884	13.55487	0.1338478	0.23542930	2.5975408	21	7 3.1	18.7
184106 2004 HZ_{27}	16.0	X	9.88104	112.38523	176.53704	5.13473	0.2166575	0.23821280	2.5772664	21	8 9.4	18.1
184107 2004 HB_{28}	16.5	X	2.29298	114.58538	149.76816	3.58660	0.1487320	0.23494656	2.6010976	21	6 11.1	19.0
184108 2004 HG_{30}	16.4	X	319.07894	72.19208	203.89206	1.41192	0.1696242	0.22998742	2.6383556	21	4 5.4	19.7
184109 2004 HZ_{30}	16.3	X	62.54457	198.24708	352.34042	7.15319	0.1264936	0.23573152	2.5953202	21	6 11.1	19.5
184110 2004 HX_{36}	15.6	X	316.00877	18.68941	230.32009	10.75971	0.2155482	0.22497148	2.6774276	21	2 13.5	19.5
184111 2004 HC_{38}	16.1	X	3.14837	123.10924	34.60541	16.18540	0.0715167	0.22166185	2.7040128	21	1 24.1	19.8
184112 2004 HB_{43}	16.3	X	359.65936	0.07855	271.78620	1.20693	0.1450537	0.23526271	2.5987669	21	6 16.9	18.6
184113 2004 HZ_{43}	15.9	X	341.49870	126.04777	12.90710	9.24742	0.1360423	0.21664862	2.7455673	21	—	—
184114 2004 HM_{47}	16.5	X	16.21012	192.13443	55.81133	6.30260	0.0758515	0.23527374	2.5986856	21	6 10.9	19.5
184115 2004 HJ_{49}	16.1	X	84.16620	153.30710	65.68889	9.16309	0.1322493	0.24087618	2.5582333	21	8 27.5	19.7
184116 2004 HY_{54}	15.9	X	96.48243	353.50197	220.62263	5.58730	0.1176110	0.24281164	2.5446207	21	8 26.9	19.5
184117 2004 HQ_{56}	16.0	X	286.47770	169.93418	134.11223	14.99565	0.1707156	0.22739651	2.6583583	21	4 5.3	20.0
184118 2004 HG_{58}	16.3	X	117.93349	330.45352	106.08288	0.62005	0.1445078	0.22667990	2.6639580	21	3 29.3	19.9
184119 2004 HG_{59}	15.9	X	317.57153	8.17113	237.92686	10.79115	0.1340084	0.22504722	2.6768269	21	2 23.5	19.7
184120 2004 HU_{59}	16.2	X	19.65458	86.95949	45.92120	17.73773	0.1644630	0.22259645	2.6964387	21	1 4.8	19.4
184121 2004 HF_{60}	16.3	X	51.53601	274.96193	330.68751	6.65072	0.1604641	0.24086454	2.5583157	21	8 18.9	19.2
184122 2004 HG_{62}	15.4	X	51.84153	355.45201	243.85002	12.39896	0.2210569	0.23806868	2.5783065	21	8 13.9	18.8
184123 2004 HQ_{66}	16.3	X	204.17508	92.79455	221.78632	2.53107	0.1886397	0.21716606	2.7412044	21	1 26.7	20.8
184124 2004 HW_{71}	16.8	X	15.03305	266.67187	56.65024	5.24472	0.2115533	0.24390211	2.5370304	21	10 17.9	19.2
184125 2004 HG_{72}	16.8	X	332.90046	244.95878	25.32658	4.85424	0.1464961	0.23127376	2.6285635	21	4 22.9	19.8
184126 2004 JD_{1}	15.6	X	282.05383	153.40979	158.66903	9.14228	0.1285249	0.22699861	2.6614640	21	4 13.2	19.4
184127 2004 JJ_{1}	15.8	X	112.76719	316.54325	54.64635	10.34581	0.1678993	0.21027527	2.8007687	21	1 6.4	19.7
184128 2004 JB_{11}	15.9	X	19.99893	136.38910	132.64516	8.85849	0.1434506	0.23664232	2.5886566	21	7 24.5	18.6
184129 2004 JL_{11}	16.4	X	14.40194	74.49045	175.27172	8.58230	0.1453820	0.23484068	2.6018794	21	6 14.2	19.2
184130 2004 JT_{12}	15.7	X	38.09570	164.96892	13.39475	14.58817	0.1114624	0.22934934	2.6432468	21	4 10.3	18.6
184131 2004 JH_{14}	16.5	X	51.55106	102.95601	129.75577	5.16682	0.1758900	0.23780610	2.5802041	21	8 2.4	19.5
184132 2004 JN_{14}	15.5	X	133.86719	256.08961	222.82327	21.36592	0.0574611	0.23341686	2.6124495	21	5 31.1	19.3
184133 2004 JX_{14}	16.0	X	296.77305	140.23343	79.60862	13.71976	0.1395691	0.21760200	2.7375421	21	1 2.2	20.0
184134 2004 JQ_{15}	15.9	X	51.19333	183.47518	66.93592	5.25376	0.1537922	0.23925740	2.5697594	21	8 26.5	19.0
184135 2004 JA_{17}	15.7	X	323.51127	318.45909	2.02807	5.43401	0.3055190	0.23349476	2.6118684	21	5 20.9	18.4
184136 2004 JB_{18}	16.0	X	35.65552	310.25820	250.14222	7.48008	0.0618445	0.23258625	2.6186655	21	5 4.1	19.2
184137 2004 JU_{18}	16.1	X	247.52293	216.32837	36.84485	5.03470	0.0808143	0.21501950	2.7594179	21	—	—
184138 2004 JM_{19}	16.5	X	228.16171	308.73622	348.63253	0.93512	0.2102751	0.21563055	2.7542024	21	1 26.8	21.0
184139 2004 JC_{20}	16.4	X	53.74995	138.59104	129.18231	6.91909	0.2015395	0.24239505	2.5475354	21	10 1.8	19.7
184140 2004 JW_{22}	16.2	X	292.85171	55.50351	207.12373	4.31271	0.1270985	0.22358905	2.6884525	21	2 18.4	20.0
184141 2004 JG_{23}	16.4	X	9.33901	321.86379	257.55486	1.46590	0.1386856	0.23008469	2.6376119	21	4 17.4	18.9
184142 2004 JN_{26}	15.2	X	121.39702	38.58744	55.32512	22.80391	0.0647002	0.22816373	2.6523956	21	4 21.7	19.1
184143 2004 JQ_{27}	16.2	X	68.87193	349.58744	244.23016	2.82306	0.2191386	0.23982790	2.5656825	21	9 3.6	19.6
184144 2004 JY_{30}	16.1	X	130.84717	70.06728	98.32389	4.64871	0.1879357	0.24191400	2.5509114	21	8 14.3	20.1
184145 2004 JC_{32}	16.4	X	28.26822	131.87909	88.26878	8.24025	0.1531346	0.23381730	2.6094659	21	5 29.1	18.9
184146 2004 JB_{36}	16.0	X	353.95358	352.63730	216.79591	13.64204	0.0703415	0.22686615	2.6624998	21	3 9.4	19.5
184147 2004 JW_{36}	16.2	X	92.57505	32.30030	59.19152	9.61329	0.0766682	0.22335527	2.6903281	21	3 11.5	19.8
184148 2004 JT_{51}	16.2	X	350.84411	247.55950	99.08345	14.70156	0.0751176	0.24602772	2.5223965	21	9 30.4	19.4
184149 2004 JD_{52}	16.1	X	47.44634	85.35885	91.20398	10.95690	0.1739325	0.23184949	2.6242102	21	5 7.4	18.9
184150 2004 JY_{53}	15.9	X	296.56976	164.76126	113.26886	6.98114	0.0120961	0.22657360	2.6647912	21	4 5.3	19.6
184151 2004 KY	16.4	X	79.74900	192.66485	34.21631	5.27311	0.1392112	0.24133942	2.5549586	21	8 31.5	19.9
184152 2004 KQ_{1}	15.5	X	252.92028	15.27384	26.50002	10.45723	0.0440605	0.18274386	3.0754419	21	7 16.3	20.0
184153 2004 KJ_{5}	16.7	X	70.49831	105.49195	105.24924	1.93761	0.0679427	0.23881782	2.5729118	21	7 13.3	20.0
184154 2004 KF_{6}	16.2	X	318.70236	98.61700	198.44666	3.09133	0.1436197	0.23092564	2.6312045	21	5 8.9	19.2
184155 2004 KW_{7}	16.5	X	348.29807	28.64799	210.65159	2.50108	0.1714765	0.22821556	2.6519941	21	4 3.0	19.3
184156 2004 KY_{14}	15.3	X	243.48382	116.26010	194.53593	13.70178	0.2951015	0.21209233	2.7847491	21	2 16.6	20.4
184157 2004 KF_{16}	17.1	X	282.00104	97.38840	169.28963	9.17930	0.1618696	0.21972736	2.7198605	21	2 8.0	21.2
184158 2004 KX_{16}	15.7	X	281.61977	108.56585	105.48150	14.69096	0.0441242	0.21354754	2.7720837	21	—	—
184159 2004 LW	16.3	X	264.88312	143.10301	183.36463	13.30997	0.2698774	0.22400760	2.6851025	21	3 26.7	20.8
184160 2004 LW_{1}	15.7	X	350.51097	120.70786	200.69909	12.85595	0.2069825	0.23708533	2.5854309	21	8 9.4	18.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184161 2004 LM_2	15.8	X	75.53783	86.93560	138.58305	10.85573	0.1474627	0.23987861	2.5653209	21	8 23.5	19.2
184162 2004 LB_3	15.9	X	85.41543	68.05589	119.35124	12.74939	0.2426362	0.23763592	2.5814358	21	7 28.4	19.4
184163 2004 LX_4	15.9	X	268.00451	151.87709	192.65281	14.58304	0.0923301	0.22941578	2.6427365	21	5 12.7	19.7
184164 2004 LX_6	16.3	X	346.22239	317.73763	323.65874	1.61488	0.1742543	0.23187930	2.6239853	21	5 31.8	18.8
184165 2004 LC_9	15.9	X	327.95897	113.66540	177.22658	13.41680	0.1200834	0.23131426	2.6282567	21	5 21.1	19.2
184166 2004 LK_9	15.6	X	264.86429	9.06705	254.05317	11.78670	0.1123784	0.21717618	2.7411192	21	1 20.8	19.9
184167 2004 LS_{16}	14.6	X	8.66359	59.87117	265.92074	7.34543	0.2319576	0.17416833	3.1755814	21	9 21.7	18.1
184168 2004 LD_{28}	15.3	X	230.51101	102.15876	211.91087	12.40946	0.2565971	0.21037702	2.7998656	21	2 12.0	20.5
184169 2004 LC_{31}	14.7	X	349.35296	210.04054	99.98011	15.35154	0.1504446	0.17276821	3.1927150	21	7 23.1	18.4
184170 2004 MX_1	15.9	X	261.68752	181.59380	78.18399	7.27333	0.2026692	0.21305177	2.7763824	21	1 11.3	20.5
184171 2004 MH_4	16.8	X	3.34630	106.78185	151.09051	5.35161	0.2344572	0.23194178	2.6235140	21	6 2.2	18.8
184172 2004 NM_{19}	15.6	X	224.69105	162.49455	144.06855	9.96662	0.1831516	0.21139965	2.7908289	21	2 4.1	20.4
184173 2004 NC_{24}	15.9	X	224.30424	159.07986	163.72111	6.22485	0.0808049	0.21367774	2.7709575	21	2 25.4	19.9
184174 2004 NS_{25}	16.0	X	38.76150	170.20969	152.28646	5.72261	0.1711460	0.18362288	3.0656190	21	11 7.2	20.0
184175 2004 NT_{28}	15.4	X	21.84282	146.74507	237.87142	4.78465	0.1820253	0.18747679	3.0234610	21	12 30.8	19.3
184176 2004 NK_{30}	15.6	X	336.61316	191.03059	70.55834	15.08384	0.2144725	0.22422187	2.6833917	21	4 16.0	18.7
184177 2004 NA_{31}	15.7	X	184.63143	210.16437	73.83798	3.00601	0.1703391	0.20148314	2.8816655	21	—	—
184178 2004 NV_{31}	15.5	X	141.32283	310.29412	301.23404	9.03164	0.0770938	0.19150563	2.9809064	21	11 22.4	20.1
184179 2004 NC_{33}	15.0	X	268.12185	302.70933	137.42166	16.79392	0.0653534	0.17940666	3.1134628	21	9 21.1	19.5
184180 2004 NN_{33}	15.0	X	53.41371	222.79412	75.87741	17.58571	0.1053002	0.17952058	3.1121455	21	10 24.0	19.5
184181 2004 OO	16.0	X	23.88523	350.69474	345.30862	1.68549	0.1911081	0.18179951	3.0860829	21	11 2.3	19.6
184182 2004 OC_4	15.2	X	354.77469	125.76840	187.61419	4.96080	0.1760908	0.17305980	3.1891278	21	8 4.9	18.6
184183 2004 ON_4	15.6	X	227.52133	340.92541	302.58255	3.92806	0.0638425	0.20886924	2.8133238	21	1 14.1	19.8
184184 2004 OX_{11}	15.0	X	49.01288	290.29108	344.22054	15.51751	0.2462767	0.17767846	3.1336190	21	9 26.3	19.2
184185 2004 PX	15.1	X	319.17238	239.51112	164.83288	9.93561	0.0871808	0.17948922	3.1125079	21	10 12.2	19.1
184186 2004 PZ_1	15.3	X	101.55801	312.81760	346.00027	8.99427	0.0922698	0.18900110	3.0071828	21	12 8.6	20.0
184187 2004 PX_3	15.4	X	100.05043	251.31489	115.82357	6.98038	0.1038546	0.19819420	2.9134580	21	—	—
184188 2004 PX_{17}	15.9	X	155.57613	223.56856	62.24957	4.05578	0.0934185	0.19533449	2.9418245	21	—	—
184189 2004 PO_{19}	15.2	X	17.98511	205.91727	133.07130	5.97194	0.1358520	0.17810416	3.1286238	21	10 23.1	19.1
184190 2004 PY_{19}	15.1	X	84.89717	176.26844	113.13511	13.25901	0.0441527	0.18083041	3.0970989	21	11 8.8	19.7
184191 2004 PD_{25}	15.7	X	61.43608	269.47225	64.87247	2.05271	0.0896318	0.18646567	3.0343812	21	12 7.1	19.9
184192 2004 PC_{30}	15.4	X	70.02083	325.60141	320.74269	7.81611	0.1071075	0.18073431	3.0981967	21	10 17.9	19.9
184193 2004 PO_{30}	14.7	X	256.73269	14.63717	300.07767	9.68702	0.0902653	0.15885998	3.3764452	21	3 22.9	19.9
184194 2004 PS_{32}	15.5	X	62.33821	294.53827	63.23471	5.06635	0.0643099	0.19019174	2.9946193	21	—	—
184195 2004 PU_{33}	16.0	X	53.48070	146.20453	216.51240	1.27641	0.1740610	0.18694710	3.0291694	21	—	—
184196 2004 PF_{36}	15.2	X	56.42007	121.53174	156.87796	16.62214	0.2107991	0.17849618	3.1240413	21	10 13.7	19.7
184197 2004 PA_{49}	15.5	X	21.95616	183.75123	149.46660	11.91353	0.0735404	0.18101803	3.0949585	21	10 16.3	19.7
184198 2004 PF_{55}	15.9	X	84.20870	248.31932	99.48620	5.20540	0.0691458	0.19147846	2.9811885	21	—	—
184199 2004 PH_{63}	15.2	X	333.13362	279.68090	79.96153	5.33912	0.1442674	0.17465706	3.1696546	21	9 2.0	19.0
184200 2004 PZ_{65}	16.2	X	42.49892	169.43858	155.83461	5.91340	0.1599439	0.18218192	3.0817628	21	11 13.6	20.3
184201 2004 PE_{71}	16.1	X	50.35806	89.88031	142.92436	12.22562	0.2687780	0.23421493	2.6065116	21	8 16.7	18.9
184202 2004 PL_{74}	15.5	X	41.98317	145.03766	146.22685	4.05074	0.1146035	0.17761051	3.1344182	21	9 23.3	19.5
184203 2004 PG_{75}	16.0	X	57.34334	201.91955	127.97281	2.31062	0.2027961	0.18412735	3.0600171	21	12 11.9	20.5
184204 2004 PS_{75}	14.7	X	8.39933	323.76924	320.15816	20.16009	0.0958888	0.16925483	3.2367464	21	7 23.9	18.9
184205 2004 PJ_{81}	15.8	X	255.47923	153.25540	133.28635	8.75026	0.1949663	0.21155513	2.7894613	21	2 6.5	20.2
184206 2004 PS_{83}	14.9	X	92.52461	192.14439	152.10712	11.67583	0.1015708	0.18938151	3.0031544	21	—	—
184207 2004 PQ_{88}	15.7	X	68.12301	83.68286	226.38740	8.13844	0.1476560	0.18382770	3.0633415	21	11 23.3	20.0
184208 2004 PR_{94}	15.0	X	41.12953	177.11380	109.73269	6.72189	0.1703550	0.17521518	3.1629202	21	9 26.4	19.1
184209 2004 PA_{99}	14.9	X	21.52227	339.73030	32.63011	12.53629	0.0231245	0.18498167	3.0505882	21	11 22.3	19.1
184210 2004 PB_{107}	14.8	X	75.03073	261.25555	4.62103	15.69361	0.2122587	0.18016841	3.1046807	21	10 13.1	19.4
184211 2004 PN_{111}	15.0	X	181.78836	276.03292	46.33453	13.97771	0.2966655	0.20406862	2.8572741	21	1 28.3	20.4
184212 2004 PB_{112}	7.3	X	3.06752	3.65861	356.73078	15.40332	0.6787339	0.00085454	109.9800393	21	10 12.3	22.9
184213 2004 PJ_{115}	15.0	X	36.24301	7.65363	39.25796	9.98092	0.0690761	0.19235359	2.9721395	21	—	—
184214 2004 QU_3	15.3	X	105.48568	45.50049	191.29389	9.39176	0.0640402	0.17833704	3.1258995	21	9 25.8	19.8
184215 2004 QJ_{27}	14.9	X	75.94720	241.24903	9.82965	15.67437	0.1856734	0.17788054	3.1312453	21	9 26.9	19.4
184216 2004 QV_{27}	16.3	X	174.53693	251.69528	212.11088	7.97256	0.1400649	0.22303146	2.6929315	21	6 29.9	20.7
184217 2004 RM_{23}	15.0	X	42.91975	283.96380	354.80071	11.51164	0.1328758	0.17396285	3.1780816	21	9 10.7	19.1
184218 2004 RF_{40}	14.9	X	326.89672	329.65193	65.96218	14.41191	0.0529871	0.17679510	3.1440485	21	10 17.9	19.2
184219 2004 RU_{45}	15.1	X	146.67142	22.92107	160.13239	18.62067	0.0573925	0.17293215	3.1906969	21	9 5.8	19.7
184220 2004 RQ_{58}	15.7	X	51.75139	205.99925	96.32630	3.61731	0.2411750	0.17871766	3.1214598	21	11 7.8	20.0
184221 2004 RS_{67}	15.2	X	62.03157	105.57310	180.85139	9.82909	0.2146942	0.17783037	3.1318342	21	10 28.5	19.7
184222 2004 RA_{68}	15.3	X	22.06773	318.68653	11.82869	4.19382	0.1425640	0.17560011	3.1582963	21	10 15.8	19.1
184223 2004 RD_{69}	15.7	X	112.67456	256.93809	65.37182	2.13067	0.2629192	0.19024638	2.9940459	21	—	—
184224 2004 RB_{74}	15.7	X	60.28707	353.02301	293.89169	1.81009	0.2106994	0.17820216	3.1274767	21	10 23.9	20.0
184225 2004 RB_{81}	14.0	X	359.09560	84.14094	342.81395	8.39980	0.1740233	0.12696440	3.9205597	21	12 30.4	18.8
184226 2004 RR_{89}	14.9	X	7.71578	148.62808	172.49095	19.17960	0.2478482	0.17546714	3.1598915	21	9 19.9	18.0
184227 2004 RW_{89}	14.8	X	16.90789	106.34834	184.70871	16.00674	0.0686470	0.17269397	3.1936300	21	8 7.0	19.2
184228 2004 RE_{90}	15.1	X	351.33078	161.53652	220.54755	8.90771	0.1016279	0.18067779	3.0988427	21	10 31.1	19.0
184229 2004 RO_{103}	14.9	X	46.21727	292.23887	49.68615	11.14788	0.1467934	0.17922170	3.1156044	21	12 3.3	19.1
184230 2004 RD_{136}	14.8	X	56.38773	62.26122	230.73061	15.44101	0.1335227	0.17761098	3.1344126	21	10 13.9	19.2
184231 2004 RQ_{147}	15.9	X	134.45180	249.91919	43.01019	1.92665	0.1396238	0.18949112	3.0019962	21	—	—
184232 2004 RS_{147}	15.4	X	21.23799	289.88570	36.27254	2.81696	0.1026886	0.17508416	3.1644979	21	10 5.3	19.3
184233 2004 RA_{151}	14.9	X	15.91442	264.31372	72.58343	5.24185	0.1745914	0.17397930	3.1778813	21	10 20.2	18.6
184234 2004 RK_{152}	15.9	X	100.73063	75.87773	232.14697	4.57056	0.1470954	0.18866250	3.0107798	21	12 23.8	20.6
184235 2004 RR_{186}	15.4	X	44.38446	253.88704	23.39931	5.21603	0.1487063	0.17341665	3.1847513	21	9 13.8	19.4
184236 2004 RQ_{197}	15.4	X	47.83280	354.59191	319.37672	4.57339	0.1702204	0.17764565	3.1340049	21	11 3.8	19.6
184237 2004 RM_{206}	14.8	X	55.24251	56.75963	229.70614	14.44452	0.0546869	0.17760757	3.1344528	21	9 20.8	19.4
184238 2004 RF_{208}	14.5	X	19.65397	49.65743	253.04099	15.75809	0.1605966	0.17287752	3.1913690	21	8 29.8	18.7
184239 2004 RE_{227}	15.2	X	55.25524	41.63823	256.51635	3.85146	0.1602958	0.17491513	3.1665362	21	10 23.7	19.5
184240 2004 RM_{232}	15.1	X	60.10285	264.71504	25.88737	1.81147	0.1357870	0.17425161	3.1745695	21	10 18.1	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184241 2004 RD_{235}	14.1	X	351.41074	218.64717	217.58368	8.77251	0.1343986	0.12625877	3.9351535	21	12 25.1	19.0
184242 2004 RL_{244}	15.8	X	74.41059	67.69423	157.96122	5.15703	0.0884331	0.16806048	3.2520633	21	8 7.9	20.3
184243 2004 RQ_{253}	15.1	X	27.30589	243.03637	75.13661	5.99871	0.1795705	0.17674792	3.1446079	21	10 16.5	18.9
184244 2004 RW_{290}	15.4	X	150.15357	211.11544	74.68565	5.43235	0.1222822	0.19113024	2.9848083	21	—	—
184245 2004 RY_{315}	14.6	X	30.53775	207.43077	96.90741	20.59970	0.1547555	0.17440470	3.1727115	21	10 8.8	19.0
184246 2004 RY_{332}	15.3	X	17.47030	225.90291	66.34337	6.99437	0.1540829	0.17127404	3.2112567	21	8 23.1	19.2
184247 2004 RZ_{332}	15.0	X	14.80616	274.19399	87.86006	6.64859	0.1613034	0.17903507	3.1177693	21	11 18.5	18.8
184248 2004 SX_{11}	15.3	X	111.29706	185.91835	98.06972	16.04664	0.2130328	0.18589597	3.0405774	21	12 10.8	20.5
184249 2004 SE_{29}	15.4	X	95.50178	87.82335	186.71741	15.60431	0.2340095	0.18152513	3.0891918	21	11 18.8	20.6
184250 2004 SD_{33}	15.6	X	86.83922	186.16737	150.48008	5.20185	0.2155969	0.18550861	3.0448086	21	—	—
184251 2004 SD_{47}	14.8	X	264.94565	335.93995	329.95458	6.25181	0.0813118	0.15174806	3.4811330	21	3 26.1	20.0
184252 2004 TV_{5}	16.2	X	85.77234	138.13185	169.41821	0.70325	0.1629398	0.18104858	3.0946103	21	12 9.6	21.0
184253 2004 TP_{7}	14.8	X	56.55953	164.09051	157.49827	18.29970	0.2040108	0.17970120	3.1100597	21	12 3.6	19.6
184254 2004 TC_{16}	14.9	X	95.56781	191.74826	93.88082	21.94727	0.2347256	0.18131454	3.0915834	21	12 2.9	20.1
184255 2004 TQ_{65}	15.5	X	89.91896	179.90223	116.64242	3.12979	0.1446240	0.18116718	3.0932596	21	11 29.5	20.3
184256 2004 TG_{66}	14.3	X	357.34110	29.39569	53.52819	12.00944	0.2283860	0.12349170	3.9937194	21	—	—
184257 2004 TF_{96}	15.0	X	67.13686	180.00308	190.38674	2.15523	0.0297132	0.12639705	3.9322829	21	—	—
184258 2004 TC_{106}	15.4	X	112.40824	114.61612	181.98832	9.19353	0.2563848	0.18725679	3.0258287	21	12 26.5	20.8
184259 2004 TY_{116}	15.3	X	216.59498	132.80127	195.92250	10.91766	0.2474335	0.21229477	2.7829785	21	2 20.1	20.4
184260 2004 TJ_{124}	15.3	X	86.98289	128.08810	158.24225	5.03770	0.1419674	0.18020502	3.1042603	21	11 15.1	20.0
184261 2004 TW_{124}	15.4	X	132.75704	73.29775	203.96176	4.65992	0.0991217	0.18503904	3.0499576	21	12 15.4	20.1
184262 2004 TH_{147}	14.9	X	308.70699	142.74831	337.02837	4.82314	0.0379881	0.12457653	3.9705003	21	12 18.9	20.4
184263 2004 TP_{179}	16.4	X	114.02202	80.39313	181.82706	6.92243	0.2674739	0.24200087	2.5503009	21	11 26.7	20.9
184264 2004 TZ_{287}	15.5	X	96.62429	330.23549	332.60007	0.68783	0.2392344	0.18189794	3.0849694	21	12 20.2	20.7
184265 2004 UL_{8}	17.0	X	4.46631	6.61078	328.34079	2.74538	0.1389520	0.28706680	2.2758698	21	10 9.5	19.0
184266 2004 VW_{14}	19.4	X	117.80631	42.36205	101.15085	3.84941	0.6003038	0.31942573	2.1194481	21	7 29.3	23.8
184267 2004 XD	16.8	X	89.01545	70.02138	35.70342	22.49109	0.0631672	0.37640686	1.8997554	21	3 5.4	19.0
184268 2004 XU_{5}	16.6	X	191.62160	255.78298	116.86659	23.46871	0.0977190	0.37788133	1.8948104	21	3 12.2	19.3
184269 2004 XO_{11}	16.8	X	114.15400	0.66634	153.50525	2.44932	0.1169286	0.26453660	2.4033234	21	6 30.5	20.0
184270 2004 XU_{41}	17.2	X	263.64714	290.38845	190.97874	3.39771	0.0266016	0.34316265	2.0205489	21	12 9.3	19.1
184271 2004 XL_{90}	16.7	X	357.84298	4.13438	287.15123	4.08883	0.1256750	0.27316779	2.3524283	21	7 14.2	18.8
184272 2004 XR_{114}	17.1	X	149.90484	297.48949	358.11078	2.49108	0.1578305	0.30081035	2.2060103	21	—	—
184273 2004 XR_{137}	16.4	X	162.52880	144.17966	89.85428	0.22733	0.0590525	0.22968110	2.6407009	21	12 1.3	20.3
184274 2004 YW_{24}	12.7	X	351.35704	161.96536	116.32608	26.01179	0.1158929	0.08450134	5.1431240	21	6 19.8	19.1
184275 Laffra	17.2	X	189.71090	47.44457	310.55605	18.94825	0.0798661	0.37104469	1.9180146	21	2 6.2	19.1
184276 2005 AU_{19}	12.8	X	164.45465	0.17386	91.30469	10.71486	0.0900924	0.08309684	5.2009146	21	6 7.9	20.0
184277 2005 AB_{22}	16.5	X	152.21840	241.99750	270.91379	4.28095	0.1461968	0.26731231	2.3866574	21	8 11.0	20.2
184278 2005 AS_{32}	16.8	X	206.42438	324.25623	162.33108	2.48081	0.1574738	0.27372617	2.3492280	21	8 31.7	20.3
184279 2005 AM_{43}	16.9	X	347.96301	106.60262	352.58852	18.19146	0.0712299	0.35316399	1.9822196	21	—	—
184280 Yperion	13.6	X	114.79457	33.94190	109.04404	3.47889	0.0468889	0.08202498	5.2461249	21	6 11.9	20.6
184281 2005 AK_{59}	17.3	X	106.54261	323.79446	73.89610	2.55780	0.1490230	0.30619176	2.1800865	21	1 3.8	19.3
184282 2005 BV_{2}	16.7	X	128.54740	316.49983	138.70693	23.25839	0.0606424	0.37770974	1.8953842	21	4 16.9	19.2
184283 2005 BX_{10}	16.5	X	176.68681	275.46960	131.93144	23.41003	0.0999363	0.37256364	1.9127978	21	4 17.6	19.5
184284 2005 BK_{12}	13.5	X	26.95105	277.47326	319.56550	2.10253	0.0665124	0.08433096	5.1500487	21	6 17.3	20.0
184285 2005 CO_{7}	16.4	X	208.47834	12.61647	227.47194	19.73754	0.0343256	0.35085533	1.9909056	21	—	—
184286 2005 CW_{13}	16.9	X	75.87243	188.64750	60.48492	2.06819	0.1577464	0.26805202	2.3822646	21	9 29.1	20.0
184287 2005 CW_{17}	12.8	X	7.20336	124.81030	118.92072	10.00626	0.0202384	0.08044634	5.3145341	21	5 31.5	19.7
184288 2005 CD_{25}	14.9	X	167.54800	67.64044	279.75229	31.61180	0.0818020	0.24214083	2.5493181	21	1 16.1	18.7
184289 2005 CG_{31}	17.1	X	310.68530	190.29419	99.16492	3.40240	0.1860310	0.31369745	2.1451717	21	3 30.8	19.4
184290 2005 CV_{61}	17.1	X	91.53441	277.92593	294.39655	1.15490	0.1592184	0.25589698	2.4571176	21	8 26.9	20.4
184291 2005 CT_{79}	17.0	X	274.36455	188.31768	312.66855	6.39119	0.0870940	0.28469744	2.2884794	21	—	—
184292 2005 EK	16.0	X	291.91093	261.86248	314.70755	3.31027	0.1305252	0.24011431	2.5636419	21	—	—
184293 2005 EB_{2}	16.4	X	32.62116	270.01488	195.04434	21.29924	0.0917268	0.35835015	1.9630483	21	—	—
184294 2005 ES_{25}	17.3	X	312.36870	67.64514	137.78028	2.55587	0.0911075	0.29902607	2.2147770	21	—	—
184295 2005 EJ_{37}	17.0	X	179.49369	5.12688	185.46002	2.72314	0.1413149	0.27311485	2.3527323	21	10 28.3	20.5
184296 2005 EG_{38}	16.7	X	56.91905	313.14715	140.81331	24.06589	0.0828776	0.36150521	1.9516099	21	—	—
184297 2005 EZ_{46}	17.6	X	249.14909	86.93733	146.11348	3.24947	0.1213211	0.29115894	2.2544951	21	—	—
184298 2005 ES_{60}	17.0	X	150.86775	234.46208	308.95989	1.93190	0.1302470	0.26826150	2.3810243	21	9 19.0	20.6
184299 2005 ES_{78}	15.7	X	68.39490	212.56692	124.33902	4.43130	0.0832586	0.22040227	2.7143052	21	12 24.0	19.4
184300 2005 ED_{114}	17.7	X	340.44418	305.01385	358.83716	2.73810	0.1811470	0.31837761	2.1240971	21	6 20.4	18.9
184301 2005 EY_{153}	17.7	X	171.16804	287.12986	7.32262	17.15217	0.0623605	0.35034853	1.9928251	21	—	—
184302 2005 EU_{178}	16.4	X	212.64046	332.36740	303.83287	2.67207	0.1642244	0.23167853	2.6255010	21	—	—
184303 2005 EP_{181}	16.7	X	134.73555	156.36780	78.27631	4.21977	0.1516148	0.27496002	2.3421948	21	11 10.4	20.4
184304 2005 EV_{198}	17.5	X	234.81863	245.29508	308.56309	1.05403	0.0585818	0.28191493	2.3035130	21	—	—
184305 2005 ET_{199}	17.1	X	47.44135	242.75617	342.84063	1.52881	0.1506506	0.25581809	2.4576227	21	7 12.2	19.7
184306 2005 ES_{203}	12.7	X	326.16723	172.71048	124.29914	11.21016	0.0907390	0.08155679	5.2661834	21	6 6.4	19.4
184307 2005 ED_{206}	16.6	X	180.25994	291.74523	351.68521	7.21436	0.0266892	0.28749279	2.2736210	21	—	—
184308 2005 EY_{209}	16.3	X	185.93830	61.06590	201.34185	1.47088	0.0325447	0.22644476	2.6658018	21	—	—
184309 2005 EC_{260}	17.2	X	161.99954	321.14583	168.42113	2.51899	0.1337360	0.26024127	2.4296960	21	7 21.4	20.9
184310 2005 EZ_{263}	17.5	X	27.55042	125.38839	359.31205	4.68065	0.1081548	0.29913019	2.2142631	21	—	—
184311 2005 ER_{270}	16.9	X	290.17394	32.40355	100.13057	6.24580	0.0984635	0.28526883	2.2854225	21	—	—
184312 2005 EG_{278}	17.1	X	191.59014	271.32268	41.35950	22.05107	0.0654275	0.35564226	1.9730002	21	—	—
184313 2005 EO_{283}	16.4	X	40.99046	115.10420	94.85532	7.66800	0.0674690	0.25493946	2.4632662	21	5 27.8	19.1
184314 2005 EO_{302}	6.4	X	321.68766	270.26687	0.54539	5.78365	0.1418502	0.00324723	45.1641268	21	4 29.6	22.5
184315 2005 EB_{314}	16.8	X	295.39200	201.30962	137.78640	2.01381	0.1998247	0.25643016	2.4537105	21	5 21.7	19.8
184316 2005 EP_{315}	16.3	X	136.81824	224.63470	70.74205	3.13091	0.0664105	0.22197058	2.7015049	21	—	—
184317 2005 EV_{323}	16.8	X	133.48784	343.46037	205.81855	4.42657	0.0974459	0.26606793	2.3940930	21	9 6.1	20.2
184318 Fosanelli	16.0	X	227.34092	207.39799	72.54213	7.95768	0.0751044	0.23248462	2.6194286	21	1 5.2	20.0
184319 2005 GF_{2}	16.0	X	302.79492	118.07962	62.86134	13.42793	0.0888936	0.23338262	2.6127050	21	—	—
184320 2005 GK_{7}	17.3	X	289.30836	122.25557	96.57358	6.14507	0.1388646	0.29332491	2.2433830	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184321 2005 GA_8	16.5	X	282.28755	289.49628	22.41678	4.64046	0.2125897	0.30495911	2.1859571	21	3 23.4	19.5
184322 2005 GH_{30}	15.9	X	99.26203	209.65961	78.12192	4.44753	0.0419719	0.21437378	2.7649563	21	11 23.7	19.7
184323 2005 GD_{32}	17.4	X	112.95647	344.62815	237.66004	0.61534	0.1422385	0.26587913	2.3952263	21	10 1.8	21.0
184324 2005 GB_{39}	16.9	X	239.91185	99.76468	44.11583	1.37980	0.1590307	0.27714711	2.3298563	21	11 1.3	19.9
184325 2005 GN_{60}	17.0	X	151.77887	318.16035	330.80165	7.10446	0.1162650	0.28248526	2.3004115	21	—	—
184326 2005 GA_{73}	17.0	X	14.30061	353.66018	150.49632	8.10235	0.1354842	0.29761092	2.2217924	21	—	—
184327 2005 GD_{81}	16.6	X	318.32302	180.93763	96.46119	12.30075	0.2245076	0.24443513	2.5333409	21	4 2.5	19.9
184328 2005 GB_{91}	17.3	X	280.15998	134.65678	331.16103	3.95792	0.0936472	0.27571490	2.3379177	21	11 16.6	19.8
184329 2005 GY_{96}	17.0	X	245.54769	275.01280	41.50088	6.83948	0.1213476	0.30090096	2.2055674	21	3 2.1	20.2
184330 2005 GV_{97}	16.0	X	186.26301	213.88144	105.40701	5.01543	0.0219704	0.23153418	2.6265921	21	1 5.6	19.7
184331 2005 GV_{101}	17.3	X	284.77242	74.66327	142.16253	2.01688	0.1186343	0.29377391	2.2410966	21	—	—
184332 2005 GF_{102}	16.2	X	50.26294	312.48363	73.28128	6.68043	0.0513941	0.22003910	2.7172909	21	—	—
184333 2005 GX_{108}	16.9	X	117.54398	314.11681	56.63270	5.02902	0.1986137	0.28828847	2.2694356	21	—	—
184334 2005 GY_{127}	15.7	X	211.84162	236.06893	41.66649	15.13461	0.0802647	0.22934509	2.6432795	21	—	—
184335 2005 GB_{133}	17.7	X	249.54137	231.77253	60.25797	3.99011	0.0979875	0.29776513	2.2210252	21	2 1.9	20.8
184336 2005 GM_{139}	17.1	X	208.87802	158.98262	165.48026	5.23165	0.1717649	0.29380987	2.2409137	21	1 31.9	20.6
184337 2005 GN_{143}	16.9	X	216.94042	90.26252	171.73656	7.86101	0.1150525	0.28614398	2.2807603	21	—	—
184338 2005 GB_{151}	16.8	X	332.22087	48.35678	145.42961	3.69825	0.1196777	0.29616728	2.2290065	21	—	—
184339 2005 GA_{154}	16.5	X	81.07314	266.14376	123.84745	6.60483	0.1887737	0.28544301	2.2844927	21	—	—
184340 2005 GM_{163}	17.0	X	148.11190	226.45137	194.51549	1.54126	0.0172796	0.24354267	2.5395260	21	3 27.0	20.1
184341 2005 GX_{176}	17.5	X	291.28145	284.10281	11.15072	7.33912	0.2556082	0.30265793	2.1970234	21	3 7.2	20.6
184342 2005 GG_{178}	16.8	X	60.17127	269.27688	115.18251	5.07196	0.1238225	0.28221920	2.3018570	21	—	—
184343 2005 GW_{218}	17.5	X	192.91961	286.47198	158.80398	1.05465	0.1498173	0.25873296	2.4391296	21	6 24.5	21.4
184344 2005 HO_2	17.2	X	138.79172	203.74852	32.22696	1.52770	0.1492777	0.27001428	2.3707089	21	11 14.2	20.7
184345 2005 HO_4	17.2	X	190.67883	215.88380	78.17263	3.62603	0.2292282	0.28498647	2.2869319	21	—	—
184346 2005 HF_6	15.9	X	192.05372	205.07658	166.12396	8.01656	0.3870120	0.23122344	2.6289449	21	3 27.7	21.0
184347 2005 HO_6	17.1	X	212.22314	90.79938	169.35334	6.06315	0.0776798	0.28340170	2.2954495	21	—	—
184348 2005 HW_7	17.1	X	222.68136	129.28797	98.43590	6.83105	0.1252839	0.28255583	2.3000284	21	—	—
184349 2005 JV	17.2	X	277.61477	139.03882	107.20726	6.27950	0.0392834	0.29357768	2.2420951	21	1 9.2	19.8
184350 2005 JL_1	16.8	X	302.25939	191.70125	106.45504	2.04399	0.0606789	0.30619368	2.1800773	21	4 21.7	19.1
184351 2005 JY_7	17.2	X	50.25273	189.20515	202.83318	4.95113	0.1536579	0.28298428	2.2977063	21	—	—
184352 2005 JA_{16}	16.4	X	86.96475	29.07182	74.60398	1.37070	0.1079205	0.23967045	2.5668060	21	3 16.9	19.6
184353 2005 JK_{22}	16.6	X	44.06615	159.43620	153.59961	8.08797	0.2693544	0.26022109	2.4298216	21	11 29.7	20.0
184354 2005 JZ_{35}	16.9	X	162.19366	307.71433	108.92805	6.18624	0.1186981	0.30208493	2.1998007	21	4 15.1	20.0
184355 2005 JL_{38}	17.4	X	99.09600	5.85470	94.21455	6.10901	0.0646983	0.30463939	2.1874863	21	3 15.2	19.8
184356 2005 JP_{51}	15.8	X	37.39443	224.99943	62.88886	6.16002	0.1094827	0.19852860	2.9101854	21	9 16.1	19.5
184357 2005 JJ_{55}	17.4	X	197.16948	179.99552	170.79980	5.54145	0.1088463	0.29488110	2.2354833	21	2 20.7	20.6
184358 2005 JW_{67}	16.9	X	358.05879	356.07443	263.16400	3.83743	0.0594843	0.30876805	2.1679428	21	5 23.1	19.0
184359 2005 JB_{68}	16.7	X	236.27831	308.15066	27.55342	4.98426	0.0418912	0.30158531	2.2022296	21	3 19.6	19.3
184360 2005 JC_{68}	17.2	X	261.76059	189.60682	35.28765	5.12244	0.0928104	0.28781700	2.2719133	21	—	—
184361 2005 JW_{76}	17.1	X	182.06060	344.03557	46.79982	6.70399	0.0909054	0.30136863	2.2032851	21	3 30.9	20.0
184362 2005 JF_{91}	17.3	X	239.67309	254.03556	41.20877	4.07609	0.1739044	0.29246688	2.2477685	21	1 25.4	20.9
184363 2005 JX_{101}	16.9	X	222.05459	93.39159	165.60215	7.15280	0.0832829	0.28451678	2.2894480	21	—	—
184364 2005 JE_{103}	16.4	X	201.93858	177.33233	142.58160	14.13041	0.0862349	0.22849138	2.6498594	21	1 27.3	20.3
184365 2005 JP_{104}	16.3	X	23.70633	304.82217	225.24952	4.11153	0.1178119	0.23964278	2.5670036	21	3 1.0	19.0
184366 2005 JW_{106}	17.2	X	306.29424	167.44146	112.41180	3.89038	0.1480625	0.30434115	2.1889152	21	3 18.3	19.7
184367 2005 JC_{110}	17.7	X	158.67641	93.43844	120.79995	4.62021	0.1096041	0.26905463	2.3763427	21	11 8.4	21.2
184368 2005 JE_{119}	16.9	X	313.14281	18.83174	113.27493	5.24980	0.0770065	0.28114297	2.3077277	21	—	—
184369 2005 JH_{134}	16.5	X	249.51722	121.32117	193.71714	3.50983	0.2208291	0.23618644	2.5919865	21	3 1.6	20.8
184370 2005 JB_{144}	15.7	X	149.54506	181.14233	83.41924	5.52120	0.0207419	0.21242282	2.7818600	21	12 21.9	19.7
184371 2005 JU_{155}	15.9	X	230.53555	189.23190	207.34516	1.85999	0.0939947	0.18951744	3.0017183	21	6 5.4	20.3
184372 2005 JH_{160}	17.9	X	147.35310	279.90225	300.98853	0.59904	0.1365540	0.26856742	2.3792158	21	11 3.1	21.4
184373 2005 JS_{161}	17.6	X	347.97495	178.59312	90.86635	2.26180	0.0686698	0.30880431	2.1677731	21	5 21.3	19.5
184374 2005 KT_4	16.9	X	6.06035	236.50577	105.69042	8.58894	0.2043029	0.25888715	2.4381610	21	11 2.2	19.3
184375 2005 KM_7	16.9	X	151.79952	171.56711	111.70558	6.85093	0.2313974	0.27046279	2.3680873	21	—	—
184376 2005 KS_9	16.7	X	117.87927	214.32537	64.80764	6.42877	0.1819594	0.26852711	2.3794539	21	12 18.7	20.6
184377 2005 KL_{10}	17.5	X	317.14919	38.22549	240.52939	4.39978	0.1259207	0.30293356	2.1956905	21	4 1.6	19.9
184378 2005 KS_{11}	17.0	X	12.69904	213.24414	30.65290	0.82160	0.1005441	0.30751592	2.1738237	21	5 25.3	18.8
184379 2005 LL_8	17.1	X	355.73456	113.75394	102.08664	4.00615	0.1136004	0.30113722	2.2044136	21	3 8.8	19.1
184380 2005 LN_8	16.7	X	236.06160	222.46568	49.13847	3.18167	0.2193628	0.28500410	2.2868375	21	—	—
184381 2005 LW_8	17.2	X	224.59556	194.56522	127.81699	2.06475	0.0724671	0.29512427	2.2342551	21	2 13.9	20.3
184382 2005 LZ_{15}	17.0	X	252.46861	299.34769	248.44144	5.74345	0.1019085	0.27444071	2.3451485	21	—	—
184383 2005 LU_{16}	17.1	X	283.15593	153.05784	83.45952	4.42178	0.0672777	0.29186773	2.2508436	21	—	—
184384 2005 LA_{18}	16.7	X	145.83578	331.75567	106.97214	6.03011	0.0924635	0.30318933	2.1944555	21	4 23.2	19.5
184385 2005 LO_{18}	16.0	X	229.39308	164.81384	169.53594	2.65655	0.2251797	0.23322585	2.6138757	21	3 9.3	20.3
184386 2005 LS_{43}	17.2	X	234.83535	131.40796	169.49124	1.68989	0.0595837	0.28814948	2.2701653	21	1 29.2	20.1
184387 2005 LY_{43}	15.6	X	301.04865	302.06232	248.36395	15.38505	0.1361360	0.22804182	2.6533409	21	—	—
184388 2005 LG_{44}	16.0	X	57.43460	77.07111	232.12530	1.20819	0.0847171	0.19766461	2.9186595	21	11 2.6	19.8
184389 2005 LE_{47}	16.8	X	129.18031	208.79811	122.12416	3.33739	0.2256548	0.27133222	2.3630258	21	—	—
184390 2005 LY_{47}	16.3	X	241.41107	162.19598	115.73300	4.99183	0.1899543	0.22458681	2.6804840	21	1 14.1	20.8
184391 2005 LY_{52}	16.8	X	186.15953	92.59875	183.48022	6.19611	0.2222164	0.27539380	2.3397347	21	—	—
184392 2005 ME_2	17.1	X	105.16166	53.45605	207.25100	1.81393	0.1666237	0.26532963	2.3985322	21	11 14.0	20.6
184393 2005 MU_2	17.0	X	135.75549	180.68010	135.16878	2.12483	0.1993824	0.27086694	2.3657311	21	—	—
184394 2005 MH_5	16.1	X	5.32528	220.27335	133.34828	6.98871	0.1145651	0.25504965	2.4625567	21	11 3.4	18.8
184395 2005 MV_5	16.1	X	15.12988	190.28490	129.13712	5.03854	0.2135872	0.25134412	2.4867010	21	10 15.1	18.4
184396 2005 ME_6	16.7	X	143.64959	279.47134	134.42579	6.56567	0.0944877	0.29671690	2.2262531	21	3 16.8	19.5
184397 2005 MP_8	17.0	X	150.39208	217.52581	157.22747	6.69436	0.1003306	0.28990538	2.2609894	21	1 29.9	19.8
184398 2005 MV_{10}	17.3	X	166.57688	219.00717	114.92019	3.97271	0.2466940	0.28308388	2.2971673	21	1 13.2	20.8
184399 2005 MF_{12}	16.8	X	195.44133	223.29963	114.09586	5.40708	0.2402560	0.28416403	2.2913423	21	2 10.7	20.6
184400 2005 MG_{12}	17.5	X	225.54136	326.33266	282.59665	1.97309	0.2055293	0.27955283	2.3164706	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184401 2005 MP_{12}	16.6	X	197.90816	111.89942	143.66441	2.85283	0.1280691	0.27417686	2.3466529	21	—	—
184402 2005 MA_{13}	16.7	X	207.58333	152.10265	116.00428	7.11937	0.1061259	0.27711064	2.3300608	21	—	—
184403 2005 MQ_{14}	16.8	X	189.83628	45.87743	229.34633	3.02343	0.1571988	0.27554388	2.3388850	21	—	—
184404 2005 MD_{15}	16.5	X	287.44430	164.89216	152.95856	5.55565	0.0687305	0.23581865	2.5946809	21	5 5.2	20.0
184405 2005 MD_{18}	16.7	X	184.28143	178.85082	166.50058	2.06495	0.0932177	0.22275791	2.6951356	21	2 10.5	20.7
184406 2005 MT_{20}	17.2	X	176.84106	110.28424	117.70397	2.04539	0.1453259	0.26717403	2.3874808	21	12 10.2	20.9
184407 2005 MF_{22}	16.4	X	138.86864	215.38998	298.99954	3.47424	0.1241072	0.24529314	2.5274299	21	7 29.6	20.1
184408 2005 MZ_{22}	16.6	X	156.59107	161.88969	155.46921	9.72911	0.2729407	0.27395701	2.3479082	21	—	—
184409 2005 MF_{25}	17.2	X	155.75439	126.17350	150.06477	1.66817	0.1821292	0.27098499	2.3650440	21	—	—
184410 2005 MO_{30}	16.8	X	177.77519	140.61617	200.96884	4.53211	0.0652239	0.22083283	2.7107759	21	1 27.5	20.7
184411 2005 MG_{31}	16.2	X	203.07578	186.19119	175.92537	7.81667	0.2016676	0.23291259	2.6162189	21	3 22.2	20.6
184412 2005 MO_{31}	16.2	X	236.97679	161.36540	131.03342	24.06977	0.1572622	0.28563194	2.2834852	21	1 19.5	19.8
184413 2005 MS_{32}	16.7	X	72.50778	305.35739	39.69000	3.16257	0.1995156	0.26388675	2.4072674	21	—	—
184414 2005 MQ_{37}	16.7	X	102.90567	300.09056	257.89423	2.20056	0.0432322	0.24647001	2.5193780	21	8 5.0	19.9
184415 2005 MK_{39}	16.9	X	168.15513	197.77818	46.90362	1.88701	0.1445248	0.26757177	2.3851142	21	12 22.4	20.3
184416 2005 ML_{39}	16.8	X	290.81464	281.72130	336.70739	3.26000	0.1408732	0.29042805	2.2582760	21	1 31.0	19.8
184417 2005 MM_{41}	16.6	X	51.95481	262.06123	111.69362	3.27253	0.0774439	0.20363835	2.8612974	21	—	—
184418 2005 MY_{46}	16.7	X	177.29042	121.82790	182.62028	6.87262	0.1446390	0.27723106	2.3293860	21	—	—
184419 2005 MF_{52}	16.5	X	76.67333	236.16713	69.91888	5.56166	0.1577600	0.26047950	2.4282143	21	12 10.6	20.1
184420 2005 MJ_{52}	15.6	X	217.00475	266.61716	139.82634	5.81985	0.0591787	0.17661782	3.1461520	21	6 6.5	20.3
184421 2005 NG_{2}	16.8	X	243.80823	140.90590	129.48976	4.14245	0.1324370	0.28459766	2.2890142	21	—	—
184422 2005 NE_{4}	16.9	X	43.16853	318.58480	280.18027	4.06164	0.0876776	0.24436445	2.5338294	21	7 14.3	19.9
184423 2005 NY_{6}	16.6	X	123.16440	320.93076	8.83348	4.63604	0.3215212	0.27039930	2.3684579	21	—	—
184424 2005 ND_{8}	16.4	X	169.10939	204.24888	246.46422	3.55735	0.0505535	0.23777379	2.5804378	21	6 5.2	19.8
184425 2005 NJ_{9}	16.0	X	293.76720	243.65179	157.71658	3.73100	0.1355239	0.18623669	3.0368678	21	8 23.1	20.0
184426 2005 NK_{9}	16.6	X	109.03138	225.31745	155.93415	4.02931	0.1025925	0.21435080	2.7651539	21	1 2.7	20.3
184427 2005 NG_{12}	16.2	X	312.83826	139.42119	220.77606	1.79785	0.1279946	0.24743708	2.5128093	21	7 31.7	18.9
184428 2005 NT_{13}	16.6	X	171.79318	7.89733	249.96730	1.83211	0.1942407	0.26795176	2.3828588	21	—	—
184429 2005 ND_{14}	17.1	X	239.60054	162.36653	184.84079	2.43175	0.1547863	0.22861797	2.6488811	21	4 6.8	21.0
184430 2005 NW_{17}	17.1	X	167.65679	225.13047	109.04962	6.09642	0.2200173	0.27954614	2.3165075	21	1 12.8	20.6
184431 2005 NX_{17}	16.6	X	69.40434	183.01553	302.94740	2.42725	0.0433950	0.22940990	2.6427816	21	3 12.5	20.0
184432 2005 NX_{19}	17.1	X	186.67618	298.85793	230.06083	1.77314	0.1259780	0.25727149	2.4483581	21	10 5.9	20.7
184433 2005 NT_{20}	16.8	X	207.32638	296.99352	346.32144	3.25562	0.2041065	0.28118711	2.3074862	21	—	—
184434 2005 NS_{21}	16.0	X	129.32221	33.19254	268.82631	4.94286	0.0441423	0.20673827	2.8326231	21	—	—
184435 2005 NM_{22}	16.3	X	96.11967	182.44543	148.59014	6.80350	0.0867785	0.20453619	2.8529179	21	—	—
184436 2005 NW_{23}	16.6	X	151.42651	189.70020	184.62569	6.07554	0.0385525	0.22211666	2.7003203	21	2 3.6	20.5
184437 2005 NQ_{26}	17.2	X	108.66783	89.92201	160.70562	2.94130	0.1464582	0.25975094	2.4327527	21	11 3.5	20.8
184438 2005 NR_{28}	17.3	X	97.92143	148.36883	165.89758	6.33156	0.1298406	0.26482356	2.4015869	21	—	—
184439 2005 NV_{31}	15.7	X	86.34982	311.12429	145.35840	18.66033	0.1359695	0.22570196	2.6716476	21	3 15.4	19.1
184440 2005 NX_{31}	15.6	X	195.63375	249.39534	185.02158	8.62140	0.1438666	0.23949370	2.5680688	21	6 13.9	19.8
184441 2005 NG_{32}	16.7	X	196.33358	34.79174	208.00674	5.53161	0.1105015	0.27243439	2.3566482	21	—	—
184442 2005 NQ_{35}	16.9	X	290.89463	8.30833	309.04246	3.42767	0.1594296	0.23696664	2.5862941	21	4 21.3	20.4
184443 2005 NC_{45}	16.5	X	322.17801	207.16291	100.61993	5.41246	0.1586278	0.24619924	2.5212248	21	5 27.2	19.1
184444 2005 ND_{46}	16.6	X	20.85721	165.19436	153.53994	1.83122	0.0933511	0.18983692	2.9983496	21	9 25.9	20.2
184445 2005 NF_{46}	17.2	X	308.23930	220.50502	135.47827	1.11410	0.1680818	0.24393587	2.5367964	21	7 11.2	19.9
184446 2005 NQ_{49}	16.2	X	321.90327	177.18518	128.09584	5.62009	0.2520776	0.24398783	2.5364362	21	5 8.3	18.9
184447 2005 NR_{49}	16.1	X	55.57457	100.35557	235.28819	2.62904	0.2045875	0.26037680	2.4288528	21	12 30.6	19.6
184448 2005 NV_{51}	17.2	X	241.85434	114.91588	167.06279	3.21618	0.1532560	0.28645696	2.2790987	21	1 10.6	20.7
184449 2005 NL_{55}	17.0	X	204.96063	285.42939	27.35586	5.09561	0.2863491	0.28426262	2.2908125	21	1 21.3	21.1
184450 2005 NV_{57}	16.6	X	86.14656	202.87875	127.52950	3.03735	0.1958108	0.26445876	2.4037949	21	—	—
184451 2005 NR_{59}	17.1	X	79.58592	145.14208	116.14271	3.42941	0.1826879	0.25599321	2.4565018	21	10 21.9	20.7
184452 2005 NH_{63}	15.0	X	313.07433	41.87361	278.47672	15.05922	0.0830138	0.17721883	3.1390348	21	6 13.0	19.2
184453 2005 NX_{63}	17.4	X	193.17243	146.49924	165.25738	3.86469	0.2452277	0.28113371	2.3077784	21	1 8.3	21.2
184454 2005 NH_{64}	16.0	X	196.14475	76.91361	152.93344	8.53787	0.0474391	0.20674473	2.8325641	21	12 30.3	20.2
184455 2005 NB_{67}	16.0	X	73.19547	145.30052	214.82272	6.63231	0.2199504	0.26423955	2.4051241	21	—	—
184456 2005 NY_{69}	16.7	X	29.56054	198.78124	197.60802	1.63848	0.0711981	0.20464437	2.8519124	21	—	—
184457 2005 NL_{76}	15.3	X	298.37548	204.96399	146.77128	10.92269	0.0914455	0.18151085	3.0893539	21	7 1.6	19.6
184458 2005 NW_{79}	16.6	X	158.05826	296.29425	1.50104	5.55149	0.2011663	0.27433331	2.3457606	21	—	—
184459 2005 NH_{80}	16.5	X	69.88380	329.70336	17.98146	6.64753	0.1345448	0.26553498	2.3972954	21	—	—
184460 2005 NN_{80}	17.0	X	136.16408	219.91955	71.95124	3.09149	0.2174695	0.27018830	2.3696909	21	—	—
184461 2005 NR_{80}	17.1	X	123.50738	290.64395	28.29538	2.59152	0.2329509	0.27022044	2.3695030	21	—	—
184462 2005 ND_{81}	16.3	X	108.23959	40.04942	317.77239	4.46654	0.0728585	0.21184942	2.7868774	21	—	—
184463 2005 NS_{81}	16.6	X	154.81921	334.53796	116.90147	2.10742	0.0767544	0.23617516	2.5920691	21	5 22.2	20.3
184464 2005 NW_{81}	16.9	X	143.38096	233.69806	77.79954	3.13915	0.2291755	0.27194701	2.3594631	21	—	—
184465 2005 NZ_{84}	16.8	X	180.37884	190.69774	115.55736	4.02637	0.2376948	0.27613489	2.3355465	21	—	—
184466 2005 NT_{85}	16.9	X	107.07647	158.33102	259.33420	1.55123	0.0932870	0.22221793	2.6994999	21	2 11.8	20.5
184467 2005 NZ_{86}	16.2	X	269.09308	263.29718	131.80944	1.45891	0.0867550	0.24473157	2.5312947	21	7 20.9	19.5
184468 2005 NX_{98}	15.3	X	290.84460	29.35331	311.63316	7.87560	0.0518200	0.17874551	3.1211355	21	6 13.1	19.7
184469 2005 NC_{99}	16.9	X	159.16577	185.76166	144.86227	8.59367	0.2519059	0.27534693	2.3400002	21	1 3.9	20.5
184470 2005 NU_{99}	17.2	X	169.93733	325.44368	14.71632	1.45176	0.1696518	0.28071188	2.3100898	21	1 17.9	20.4
184471 2005 NU_{100}	16.3	X	60.43555	21.84460	324.37639	0.93215	0.1999234	0.26032664	2.4291648	21	—	—
184472 2005 NK_{101}	16.6	X	37.99763	209.18899	312.80998	2.80609	0.0243497	0.22896144	2.6462314	21	3 14.7	20.1
184473 2005 NN_{122}	16.7	X	55.76578	264.51007	129.74966	2.95686	0.0784215	0.21005726	2.8027063	21	—	—
184474 2005 OA	17.3	X	257.61369	78.61852	213.30146	3.47601	0.2397801	0.28926421	2.2643293	21	2 1.1	21.1
184475 2005 OV	16.8	X	236.96980	141.02819	174.78500	7.11386	0.1439244	0.28930999	2.2640904	21	2 16.4	20.1
184476 2005 OZ_{1}	16.4	X	345.45832	298.79005	349.27061	5.26549	0.1524273	0.24333701	2.5409568	21	6 10.8	18.9
184477 2005 OD_{2}	16.5	X	121.80020	258.58758	11.63897	4.60578	0.1631378	0.26389776	2.4072004	21	12 9.8	20.4
184478 2005 OO_{5}	17.3	X	222.81605	145.27758	146.66916	2.85744	0.1540525	0.28236259	2.3010776	21	1 6.3	20.7
184479 2005 OS_{5}	17.0	X	190.90763	148.63042	129.22128	2.56681	0.2203041	0.27567650	2.3381348	21	—	—
184480 2005 OB_{9}	15.9	X	33.38039	180.36291	164.79484	8.77123	0.0740115	0.19664037	2.9287857	21	11 17.0	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184481 2005 OE_{11}	16.4	X	126.79674	171.99183	121.90819	2.20881	0.1682815	0.26629279	2.3927451	21	—	—
184482 2005 OG_{12}	17.3	X	50.65095	82.17848	272.18265	0.48317	0.2067313	0.25947466	2.4344792	21	—	—
184483 2005 OX_{14}	16.2	X	36.72561	297.18187	65.95900	6.94558	0.1336706	0.26155134	2.4215759	21	—	—
184484 2005 OQ_{15}	16.3	X	266.98386	177.30239	175.02206	13.33623	0.1153967	0.23788021	2.5796682	21	5 18.9	20.1
184485 2005 OY_{17}	15.6	X	264.19453	222.74105	173.58161	10.60296	0.2351875	0.17671646	3.1449811	21	6 25.4	20.6
184486 2005 OA_{18}	16.0	X	94.37274	222.53456	174.13787	7.75265	0.1728466	0.21030553	2.8005001	21	1 12.6	19.6
184487 2005 OG_{18}	15.9	X	95.57268	11.30958	272.26055	3.92818	0.0916412	0.19524558	2.9427175	21	11 15.5	20.2
184488 2005 ON_{18}	16.7	X	227.85848	218.96031	162.95083	8.38966	0.2001492	0.23089249	2.6314564	21	5 8.4	21.1
184489 2005 OY_{18}	16.6	X	241.72259	158.60855	159.95034	3.45996	0.1318881	0.22678383	2.6631440	21	3 6.2	20.8
184490 2005 OE_{21}	15.7	X	285.48305	8.34382	342.64173	7.34499	0.1484840	0.17640567	3.1486739	21	6 3.6	20.3
184491 2005 OJ_{21}	16.5	X	89.06549	115.62741	136.34432	10.19802	0.1423850	0.25293466	2.4762652	21	10 17.9	20.2
184492 2005 OM_{21}	15.9	X	86.77047	280.23863	123.97958	7.16134	0.0281967	0.21330113	2.7742182	21	—	—
184493 2005 OX_{21}	15.9	X	71.96269	349.93770	144.99035	14.77792	0.0984756	0.22672898	2.6635736	21	4 11.1	19.4
184494 2005 OE_{26}	16.3	X	194.44484	355.42388	335.36660	6.80275	0.3032118	0.22060960	2.7126043	21	2 10.5	21.3
184495 2005 OD_{27}	16.8	X	118.44636	175.46050	140.26618	3.09535	0.2230704	0.26734546	2.3864601	21	—	—
184496 2005 OF_{27}	15.5	X	241.85474	150.73165	296.24272	4.48836	0.0390195	0.18422234	3.0589651	21	8 26.5	19.8
184497 2005 PC_{1}	16.7	X	109.17531	208.71107	61.45641	3.33591	0.1717534	0.26033196	2.4291317	21	11 28.8	20.5
184498 2005 PP_{2}	16.6	X	50.25649	285.43520	56.19165	2.01770	0.2003001	0.25957298	2.4338645	21	—	—
184499 2005 PZ_{2}	16.0	X	48.31143	202.21731	150.84195	3.01690	0.1829000	0.26011062	2.4305095	21	—	—
184500 2005 PR_{5}	16.7	X	249.01126	164.21130	145.11575	8.29272	0.1606951	0.28966933	2.2622176	21	2 20.6	20.1
184501 Pimprenelle	16.8	X	142.52113	289.47011	337.90917	0.82470	0.1728799	0.26583285	2.3955043	21	12 25.5	20.6
184502 2005 PM_{6}	16.7	X	204.50935	295.80339	36.27616	5.41305	0.2386485	0.28462636	2.2888604	21	2 12.6	20.6
184503 2005 PN_{7}	17.0	X	207.93361	225.04752	38.07535	7.46892	0.2395289	0.27750838	2.3278339	21	—	—
184504 2005 PZ_{9}	15.5	X	275.20544	68.86882	332.81302	8.98858	0.0547726	0.18281995	3.0745885	21	8 11.2	19.8
184505 2005 PQ_{11}	17.3	X	76.34178	239.40092	51.18996	1.94448	0.1704905	0.25686105	2.4509656	21	11 21.7	20.9
184506 2005 PM_{13}	16.0	X	221.02174	128.12576	122.46077	9.77150	0.1623339	0.21361920	2.7714637	21	—	—
184507 2005 PS_{15}	15.7	X	352.49754	20.05572	345.58236	9.53200	0.1181669	0.18936205	3.0033601	21	10 10.4	19.4
184508 Courroux	15.9	X	173.84965	303.78609	351.22756	10.64168	0.1475893	0.21056996	2.7981550	21	—	—
184509 2005 PC_{19}	15.1	X	276.78758	238.94214	140.81295	27.71590	0.1814366	0.17897839	3.1184275	21	6 28.9	20.0
184510 2005 QS	16.7	X	175.89054	156.53081	163.49490	5.51978	0.1835947	0.27809984	2.3245322	21	—	—
184511 2005 QT	16.5	X	47.16170	202.26736	157.08719	2.29929	0.1950027	0.26073807	2.4266087	21	—	—
184512 2005 QP_{2}	16.1	X	148.36847	145.65106	196.02569	3.46521	0.1047992	0.21387902	2.7692187	21	1 1.6	20.1
184513 2005 QW_{3}	16.6	X	221.47694	125.88561	190.12842	1.75979	0.1229714	0.22107710	2.7087788	21	2 12.2	20.9
184514 2005 QS_{4}	15.6	X	99.83445	176.30507	162.95267	7.75778	0.1474271	0.20262186	2.8708589	21	—	—
184515 2005 QL_{6}	16.4	X	148.80775	39.02160	311.99421	2.72240	0.1060007	0.21337896	2.7735435	21	1 14.2	20.5
184516 2005 QM_{7}	16.2	X	132.98068	352.11857	359.98923	4.04212	0.0774493	0.21033088	2.8002751	21	—	—
184517 2005 QR_{8}	16.4	X	163.74630	188.98226	184.50326	5.72249	0.0797611	0.21947753	2.7219241	21	2 21.8	20.4
184518 2005 QT_{9}	16.4	X	86.78510	339.42405	297.14554	5.87423	0.1148475	0.25555628	2.4593009	21	11 6.9	20.0
184519 2005 QU_{10}	15.7	X	224.45830	306.80662	1.71458	12.39644	0.0680096	0.22100530	2.7093654	21	2 12.2	19.8
184520 2005 QD_{16}	16.1	X	248.80199	294.94899	325.62365	3.43518	0.0851910	0.21685555	2.7438205	21	1 6.8	20.1
184521 2005 QJ_{16}	15.5	X	223.72807	238.48109	158.98572	6.44892	0.1066602	0.17057768	3.2199904	21	5 30.9	20.5
184522 2005 QS_{16}	16.7	X	130.24797	190.11786	147.04280	6.13487	0.2448675	0.27032535	2.3688899	21	—	—
184523 2005 QM_{18}	15.6	X	126.75987	83.66036	167.36093	8.92931	0.0377316	0.19133462	2.9826824	21	11 8.4	20.0
184524 2005 QR_{18}	15.0	X	339.17625	202.29100	165.52959	11.49048	0.0762063	0.18442812	3.0566892	21	9 25.5	18.8
184525 2005 QA_{19}	16.8	X	110.61595	170.37243	122.09294	2.15316	0.1624778	0.26000882	2.4311439	21	12 26.7	20.6
184526 2005 QL_{19}	16.2	X	118.50768	278.33075	159.91560	11.90010	0.1348283	0.22177251	2.7031132	21	4 2.7	20.0
184527 2005 QR_{20}	15.9	X	187.44863	349.72287	353.98761	13.98277	0.2078300	0.21862133	2.7290261	21	2 20.5	20.6
184528 2005 QO_{22}	16.7	X	314.35076	109.19006	173.20220	1.29787	0.1256213	0.23301689	2.6154381	21	4 14.1	20.0
184529 2005 QG_{24}	14.9	X	2.12417	93.75079	165.55227	10.68665	0.1209139	0.17252107	3.1957634	21	6 7.9	18.9
184530 2005 QV_{24}	16.3	X	325.64463	257.66567	11.82649	8.87271	0.1036500	0.23003818	2.6379675	21	4 15.4	19.6
184531 2005 QC_{25}	15.7	X	290.23124	304.54171	73.13680	2.37991	0.1931161	0.17674357	3.1446595	21	7 8.9	19.9
184532 2005 QQ_{25}	16.2	X	137.95972	291.99450	20.02389	6.92173	0.0624658	0.20340925	2.8634455	21	—	—
184533 2005 QA_{26}	15.9	X	94.09330	282.20688	70.47254	3.02814	0.0738092	0.20205026	2.8762708	21	—	—
184534 2005 QY_{29}	15.7	X	34.47147	210.99897	185.02849	12.70759	0.1379724	0.20042485	2.8918005	21	—	—
184535 Audouze	15.7	X	298.58440	19.02346	347.41893	13.11782	0.0732225	0.17869905	3.1216764	21	7 27.9	20.0
184536 2005 QV_{30}	15.6	X	17.14380	212.39087	153.10546	12.74377	0.0175941	0.19512241	2.9439557	21	11 15.5	19.9
184537 2005 QT_{32}	16.2	X	83.61012	166.14223	159.63794	6.50635	0.2542041	0.20117859	2.8845730	21	—	—
184538 2005 QW_{35}	15.6	X	135.11335	186.44546	153.69881	9.94337	0.1587073	0.20844892	2.8171044	21	—	—
184539 2005 QG_{36}	15.3	X	328.31868	202.04294	168.68650	12.82973	0.2259781	0.18258830	3.0771884	21	8 28.9	18.4
184540 2005 QR_{37}	16.2	X	4.97720	139.94477	264.27666	1.58458	0.1025982	0.19441588	2.9510839	21	12 22.3	19.6
184541 2005 QB_{38}	16.3	X	241.35580	75.47258	230.68053	2.95665	0.2076073	0.22263727	2.6961091	21	2 14.2	21.0
184542 2005 QM_{39}	16.2	X	201.46649	178.80725	154.41170	6.47248	0.2224861	0.22133051	2.7067108	21	2 15.6	20.7
184543 2005 QR_{40}	17.3	X	125.78340	74.15300	226.65736	3.92555	0.2326907	0.26659988	2.3909074	21	—	—
184544 2005 QZ_{42}	15.9	X	218.16285	181.51826	148.72799	4.39278	0.2177032	0.22219654	2.6996732	21	2 25.3	20.3
184545 2005 QS_{44}	16.8	X	259.76984	226.56217	128.71836	4.75247	0.1298364	0.23331204	2.6132319	21	5 11.7	20.6
184546 2005 QK_{45}	15.7	X	276.53626	201.25852	3.59557	9.21078	0.1019175	0.21154508	2.7895496	21	—	—
184547 2005 QJ_{46}	16.0	X	335.26271	163.41007	14.89774	8.04215	0.0555989	0.21579565	2.7527975	21	1 11.8	19.8
184548 2005 QN_{47}	16.6	X	280.39405	303.04580	16.60849	4.84278	0.0817012	0.23120947	2.6290507	21	4 23.9	20.2
184549 2005 QT_{47}	15.4	X	327.65419	8.16889	358.09066	16.72707	0.1094475	0.18321029	3.0702199	21	9 5.8	19.1
184550 2005 QH_{48}	16.2	X	114.32570	34.39495	25.50165	7.03508	0.0518170	0.21803646	2.7339043	21	2 22.4	19.9
184551 2005 QJ_{48}	16.8	X	71.69742	240.53587	75.84094	2.40249	0.1873669	0.25784592	2.4447205	21	12 20.9	20.5
184552 2005 QM_{48}	16.3	X	66.62927	256.38024	93.92165	3.24386	0.2416133	0.26094720	2.4253120	21	—	—
184553 2005 QH_{49}	16.8	X	289.24004	208.67703	121.42827	5.19403	0.0944650	0.23429574	2.6059122	21	5 19.9	20.2
184554 2005 QK_{49}	16.0	X	304.05319	189.83019	148.67153	12.98363	0.0838668	0.17538520	3.1608757	21	6 24.1	20.5
184555 2005 QR_{50}	16.9	X	82.94104	288.07967	30.19711	3.89784	0.2299646	0.25968908	2.4331390	21	—	—
184556 2005 QU_{51}	16.1	X	189.13780	147.19353	191.40404	4.73834	0.0585367	0.21914714	2.7246592	21	2 5.2	20.0
184557 2005 QN_{52}	15.9	X	164.65275	138.32650	159.94152	8.31179	0.2100545	0.21045552	2.7991693	21	—	—
184558 2005 QK_{53}	15.7	X	231.91784	353.26551	345.33232	10.17476	0.1175019	0.22639935	2.6661583	21	3 20.1	19.8
184559 2005 QU_{56}	17.0	X	102.70081	265.04645	13.75530	6.49305	0.1085008	0.25844153	2.4409629	21	11 27.5	20.6
184560 2005 QZ_{59}	15.5	X	288.16848	217.92508	178.69258	8.92558	0.0275288	0.17979597	3.1089668	21	8 22.6	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184561 2005 QH_{62}	16.1	X	328.42132	174.69550	132.51496	2.33895	0.1633595	0.17726381	3.1385038	21	6 9.0	19.8
184562 2005 QE_{66}	16.7	X	69.80134	119.08124	193.29917	6.85342	0.1045428	0.25698487	2.4501782	21	12 5.1	20.1
184563 2005 QZ_{66}	16.2	X	224.86604	338.15323	161.54911	10.70084	0.0458036	0.18936892	3.0032876	21	10 14.8	20.5
184564 2005 QS_{72}	15.8	X	178.80862	37.46783	312.93613	4.66969	0.0658925	0.21659488	2.7460215	21	2 10.2	19.8
184565 2005 QD_{74}	15.8	X	257.23867	133.22815	183.36823	12.43124	0.1510707	0.22568720	2.6717640	21	3 17.0	19.7
184566 2005 QX_{78}	16.1	X	218.90072	134.70791	173.44213	9.16734	0.2581807	0.21957578	2.7211121	21	1 29.6	21.0
184567 2005 QF_{79}	16.3	X	257.84063	26.08770	297.78881	1.61668	0.0893018	0.22728204	2.6592508	21	4 1.4	20.1
184568 2005 QL_{80}	16.8	X	156.39669	161.58989	120.55142	2.27999	0.1765536	0.26862605	2.3788696	21	—	—
184569 2005 QU_{82}	15.7	X	354.55145	136.35518	197.44429	7.02696	0.1337545	0.18347144	3.0673057	21	9 1.9	19.4
184570 2005 QF_{85}	15.7	X	107.64060	215.60498	200.07481	4.20669	0.1522839	0.21277799	2.7787635	21	2 19.6	19.5
184571 2005 QU_{90}	16.4	X	135.33329	340.37770	3.68969	5.49231	0.0601386	0.20886062	2.8134012	21	—	—
184572 2005 QE_{91}	15.9	X	16.97234	341.01497	45.88480	1.31057	0.0781162	0.19704335	2.9247912	21	12 15.3	19.6
184573 2005 QK_{92}	16.3	X	207.34061	334.55811	343.88892	4.27552	0.1050921	0.21928645	2.7235051	21	2 3.3	20.6
184574 2005 QQ_{93}	16.7	X	178.49246	336.19573	39.95890	4.28385	0.1123890	0.22150555	2.7052847	21	3 17.4	20.8
184575 2005 QW_{93}	16.1	X	23.79307	4.19468	20.38530	6.50062	0.0703741	0.19629239	2.9322460	21	12 20.3	20.1
184576 2005 QD_{94}	16.5	X	337.74676	262.50919	92.74316	5.38538	0.2093723	0.24611292	2.5218144	21	9 11.9	18.5
184577 2005 QL_{94}	16.7	X	200.88970	275.32161	327.37555	1.64792	0.1532104	0.27098214	2.3650606	21	—	—
184578 2005 QB_{100}	15.8	X	112.84972	89.41469	288.39275	5.85212	0.0516179	0.21131181	2.7916022	21	—	—
184579 2005 QP_{105}	16.7	X	326.79729	255.43045	117.38629	4.38502	0.1148597	0.24727905	2.5138797	21	9 19.2	19.3
184580 2005 QD_{106}	14.9	X	29.15694	336.69396	32.92076	7.64035	0.0617791	0.19597036	2.9354574	21	12 6.8	18.9
184581 2005 QM_{106}	15.8	X	178.45386	320.01958	18.26488	9.38406	0.1588759	0.21685802	2.7437996	21	2 4.7	20.3
184582 2005 QC_{107}	17.1	X	167.18814	235.80454	50.79147	5.29636	0.2223458	0.27124084	2.3635566	21	—	—
184583 2005 QY_{113}	16.2	X	138.76596	331.52194	16.16762	4.44925	0.1143413	0.20896603	2.8124551	21	1 1.2	20.2
184584 2005 QX_{115}	16.1	X	86.40754	140.06097	158.18543	11.69270	0.0503372	0.19525490	2.9426238	21	11 21.8	20.5
184585 2005 QZ_{115}	16.0	X	34.57758	194.94791	157.48789	12.41348	0.0696134	0.19456763	2.9495493	21	11 27.2	20.2
184586 2005 QA_{116}	16.2	X	127.42058	219.93070	155.65220	4.03067	0.1061591	0.21362835	2.7713845	21	1 19.1	20.0
184587 2005 QB_{118}	16.7	X	218.12154	203.64718	61.10873	0.81379	0.0259930	0.21168350	2.7883335	21	—	—
184588 2005 QF_{119}	16.2	X	93.68531	183.96910	343.72561	2.60075	0.1233676	0.23583810	2.5945382	21	6 24.5	19.8
184589 2005 QK_{119}	16.7	X	191.38568	10.77396	351.64505	1.96424	0.0958511	0.22306340	2.6926743	21	3 11.1	20.7
184590 2005 QM_{122}	15.6	X	249.49554	126.49297	334.11739	6.62971	0.0302788	0.18678973	3.0308706	21	9 23.3	19.8
184591 2005 QD_{126}	16.5	X	309.84754	30.05996	17.01495	0.37385	0.0759674	0.18711000	3.0274110	21	10 1.6	20.4
184592 2005 QV_{128}	15.9	X	305.05342	46.62387	104.82130	3.06389	0.0300436	0.20528896	2.8459394	21	—	—
184593 2005 QY_{130}	16.6	X	67.48104	94.51874	126.29308	6.21028	0.1545393	0.24100159	2.5573457	21	8 6.6	19.7
184594 2005 QV_{142}	16.1	X	38.32110	284.02761	69.62899	7.69359	0.1254711	0.26045924	2.4283402	21	12 22.6	19.1
184595 2005 QC_{144}	16.4	X	345.92243	191.07947	97.43039	5.60428	0.1584573	0.23874954	2.5734023	21	6 13.1	18.9
184596 2005 QJ_{148}	15.9	X	103.94783	312.48344	85.04229	6.64982	0.0503386	0.21465660	2.7625271	21	1 9.6	19.5
184597 2005 QL_{148}	16.7	X	168.39346	267.33082	49.80680	5.44311	0.2047008	0.27585342	2.3371350	21	—	—
184598 2005 QM_{148}	16.0	X	207.78490	270.13849	71.06346	7.88454	0.0717898	0.22295111	2.6935784	21	3 5.9	20.1
184599 2005 QA_{150}	16.3	X	178.34760	222.95885	119.77746	2.87561	0.0805610	0.21536277	2.7564850	21	2 2.1	20.4
184600 2005 QN_{154}	16.3	X	173.58171	220.62888	61.90076	10.15576	0.1785368	0.27004457	2.3705316	21	—	—
184601 2005 QY_{160}	17.4	X	339.17056	274.75915	38.57307	4.90064	0.1912916	0.24044041	2.5613234	21	7 4.9	19.8
184602 2005 QL_{161}	16.3	X	197.63085	246.45743	68.88202	6.79762	0.1301173	0.21732789	2.7398434	21	1 22.6	20.7
184603 2005 QG_{162}	15.5	X	189.09003	190.65946	166.87258	16.15934	0.1505210	0.21893338	2.7264324	21	3 4.8	19.9
184604 2005 QG_{174}	15.4	X	25.64167	24.51162	306.32908	8.68758	0.0919434	0.18833692	3.0142486	21	10 13.2	19.4
184605 2005 QF_{177}	15.7	X	327.69005	42.46465	268.36511	3.47584	0.0501676	0.17505151	3.1648913	21	6 24.9	20.0
184606 2005 QH_{178}	17.1	X	151.76631	50.38512	200.70764	5.97320	0.1731153	0.26318967	2.4115161	21	12 13.7	21.0
184607 2005 QF_{182}	16.1	X	111.99857	281.95806	86.40500	6.72335	0.0774556	0.20640181	2.8357007	21	—	—
184608 2005 QG_{182}	16.2	X	150.22146	285.37484	76.46248	5.34131	0.0786543	0.21169840	2.7882026	21	1 27.1	20.2
184609 2005 QJ_{182}	16.1	X	314.21557	226.28627	344.01933	4.86296	0.0517148	0.21566203	2.7539344	21	1 24.8	19.9
184610 2005 RN	16.5	X	134.19471	255.42846	128.77542	6.46119	0.0480225	0.21810589	2.7333240	21	1 29.7	20.2
184611 2005 RG_{3}	16.4	X	28.70413	246.02114	136.28496	1.88379	0.1973638	0.26039213	2.4287575	21	—	—
184612 2005 RU_{6}	17.0	X	153.93853	190.25867	142.31963	5.93450	0.2410327	0.27225723	2.3576704	21	—	—
184613 2005 RV_{8}	16.0	X	168.08693	328.83551	18.86019	5.39889	0.1291928	0.21359704	2.7716553	21	2 3.1	20.3
184614 2005 RC_{9}	15.4	X	194.26706	325.00614	24.09482	12.99427	0.2416548	0.21819301	2.7325964	21	3 6.6	20.3
184615 2005 RD_{10}	16.0	X	19.40652	308.99455	43.57610	9.77556	0.2849136	0.25442914	2.4665589	21	12 18.4	18.9
184616 2005 RE_{11}	14.9	X	81.68371	59.72868	226.38235	9.34162	0.0489073	0.18881262	3.0091838	21	10 27.8	19.2
184617 2005 RJ_{12}	16.3	X	261.69384	249.83990	339.35624	3.33383	0.0444570	0.21328660	2.7743441	21	—	—
184618 2005 RJ_{16}	16.2	X	347.40840	173.77610	164.58766	3.43261	0.0836731	0.18332833	3.0689018	21	8 28.5	20.0
184619 2005 RS_{21}	16.2	X	169.93252	125.36392	189.24687	2.97857	0.1621451	0.21112286	2.7932676	21	—	—
184620 Pippobattaglia	15.3	X	323.94603	272.50554	158.11391	11.32094	0.0685954	0.19331287	2.9622989	21	11 25.5	19.3
184621 2005 RD_{26}	16.1	X	104.56016	351.01769	350.40515	1.52076	0.0730837	0.20331665	2.8643148	21	—	—
184622 2005 RN_{26}	16.3	X	198.52283	128.61534	187.99328	3.16128	0.1897532	0.21707057	2.7420082	21	1 24.5	21.0
184623 2005 RS_{26}	15.3	X	295.97256	18.88273	6.36597	18.18778	0.1463658	0.17836407	3.1255838	21	8 11.5	19.7
184624 2005 RT_{29}	15.7	X	9.42102	15.36573	352.39471	8.31013	0.0343761	0.18933643	3.0036311	21	11 2.2	19.8
184625 2005 RX_{32}	16.1	X	235.50241	319.89367	6.92963	7.73169	0.2067961	0.22328383	2.6909019	21	3 8.5	20.5
184626 2005 RH_{40}	16.2	X	211.00378	277.42940	17.25707	3.73184	0.0792344	0.21514183	2.7583718	21	1 9.6	20.3
184627 2005 RX_{43}	16.4	X	129.70893	297.07959	131.21374	4.66242	0.0660398	0.21823022	2.7322858	21	3 24.9	20.2
184628 2005 RU_{45}	15.7	X	178.42080	113.22361	60.15547	6.96431	0.0877551	0.18352212	3.0667410	21	10 1.7	20.5
184629 2005 SX_{1}	16.5	X	326.62730	195.25650	129.64116	5.47152	0.0754857	0.23847215	2.5753975	21	7 9.8	19.5
184630 2005 SS_{2}	16.0	X	130.30276	153.16553	163.44215	2.05956	0.0989304	0.20269162	2.8702002	21	—	—
184631 2005 SK_{4}	15.9	X	158.40699	328.21424	10.63130	21.20499	0.1688703	0.21035479	2.8000629	21	1 23.5	20.7
184632 2005 SO_{9}	16.7	X	187.05584	107.03672	195.96307	6.18529	0.2359071	0.27443886	2.3451591	21	—	—
184633 2005 SU_{11}	15.5	X	251.18903	2.08072	82.58938	2.26113	0.1468078	0.17643583	3.1483152	21	8 22.5	20.2
184634 2005 SB_{12}	14.8	X	317.72543	351.38087	25.26524	12.12961	0.2186702	0.17965669	3.1105734	21	8 23.5	18.5
184635 2005 SG_{12}	16.7	X	170.18931	223.44978	85.29324	6.04742	0.1503728	0.27267797	2.3552446	21	—	—
184636 2005 SD_{13}	15.4	X	294.02226	217.90187	192.58983	16.27691	0.1568250	0.18044272	3.1015335	21	8 28.7	19.6
184637 2005 SL_{14}	15.7	X	86.66625	348.47967	29.81281	9.71897	0.1373446	0.20604122	2.8390082	21	—	—
184638 2005 SS_{15}	15.2	X	109.83519	214.48710	356.45861	10.37693	0.0572861	0.17890253	3.1193090	21	8 31.8	19.7
184639 2005 SX_{18}	15.4	X	296.93226	8.05300	12.61521	5.65975	0.1435659	0.17679504	3.1440492	21	7 31.9	19.6
184640 2005 SF_{20}	15.3	X	230.25125	319.41760	37.96904	13.65277	0.1662566	0.22429413	2.6828154	21	4 12.6	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184641 2005 SG_{20}	16.0	X	163.88520	216.34833	136.12532	4.31417	0.1050968	0.21141416	2.7907012	21	1 31.9	20.2
184642 2005 SX_{20}	15.2	X	46.20943	132.26349	189.99936	15.74631	0.1088080	0.18616676	3.0376282	21	11 8.3	19.4
184643 2005 SB_{21}	16.0	X	127.95492	222.41822	199.81698	8.64097	0.1734058	0.21748853	2.7384941	21	3 25.9	20.2
184644 2005 SJ_{22}	16.1	X	133.72796	356.00551	37.91032	6.01012	0.1122077	0.21462768	2.7627753	21	2 21.9	20.1
184645 2005 ST_{22}	15.8	X	125.41357	217.59074	91.27099	3.35900	0.0437004	0.20022851	2.8936907	21	—	—
184646 2005 SC_{24}	16.1	X	168.71052	306.01669	44.29593	6.45405	0.1705145	0.21485070	2.7608631	21	2 10.3	20.6
184647 2005 SM_{24}	15.2	X	288.82853	339.36586	45.48966	11.84850	0.0781541	0.17730950	3.1379647	21	8 7.3	19.7
184648 2005 SY_{26}	16.8	X	117.50623	202.52468	125.34193	2.92746	0.1923945	0.26580281	2.3956848	21	—	—
184649 2005 SQ_{29}	16.0	X	190.48729	24.91171	273.61197	3.09948	0.0845496	0.20926312	2.8097925	21	—	—
184650 2005 SG_{31}	17.3	X	151.04850	27.20948	283.87569	0.46201	0.1920888	0.26991918	2.3712657	21	—	—
184651 2005 SX_{31}	16.3	X	79.96482	281.92234	85.11401	3.17911	0.0800513	0.19956514	2.9000997	21	—	—
184652 2005 SD_{33}	14.9	X	193.16624	51.37781	50.56678	6.72517	0.0971853	0.16992557	3.2282232	21	7 18.4	19.9
184653 2005 SQ_{34}	15.6	X	248.90659	56.22228	41.91345	8.83568	0.1333112	0.17861320	3.1226766	21	9 10.9	20.3
184654 2005 SF_{35}	16.3	X	38.81038	278.71634	116.51146	3.11893	0.0781189	0.19694330	2.9257816	21	—	—
184655 2005 SQ_{35}	15.9	X	318.65578	314.61577	92.90987	3.44369	0.0500995	0.18487567	3.0517542	21	10 18.1	19.9
184656 2005 SW_{35}	16.1	X	112.37606	265.98491	140.62481	4.27450	0.0963167	0.21123798	2.7922526	21	2 7.7	19.8
184657 2005 SX_{39}	16.0	X	320.97221	237.63530	22.88345	2.50132	0.0426209	0.22455720	2.6807196	21	4 7.3	19.3
184658 2005 SO_{40}	15.6	X	264.44983	241.27441	161.72264	1.63238	0.1909709	0.17416119	3.1756682	21	7 9.4	20.3
184659 2005 SJ_{41}	15.9	X	329.16889	341.36716	321.29758	4.01735	0.1310518	0.17205891	3.2014836	21	6 7.7	19.8
184660 2005 SK_{47}	16.2	X	244.18936	321.05695	322.87937	2.37402	0.0649198	0.21521173	2.7577745	21	1 31.4	20.2
184661 2005 SW_{51}	15.5	X	288.24238	205.43160	205.49784	8.47476	0.0848835	0.17776248	3.1326315	21	8 31.9	19.9
184662 2005 SE_{52}	15.1	X	39.52762	286.79150	33.56097	12.40179	0.0309486	0.18316196	3.0707599	21	10 16.7	19.2
184663 2005 SM_{52}	16.1	X	55.45101	116.04370	342.01662	4.93629	0.0599326	0.21592909	2.7516632	21	1 21.5	19.5
184664 2005 SK_{55}	15.2	X	280.60587	8.34200	26.43087	5.53202	0.1986645	0.17487272	3.1670481	21	7 18.7	19.6
184665 2005 SX_{55}	16.6	X	158.47880	137.18988	172.19200	1.95469	0.0529567	0.20349610	2.8626307	21	—	—
184666 2005 SQ_{58}	15.5	X	154.76582	252.87909	12.85008	10.39358	0.0764751	0.19645636	2.9306142	21	12 25.3	20.1
184667 2005 SO_{59}	16.1	X	118.05583	327.39507	27.64144	2.28420	0.0045504	0.20395430	2.8583417	21	—	—
184668 2005 SK_{60}	15.9	X	56.98842	20.56056	276.34933	0.39469	0.0652460	0.18703070	3.0282667	21	10 13.3	19.8
184669 2005 SF_{61}	16.5	X	305.95738	150.09079	185.09107	2.25374	0.0598840	0.23420960	2.6065511	21	6 24.2	19.8
184670 2005 SP_{61}	16.2	X	295.73245	133.65000	192.86096	7.41628	0.2123660	0.23324445	2.6137367	21	5 5.2	19.8
184671 2005 SW_{62}	16.0	X	196.59981	295.92525	22.14720	5.06731	0.1581076	0.21388374	2.7691780	21	1 26.5	20.5
184672 2005 SL_{64}	16.3	X	266.06318	92.11271	39.02848	1.33429	0.0340053	0.19080768	2.9881713	21	11 22.7	20.2
184673 2005 SX_{64}	15.3	X	27.01062	319.85917	339.08555	8.60850	0.0459732	0.18108136	3.0942368	21	9 2.6	19.5
184674 2005 SC_{65}	16.0	X	186.05305	17.05788	336.98561	4.58491	0.1281502	0.21843897	2.7305448	21	2 25.3	20.0
184675 2005 SQ_{71}	15.6	X	23.27602	215.92723	124.21823	2.70898	0.1422240	0.18867551	3.0106414	21	11 2.9	19.2
184676 2005 SC_{75}	15.5	X	325.15757	279.78481	359.63355	5.32022	0.0755558	0.16803918	3.2523381	21	5 7.6	19.8
184677 2005 SJ_{77}	16.1	X	220.14445	287.90691	149.66077	1.81100	0.1790676	0.17136694	3.2100960	21	7 9.2	21.3
184678 2005 SU_{77}	16.3	X	207.44209	220.24155	33.79025	2.40565	0.0172904	0.20372260	2.8605085	21	—	—
184679 2005 SM_{78}	16.2	X	297.92859	0.27441	134.25626	2.81584	0.0229701	0.19849499	2.9105139	21	—	—
184680 2005 ST_{79}	16.2	X	6.80749	258.38209	40.77276	1.54817	0.0298840	0.17701316	3.1414659	21	8 5.2	20.3
184681 2005 SB_{81}	15.9	X	79.31433	275.93154	19.20914	8.95710	0.0843674	0.19049625	2.9914271	21	11 8.6	20.3
184682 2005 SF_{84}	14.5	X	253.05194	81.40036	192.62330	10.08964	0.0423618	0.15244803	3.4704689	21	2 7.7	19.7
184683 2005 SL_{85}	16.0	X	182.16697	31.24602	189.59901	9.64073	0.0143682	0.19289184	2.9666079	21	12 4.6	20.3
184684 2005 SS_{85}	16.1	X	297.07459	192.12737	27.30812	4.02557	0.0382365	0.21262456	2.7801001	21	1 17.3	19.9
184685 2005 SN_{86}	16.5	X	81.52743	244.68503	145.11477	2.70457	0.0736794	0.20410931	2.8568943	21	—	—
184686 2005 SP_{87}	16.5	X	251.68643	56.62024	164.31912	2.25650	0.0313193	0.20544175	2.8445282	21	—	—
184687 2005 SR_{87}	15.3	X	7.05674	116.73722	187.17179	10.62852	0.0133715	0.17667276	3.1454998	21	8 7.9	19.8
184688 2005 SS_{90}	16.3	X	260.84940	224.68405	49.17303	2.11106	0.1702232	0.21697424	2.7428197	21	1 28.9	20.6
184689 2005 SL_{95}	16.6	X	266.71113	246.48860	31.51967	3.50717	0.0500077	0.21869443	2.7284180	21	2 20.6	20.4
184690 2005 SV_{95}	16.1	X	106.86592	191.17369	152.82532	2.54228	0.0527422	0.20176353	2.8789951	21	—	—
184691 2005 SV_{97}	16.6	X	135.08704	249.68268	55.64454	5.08140	0.1646669	0.26512688	2.3997548	21	—	—
184692 2005 SJ_{101}	15.2	X	119.08960	38.92077	216.44983	11.21180	0.0465145	0.18747758	3.0234525	21	11 2.9	19.4
184693 2005 SG_{103}	16.0	X	180.51484	124.15012	212.93562	3.05864	0.1022548	0.21305491	2.7763551	21	1 29.1	20.2
184694 2005 SL_{104}	15.3	X	279.00474	194.50577	197.15418	11.33253	0.0776745	0.17422018	3.1749514	21	7 26.4	19.9
184695 2005 ST_{104}	15.5	X	298.10003	160.68038	176.73473	6.47396	0.1189568	0.17075216	3.2177966	21	6 9.4	19.9
184696 2005 SO_{111}	16.0	X	34.49303	35.28632	215.82495	13.04888	0.1473378	0.23581563	2.5947030	21	7 21.7	19.2
184697 2005 SG_{114}	15.9	X	283.54668	254.10674	6.99467	7.79412	0.1520937	0.22105693	2.7089436	21	2 7.9	19.9
184698 2005 SJ_{114}	15.5	X	318.12940	202.80483	198.48124	21.53737	0.1314796	0.18374469	3.0642640	21	9 29.9	19.3
184699 2005 SK_{115}	15.8	X	165.73750	199.94525	11.95862	9.19880	0.0700282	0.18876476	3.0096923	21	10 30.6	20.4
184700 2005 SV_{115}	15.8	X	348.91933	11.81990	357.35056	2.82200	0.1676489	0.18456673	3.0551587	21	10 12.5	19.2
184701 2005 SN_{117}	15.9	X	225.00472	219.29878	128.47399	6.62722	0.0452794	0.22402428	2.6849693	21	4 1.8	19.7
184702 2005 SH_{122}	15.4	X	283.57682	92.09306	206.82820	12.24309	0.0343339	0.22458206	2.6805218	21	4 8.3	18.9
184703 2005 SD_{123}	16.1	X	122.74853	9.14248	32.04183	4.37058	0.1066097	0.21366754	2.7710457	21	2 16.7	19.9
184704 2005 SG_{123}	14.9	X	343.26277	314.69063	1.57956	10.87249	0.0842998	0.17597222	3.1538424	21	7 26.8	19.0
184705 2005 SJ_{123}	16.0	X	227.22535	107.46575	214.78275	4.08084	0.1855800	0.22122560	2.7075665	21	2 22.2	20.6
184706 2005 SQ_{129}	15.8	X	178.02129	356.21525	24.72103	4.39430	0.1018628	0.21850379	2.7300047	21	3 21.9	19.9
184707 2005 SL_{131}	16.4	X	97.83235	212.89258	223.12279	1.74539	0.0426821	0.21361200	2.7715259	21	2 17.2	20.0
184708 2005 SD_{134}	16.5	X	243.45967	145.11851	192.22167	2.32278	0.0899959	0.22295841	2.6935196	21	4 3.6	20.5
184709 2005 SA_{138}	15.3	X	297.67865	91.61807	344.02506	14.18892	0.0866062	0.19102047	2.9859517	21	10 14.0	19.3
184710 2005 SL_{138}	16.1	X	220.18997	99.89760	182.13831	8.99216	0.1371356	0.21300748	2.7767673	21	1 2.7	20.7
184711 2005 SV_{140}	16.8	X	227.73160	299.36778	54.99224	2.90162	0.1028446	0.22475414	2.6791534	21	4 8.0	20.7
184712 2005 SA_{141}	15.8	X	327.32175	232.11411	118.32037	2.62776	0.0516465	0.17777620	3.1324703	21	8 15.8	19.8
184713 2005 SR_{147}	15.9	X	80.06659	218.18159	59.97726	2.32689	0.1112760	0.18559598	3.0438530	21	10 25.1	20.2
184714 2005 SJ_{150}	15.9	X	165.66672	45.42427	118.68822	2.21115	0.0815346	0.17654741	3.1469884	21	9 4.3	20.6
184715 2005 SD_{153}	16.8	X	336.23821	298.24122	28.67045	5.60999	0.2274763	0.23965709	2.5669015	21	7 17.3	18.9
184716 2005 SG_{155}	15.6	X	21.60168	294.85795	41.36210	13.72501	0.2932867	0.25232911	2.4802254	21	11 28.8	18.4
184717 2005 SV_{157}	16.5	X	101.05569	176.37243	170.29854	2.40511	0.0529664	0.20017326	2.8942231	21	—	—
184718 2005 SU_{160}	15.5	X	130.54675	342.21157	195.96520	7.03247	0.0878046	0.17559858	3.1583145	21	8 12.9	20.4
184719 2005 SC_{162}	16.0	X	42.13831	317.77842	1.85707	8.98958	0.1153639	0.18699904	3.0286085	21	10 27.0	20.1
184720 2005 SH_{162}	16.4	X	184.18646	356.51762	201.53314	4.50602	0.0507206	0.18916968	3.0053960	21	11 6.1	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184721 2005 SG_{163}	16.4	X	303.93018	132.67372	183.57198	8.56990	0.1916487	0.23314552	2.6144760	21	5 6.3	19.7
184722 2005 SP_{164}	16.1	X	258.74286	151.63877	181.87815	7.56794	0.2464680	0.22695430	2.6618103	21	3 31.9	20.4
184723 2005 SQ_{165}	15.3	X	293.64072	252.58302	143.09127	11.02301	0.1914943	0.17897277	3.1184928	21	8 6.1	19.2
184724 2005 SU_{166}	16.0	X	175.15763	206.86167	104.63882	8.96043	0.2317421	0.27351018	2.3504646	21	—	—
184725 2005 SE_{170}	15.4	X	316.99366	33.33224	308.58243	9.00420	0.1321516	0.17799426	3.1299114	21	7 11.7	19.3
184726 2005 SQ_{172}	16.1	X	229.78160	242.00067	343.81175	8.97804	0.0191829	0.20294724	2.8677896	21	—	—
184727 2005 SQ_{173}	15.4	X	245.37599	227.88416	187.99798	10.55591	0.0865554	0.17589136	3.1548088	21	7 15.5	20.2
184728 2005 SX_{176}	15.9	X	276.50895	258.84907	355.37001	8.81941	0.1928473	0.21814780	2.7329740	21	1 19.6	20.3
184729 2005 SV_{179}	16.6	X	173.44422	320.27797	7.75134	6.16051	0.0432055	0.21153541	2.7896346	21	1 8.5	20.6
184730 2005 SM_{180}	15.9	X	306.15759	184.80153	182.75856	9.57008	0.1145309	0.17874139	3.1211835	21	7 28.5	20.1
184731 2005 SY_{180}	16.0	X	210.05296	178.72397	328.71322	4.27194	0.0317703	0.18368889	3.0648846	21	10 3.5	20.3
184732 2005 SG_{185}	16.3	X	198.27201	161.49395	15.81992	2.70667	0.0784615	0.18906559	3.0064989	21	10 24.6	20.7
184733 2005 SF_{186}	16.0	X	236.74866	158.03162	173.56098	5.59379	0.0813552	0.22224974	2.6992423	21	3 21.0	19.9
184734 2005 SC_{190}	15.8	X	15.08899	166.75844	158.51916	1.75711	0.0968290	0.18231451	3.0802684	21	9 24.9	19.5
184735 2005 SL_{192}	15.4	X	18.92092	144.36520	192.14466	1.43331	0.2375430	0.18517154	3.0485025	21	11 3.0	18.6
184736 2005 SV_{204}	17.1	X	139.64379	203.56151	102.70103	3.47608	0.2130416	0.26682024	2.3895908	21	—	—
184737 2005 SA_{205}	16.0	X	142.49926	230.73233	136.28546	5.07764	0.2151009	0.21177629	2.7875190	21	2 7.7	20.2
184738 2005 SS_{207}	15.5	X	215.33831	193.56390	351.77345	10.32736	0.0471784	0.19108390	2.9852909	21	11 22.9	19.9
184739 2005 SO_{210}	15.1	X	242.54838	273.74537	222.69677	9.00833	0.0445903	0.18846712	3.0128602	21	10 29.0	19.3
184740 2005 SS_{217}	15.3	X	23.17361	46.18964	195.45287	13.08945	0.1292659	0.23041783	2.6350690	21	6 17.7	18.4
184741 2005 SU_{217}	15.5	X	195.36362	249.37776	67.34545	5.33735	0.0596805	0.21045115	2.7992081	21	1 20.3	19.6
184742 2005 SA_{225}	15.6	X	334.82835	117.38758	194.46747	3.61975	0.1249086	0.17331052	3.1860513	21	6 30.2	19.5
184743 2005 SE_{230}	16.1	X	313.09970	203.60729	203.44191	1.79621	0.0703969	0.18458624	3.0549434	21	10 6.2	19.9
184744 2005 SB_{238}	15.5	X	339.30337	260.44790	15.91220	8.62332	0.1562163	0.22992814	2.6388091	21	5 10.1	18.4
184745 2005 SD_{245}	16.1	X	176.07278	193.14375	22.15978	0.93932	0.1709073	0.19149081	2.9810603	21	11 12.9	20.9
184746 2005 SU_{246}	16.2	X	173.87018	342.50931	212.82166	9.10491	0.0388825	0.18514685	3.0487735	21	10 21.5	20.7
184747 2005 SA_{247}	14.8	X	68.86241	198.57449	24.05463	16.59266	0.0207592	0.17113657	3.2129762	21	7 23.9	19.6
184748 2005 SE_{247}	15.6	X	196.10775	301.61313	203.63742	9.21485	0.0371325	0.17911810	3.1168057	21	9 13.1	20.1
184749 2005 SK_{247}	16.2	X	329.53105	52.87168	205.38124	3.46325	0.0697227	0.22446548	2.6814499	21	4 12.6	19.6
184750 2005 SM_{248}	16.5	X	334.39263	39.59639	182.88452	13.43694	0.1433474	0.22324724	2.6911959	21	2 18.2	19.9
184751 2005 SQ_{249}	16.1	X	244.52278	207.39440	78.40612	4.10347	0.0512604	0.21677955	2.7444617	21	2 4.7	20.1
184752 2005 SM_{252}	16.4	X	200.88167	134.17276	151.52304	7.41208	0.1956260	0.21296986	2.7770943	21	—	—
184753 2005 SF_{253}	15.6	X	205.46184	323.04571	64.07152	7.46880	0.1717184	0.22443853	2.6816645	21	4 25.9	20.1
184754 2005 SJ_{253}	15.1	X	317.84447	5.95561	35.74454	9.96020	0.0908417	0.18038454	3.1022004	21	10 6.9	19.0
184755 2005 SS_{254}	15.5	X	352.64944	289.81493	352.33320	7.29705	0.0593011	0.17527238	3.1622320	21	6 23.2	19.8
184756 2005 SX_{254}	16.2	X	23.28750	107.53384	146.59458	7.47921	0.0910834	0.23853417	2.5749511	21	7 3.4	19.2
184757 2005 SN_{255}	15.7	X	266.26726	5.22400	31.72118	5.04766	0.1707682	0.17564063	3.1578105	21	7 7.4	20.3
184758 2005 SN_{257}	15.2	X	222.58077	42.27866	35.85384	11.39254	0.0934758	0.17305263	3.1892159	21	7 21.6	20.2
184759 2005 SK_{263}	16.1	X	175.38708	202.03814	28.82555	10.60244	0.0487328	0.19378710	2.9574640	21	12 4.3	20.5
184760 2005 SX_{266}	16.2	X	262.34496	25.15793	220.65260	3.51615	0.0091241	0.21255229	2.7807302	21	1 9.8	20.0
184761 2005 SR_{268}	15.8	X	107.86658	277.29358	115.05007	4.95914	0.1062356	0.20903080	2.8118741	21	1 17.1	19.3
184762 2005 SG_{278}	16.1	X	280.81262	237.97645	183.33012	5.37303	0.1277720	0.17897906	3.1184198	21	8 30.5	20.4
184763 2005 SZ_{278}	15.6	X	211.20807	246.22477	267.17233	3.38226	0.0590740	0.18370154	3.0647439	21	10 9.6	20.2
184764 2005 SL_{279}	16.3	X	287.42891	80.52015	184.29726	12.77828	0.1295317	0.22367769	2.6877421	21	2 13.6	20.4
184765 2005 SO_{285}	16.3	X	277.41420	135.06873	113.99509	13.56864	0.1547262	0.21251074	2.7810926	21	1 16.6	20.3
184766 2005 TO_{3}	16.3	X	268.04943	162.71888	177.02526	13.72555	0.2584719	0.23044730	2.6348443	21	4 17.3	20.5
184767 2005 TR_{4}	16.3	X	183.66851	271.17399	66.00276	1.42431	0.0761790	0.21303245	2.7765502	21	2 1.3	20.4
184768 2005 TS_{7}	16.0	X	113.73611	180.64387	61.48151	2.57848	0.1300121	0.18493856	3.0510623	21	10 19.3	20.7
184769 2005 TZ_{8}	15.7	X	117.55219	166.35994	86.46034	2.56875	0.0640470	0.18666378	3.0322337	21	10 31.1	20.2
184770 2005 TU_{9}	15.8	X	291.56873	187.80316	40.69033	5.47259	0.0913411	0.21249219	2.7812545	21	1 15.1	19.9
184771 2005 TO_{10}	15.2	X	22.87810	358.13488	359.42709	11.66522	0.0637721	0.18763757	3.0217336	21	11 9.1	19.4
184772 2005 TY_{13}	15.6	X	358.59064	209.86786	150.65029	3.26938	0.0793778	0.18658825	3.0330520	21	10 15.8	19.3
184773 2005 TC_{16}	16.2	X	145.28581	162.57852	160.20970	3.98350	0.0902915	0.20981512	2.8048622	21	—	—
184774 2005 TG_{17}	15.9	X	110.91415	231.02710	120.67286	3.12116	0.0780748	0.20375047	2.8602477	21	—	—
184775 2005 TH_{18}	15.8	X	338.12264	180.92811	180.39312	5.28081	0.1650780	0.18119380	3.0929566	21	9 9.9	19.2
184776 2005 TN_{18}	16.0	X	152.87758	224.58313	174.11932	3.38541	0.1075555	0.21593660	2.7515995	21	3 17.4	19.9
184777 2005 TL_{26}	15.6	X	115.66503	238.08912	40.09816	11.33221	0.1080778	0.18961901	3.0006463	21	11 29.3	20.3
184778 Kevinoberheim	15.9	X	222.35086	166.33494	167.51360	6.60095	0.0456676	0.21838182	2.7310211	21	3 9.9	19.7
184779 Bericoberheim	15.6	X	63.24919	18.84825	37.76327	11.78798	0.1186804	0.20322011	2.8652219	21	—	—
184780 2005 TN_{28}	14.4	X	27.49460	301.53072	123.20488	3.48560	0.1826707	0.12504530	3.9605710	21	—	—
184781 2005 TW_{29}	16.0	X	335.61353	242.12583	146.83443	2.16730	0.1566373	0.18602586	3.0391619	21	10 15.8	19.2
184782 2005 TT_{33}	16.9	X	293.41457	207.28619	49.28257	3.62169	0.0165039	0.21913077	2.7247948	21	3 3.0	20.6
184783 2005 TU_{39}	16.3	X	321.52750	219.18376	104.65465	2.99569	0.2033595	0.23618551	2.5919934	21	6 11.6	19.0
184784 Bettiepage	15.2	X	318.20621	186.37449	202.09821	8.57599	0.0713117	0.18188710	3.0850919	21	9 17.7	19.2
184785 2005 TP_{47}	16.4	X	297.39008	272.22299	20.86657	2.25848	0.1841206	0.22612965	2.6682778	21	3 28.2	19.8
184786 2005 TE_{53}	16.7	X	70.66673	9.96137	350.74546	1.24782	0.1298146	0.19729058	2.9223472	21	—	—
184787 2005 TH_{54}	15.8	X	53.41780	299.58747	177.71825	5.59676	0.0173567	0.21334161	2.7738673	21	2 7.9	19.5
184788 2005 TL_{55}	15.4	X	309.33456	289.32620	48.52555	5.96566	0.1799218	0.17190520	3.2033917	21	6 15.9	19.4
184789 2005 TY_{56}	15.6	X	15.80124	214.59013	74.44709	2.12417	0.1246237	0.17691324	3.1426487	21	8 11.1	19.4
184790 2005 TD_{57}	16.7	X	207.92737	203.44200	338.69088	1.03385	0.0419097	0.19033783	2.9930868	21	11 13.6	20.9
184791 2005 TM_{58}	16.1	X	122.07724	237.63070	53.00400	1.77869	0.0740212	0.19365628	2.9587958	21	12 20.7	20.6
184792 2005 TT_{63}	15.5	X	294.63482	181.99719	205.25966	7.57948	0.0444557	0.17711544	3.1402563	21	8 15.7	19.9
184793 2005 TJ_{64}	16.7	X	93.91354	178.85951	203.30500	1.45271	0.0761264	0.20354507	2.8621716	21	—	—
184794 2005 TK_{64}	16.3	X	76.48213	332.61905	32.14309	1.75148	0.0630867	0.19780142	2.9173135	21	—	—
184795 2005 TR_{74}	16.0	X	130.62107	239.95272	161.89311	6.83877	0.1817071	0.21363310	2.7713435	21	3 6.1	20.2
184796 2005 TO_{81}	15.6	X	300.51990	222.24482	210.10258	10.78592	0.0396625	0.18650324	3.0339735	21	10 24.2	19.5
184797 2005 TQ_{85}	15.5	X	141.79245	329.59174	215.93502	9.00702	0.0686823	0.17809725	3.1287046	21	8 31.9	20.4
184798 2005 TW_{87}	16.9	X	321.90165	241.65768	35.59247	3.74694	0.1770940	0.23054348	2.6341115	21	4 10.8	19.9
184799 2005 TE_{90}	16.5	X	330.55475	264.52690	17.89056	3.10518	0.1908490	0.23013297	2.6372430	21	4 29.4	19.2
184800 2005 TV_{98}	16.0	X	14.56176	101.53464	200.27298	10.44525	0.0962601	0.17960101	3.1112162	21	8 20.0	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184801 2005 TE_{101}	16.2	X	156.62128	227.36612	109.95723	1.78852	0.1151517	0.20832174	2.8182509	21	1 7.9	20.2
184802 2005 TH_{101}	15.2	X	342.71549	214.34631	178.19020	9.58537	0.1473164	0.18539194	3.0460860	21	11 3.9	18.7
184803 2005 TB_{110}	15.7	X	67.22406	250.35205	319.34518	3.35668	0.0183430	0.17113836	3.2129537	21	6 30.1	20.2
184804 2005 TF_{112}	15.6	X	68.01800	219.73916	350.10749	4.48428	0.0739126	0.17096782	3.2150899	21	7 9.7	20.0
184805 2005 TX_{115}	15.9	X	130.07184	22.78457	262.10327	1.07593	0.0914271	0.19675035	2.9276942	21	12 23.2	20.2
184806 2005 TH_{121}	15.8	X	52.45821	164.98521	72.82403	2.36443	0.1387213	0.17357238	3.1828461	21	8 2.8	20.0
184807 2005 TK_{122}	16.6	X	246.52931	117.80583	26.68119	1.19397	0.0829380	0.18902646	3.0069139	21	11 7.7	20.8
184808 2005 TX_{122}	15.9	X	66.62510	108.39560	146.59364	1.10059	0.1234611	0.17981007	3.1088042	21	9 10.9	20.2
184809 2005 TQ_{124}	16.3	X	86.63811	33.33933	323.19712	1.23879	0.0775555	0.19882113	2.9073302	21	—	—
184810 2005 TG_{126}	15.9	X	131.24454	43.11588	177.65565	2.18689	0.0928266	0.18270242	3.0759069	21	10 8.0	20.6
184811 2005 TX_{127}	16.0	X	194.95014	102.95948	9.09113	4.65054	0.1104935	0.17142116	3.2094190	21	8 1.5	21.1
184812 2005 TK_{129}	16.3	X	107.99609	143.04344	223.95917	1.21110	0.0780690	0.20348015	2.8627803	21	—	—
184813 2005 TU_{129}	16.1	X	215.33933	89.90660	29.25992	10.62948	0.0349777	0.17703463	3.1412119	21	9 10.0	20.7
184814 2005 TF_{135}	16.1	X	183.11946	267.84864	53.73683	3.18382	0.0623095	0.21112677	2.7932331	21	1 12.5	20.2
184815 2005 TP_{136}	16.6	X	40.65968	120.76323	77.48624	3.37607	0.0428617	0.22731936	2.6589597	21	5 9.8	19.8
184816 2005 TS_{136}	16.3	X	323.81250	97.95930	144.32618	4.32391	0.1580016	0.22389578	2.6859965	21	3 1.6	19.6
184817 2005 TJ_{140}	16.2	X	118.42488	282.32840	88.95006	3.06412	0.0469148	0.20678889	2.8321608	21	—	—
184818 2005 TX_{140}	16.5	X	340.03825	346.41088	116.33813	2.92168	0.0271299	0.19795505	2.9158040	21	—	—
184819 2005 TU_{160}	16.0	X	111.93706	87.47670	224.47333	8.98863	0.0443864	0.19544777	2.9406877	21	—	—
184820 2005 TR_{162}	15.8	X	175.16096	24.70745	249.75494	2.94188	0.0805934	0.20027101	2.8932813	21	—	—
184821 2005 TY_{162}	16.0	X	52.03047	355.43442	322.80123	2.16133	0.1628956	0.18825532	3.0151196	21	11 16.1	20.1
184822 2005 TK_{167}	15.9	X	251.79756	169.43967	29.81391	5.07000	0.0588678	0.19827623	2.9126543	21	—	—
184823 2005 TX_{170}	15.3	X	76.53448	173.47130	28.13489	7.15836	0.0485565	0.16746786	3.2597308	21	7 6.7	19.9
184824 2005 TA_{178}	15.2	X	297.56179	260.43991	153.11963	10.18072	0.0875002	0.18455811	3.0552538	21	9 22.4	19.2
184825 2005 TZ_{178}	15.5	X	181.22581	240.85106	217.51679	6.16795	0.0993430	0.17015824	3.2252798	21	6 30.1	20.6
184826 2005 TE_{190}	16.1	X	349.73586	289.87320	347.10221	12.25137	0.1575289	0.23376438	2.6098597	21	5 31.1	19.0
184827 2005 TP_{190}	16.4	X	330.60788	81.69991	173.21103	2.51185	0.0635929	0.22515064	2.6760071	21	4 11.0	19.7
184828 2005 TX_{191}	15.7	X	54.62034	160.99990	139.62340	5.18766	0.1447762	0.18677386	3.0310422	21	10 28.7	19.9
184829 2005 UJ	13.1	X	33.02069	144.56532	79.38170	4.67497	0.0466741	0.08377053	5.1729930	21	6 8.5	19.7
184830 2005 UQ_{6}	16.3	X	165.06169	273.75030	55.19035	5.40030	0.3351539	0.27230146	2.3574151	21	1 15.6	20.4
184831 2005 UY_{8}	15.1	X	54.76131	36.82879	183.28502	14.69866	0.1138476	0.23345615	2.6121563	21	7 8.2	18.6
184832 2005 UV_{9}	15.9	X	347.59588	242.72336	129.45157	2.38056	0.1584384	0.18369659	3.0647989	21	10 15.4	19.2
184833 2005 UA_{10}	15.6	X	294.79309	201.78938	181.26744	10.70574	0.2276804	0.17574237	3.1565916	21	7 15.1	19.9
184834 2005 UP_{14}	15.7	X	64.43388	168.50936	61.44584	3.00275	0.0701954	0.17040332	3.2221865	21	7 30.4	20.1
184835 2005 UG_{21}	15.7	X	136.35475	196.08296	0.33465	4.35902	0.0702673	0.17661561	3.1461783	21	9 12.1	20.5
184836 2005 UV_{22}	15.8	X	56.14408	352.88201	313.12664	1.96831	0.0699107	0.18382576	3.0633631	21	10 23.1	19.9
184837 2005 UD_{26}	15.9	X	28.18967	130.17430	203.05432	1.35166	0.0811541	0.18323996	3.0698885	21	10 22.4	20.0
184838 2005 UX_{33}	15.0	X	102.84809	4.94315	228.67509	17.69322	0.2094391	0.17656555	3.1467729	21	9 30.2	20.3
184839 2005 UT_{36}	15.7	X	327.20678	116.91215	228.07358	4.57211	0.0975274	0.17352781	3.1833910	21	8 2.4	19.8
184840 2005 UL_{37}	15.1	X	359.48273	296.61124	59.99628	11.04892	0.0567804	0.17920922	3.1157492	21	10 13.2	19.3
184841 2005 US_{38}	15.7	X	80.97752	142.84617	157.37400	1.33400	0.1768721	0.18627898	3.0364082	21	11 28.8	20.3
184842 2005 UY_{38}	15.2	X	75.86386	204.06027	67.53890	6.44506	0.1058912	0.17832888	3.1259949	21	10 12.8	19.7
184843 2005 UO_{42}	15.3	X	304.87407	327.81126	39.57793	2.08217	0.1179347	0.17432789	3.1736434	21	7 28.6	19.3
184844 2005 UB_{45}	16.4	X	259.10703	111.81218	158.27709	3.66743	0.0706059	0.21155067	2.7895006	21	1 30.3	20.4
184845 2005 UP_{45}	15.5	X	222.71238	120.63741	201.01333	6.46260	0.0432605	0.21576912	2.7530231	21	2 21.5	19.6
184846 2005 UT_{45}	16.3	X	294.69165	284.58125	47.14542	4.25605	0.1314941	0.23175051	2.6249574	21	5 22.1	19.7
184847 2005 UR_{46}	15.9	X	116.59520	175.32391	142.69679	2.58566	0.0692827	0.19843884	2.9110629	21	—	—
184848 2005 UH_{49}	14.7	X	72.62050	29.57416	238.11912	14.61636	0.0500483	0.17973013	3.1097260	21	9 17.9	19.4
184849 2005 UE_{51}	15.9	X	119.42464	27.76152	308.32443	3.69431	0.1287104	0.20064786	2.8896575	21	—	—
184850 2005 UG_{53}	15.5	X	273.33521	339.78642	67.84177	6.03626	0.1570040	0.17375873	3.1805700	21	8 1.3	20.0
184851 2005 UT_{53}	16.1	X	256.10192	173.14461	177.23661	6.00101	0.1157429	0.22686363	2.6625195	21	5 2.9	20.0
184852 2005 UV_{53}	16.0	X	334.02073	257.89242	131.90262	1.79245	0.1741861	0.18275556	3.0753106	21	10 12.7	19.4
184853 2005 UM_{56}	15.2	X	134.77486	60.45146	220.75876	11.87661	0.0925561	0.19340533	2.9613547	21	12 22.3	19.9
184854 2005 UP_{57}	15.4	X	334.70363	48.12350	220.19013	12.47032	0.0942495	0.22663198	2.6643335	21	5 1.2	18.5
184855 2005 UK_{58}	15.7	X	92.16292	340.28708	277.81198	0.82441	0.0729818	0.17999170	3.1067125	21	10 8.0	20.2
184856 2005 UW_{61}	15.6	X	116.60097	192.74391	60.98231	3.91913	0.0316820	0.18189475	3.0850055	21	10 27.8	20.0
184857 2005 UF_{66}	14.4	X	29.91294	43.50717	292.79060	4.19981	0.2016613	0.12375071	3.9881448	21	11 1.6	19.5
184858 2005 UJ_{67}	15.7	X	307.88170	75.82405	195.16611	9.29102	0.0292832	0.22159980	2.7045176	21	4 5.5	19.4
184859 2005 UU_{72}	15.2	X	24.86634	281.60375	60.82603	4.47112	0.1502438	0.18431766	3.0579104	21	11 7.9	19.0
184860 2005 UD_{82}	16.7	X	118.09493	14.99655	350.93729	1.25004	0.0717718	0.20534447	2.8454265	21	—	—
184861 2005 UY_{86}	15.6	X	99.36862	78.90869	206.02833	8.34141	0.0555617	0.18760922	3.0220381	21	11 18.0	20.0
184862 2005 UU_{87}	15.7	X	26.00057	194.75810	124.32922	0.95293	0.0997744	0.18156316	3.0887605	21	10 3.7	19.5
184863 2005 UQ_{89}	15.2	X	77.87056	280.84433	12.53417	10.16762	0.0500705	0.18428266	3.0582976	21	10 30.0	19.6
184864 2005 UM_{95}	16.0	X	242.18961	190.76961	106.71264	3.37763	0.0734469	0.21367103	2.7710155	21	2 15.1	20.0
184865 2005 UA_{96}	15.9	X	62.71873	138.02794	119.07448	2.97821	0.0700315	0.17407111	3.1767637	21	8 31.9	20.3
184866 2005 UC_{97}	15.2	X	69.31820	206.15673	64.21339	10.85886	0.0613859	0.17787840	3.1312704	21	9 30.0	19.7
184867 2005 UD_{109}	15.3	X	334.25095	219.69259	167.72177	13.13890	0.1806591	0.18290880	3.0735928	21	10 11.4	18.6
184868 2005 UJ_{113}	16.6	X	194.61420	292.05779	345.28950	1.21052	0.0099295	0.19874447	2.9080777	21	—	—
184869 2005 UA_{115}	15.7	X	184.37313	187.32789	187.00570	14.41490	0.2155269	0.21791804	2.7348946	21	3 22.4	20.4
184870 2005 UB_{116}	16.5	X	221.38934	315.20176	18.06874	2.32337	0.0959855	0.21683433	2.7439995	21	3 7.3	20.5
184871 2005 UP_{127}	15.5	X	224.17694	178.41301	43.51717	10.38733	0.0423821	0.19557618	2.9394003	21	—	—
184872 2005 UR_{128}	15.1	X	62.36451	37.67134	306.62709	0.09623	0.0266315	0.12634688	3.9333238	21	11 30.8	20.7
184873 2005 UU_{140}	16.5	X	351.68374	79.24422	215.75535	3.27603	0.1883097	0.23526671	2.5987374	21	7 4.0	18.8
184874 2005 UQ_{160}	16.2	X	306.72762	226.75124	89.04119	6.95615	0.1928052	0.23224077	2.6212618	21	5 9.9	19.4
184875 2005 UP_{176}	16.4	X	201.24773	291.86557	30.99774	4.48704	0.2041223	0.21210817	2.7846104	21	2 6.2	21.1
184876 2005 UY_{178}	15.6	X	73.40962	204.22884	74.29455	6.37661	0.1326847	0.17991356	3.1076120	21	10 21.9	20.1
184877 2005 US_{182}	15.3	X	281.65697	341.91602	63.09003	3.21274	0.0891419	0.17243623	3.1968116	21	8 18.5	19.6
184878 Gotlib	16.2	X	113.71944	259.70663	60.78000	3.14475	0.1283076	0.19388380	2.9564806	21	—	—
184879 2005 UL_{194}	16.6	X	252.25800	82.42296	191.51783	3.70332	0.0673970	0.21218868	2.7839060	21	1 27.2	20.6
184880 2005 UE_{199}	16.3	X	253.15854	74.84924	194.05842	7.21187	0.1783574	0.21609950	2.7502164	21	1 13.9	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184881 2005 UR_{211}	16.3	X	143.42540	104.18658	139.61702	1.99018	0.1285436	0.18552468	3.0446328	21	11 17.9	21.2
184882 2005 UZ_{212}	15.1	X	313.09821	318.07318	60.54087	10.92281	0.0828047	0.17282752	3.1919846	21	9 3.1	19.5
184883 2005 UL_{213}	16.2	X	309.45453	171.26063	139.36644	6.83897	0.2230273	0.23335723	2.6128945	21	5 2.5	19.5
184884 2005 UF_{214}	15.9	X	57.80388	195.91950	126.45393	12.01269	0.2291621	0.18909008	3.0062394	21	12 9.3	20.5
184885 2005 UY_{214}	16.4	X	191.55590	206.34799	89.46298	6.65798	0.2708933	0.27356907	2.3501273	21	—	—
184886 2005 UT_{221}	15.7	X	103.49660	243.52713	5.55661	5.09653	0.1240409	0.18206038	3.0831341	21	10 14.9	20.3
184887 2005 UO_{226}	15.9	X	9.04168	264.16235	60.18442	2.08520	0.1701976	0.17905680	3.1175171	21	9 20.5	19.4
184888 2005 UW_{226}	15.8	X	147.09149	83.23411	209.24534	3.61740	0.0364563	0.19524802	2.9426930	21	—	—
184889 2005 UY_{234}	15.1	X	130.06364	148.29092	70.93791	10.13365	0.0939822	0.17801494	3.1296691	21	10 9.1	20.0
184890 2005 UZ_{236}	16.0	X	76.33627	285.08512	83.46813	7.73958	0.1530897	0.19640844	2.9310909	21	—	—
184891 2005 UM_{237}	15.9	X	65.16453	249.03145	104.97355	5.55168	0.0806829	0.19128974	2.9831489	21	—	—
184892 2005 UB_{244}	16.0	X	9.54004	45.59375	297.97593	4.39902	0.1601889	0.17954338	3.1118820	21	10 12.9	19.8
184893 2005 UN_{253}	15.5	X	215.55161	11.53921	177.78844	8.87750	0.0232546	0.18960149	3.0008311	21	12 4.6	19.9
184894 2005 UO_{254}	16.1	X	120.18371	143.33397	140.09579	2.20597	0.0891203	0.18934407	3.0035503	21	12 10.6	20.7
184895 2005 UO_{255}	15.4	X	168.66368	324.87822	153.99888	2.06088	0.1002568	0.16842740	3.2473384	21	7 12.9	20.5
184896 2005 UO_{256}	16.3	X	129.82653	255.07645	68.91877	3.02131	0.0653987	0.20140285	2.8824314	21	—	—
184897 2005 UV_{260}	16.3	X	249.90647	250.28977	74.36067	5.74331	0.1126644	0.21873297	2.7280975	21	3 27.1	20.4
184898 2005 UA_{263}	16.3	X	87.49009	231.59059	149.74489	2.48604	0.0784996	0.20334448	2.8640535	21	—	—
184899 2005 UF_{267}	16.3	X	151.96893	133.74801	147.94669	2.58232	0.1455799	0.19523412	2.9428326	21	—	—
184900 2005 UZ_{269}	15.6	X	340.38437	212.20129	32.67679	13.27079	0.1308892	0.22438042	2.6821275	21	4 6.3	18.6
184901 2005 UK_{280}	15.9	X	114.95345	126.14099	177.33786	1.71413	0.0766146	0.19286014	2.9669329	21	12 28.4	20.4
184902 2005 US_{296}	15.0	X	252.12360	29.59867	49.23570	9.66433	0.0588545	0.17313305	3.1882282	21	8 31.9	19.7
184903 2005 UW_{311}	15.6	X	176.95026	18.80204	187.85244	5.00631	0.1367377	0.18661826	3.0327268	21	11 5.3	20.4
184904 2005 UK_{321}	15.9	X	16.18681	204.68285	126.68484	2.90615	0.0642478	0.17894383	3.1188290	21	10 2.0	20.0
184905 2005 UX_{325}	15.8	X	196.63136	46.92132	89.67213	2.35750	0.1191722	0.17533842	3.1614379	21	9 1.4	20.8
184906 2005 UZ_{327}	16.7	X	288.25356	252.33087	71.53566	2.87008	0.1491696	0.23090199	2.6313842	21	5 1.1	20.2
184907 2005 UR_{334}	16.1	X	206.28772	217.66272	114.86713	2.69120	0.1626713	0.21250620	2.7811323	21	2 20.1	20.6
184908 2005 UL_{349}	15.4	X	23.93689	194.88122	184.03787	9.36243	0.1966499	0.18770944	3.0209623	21	12 28.7	19.4
184909 2005 UQ_{353}	15.3	X	18.41645	314.19824	10.22699	10.80674	0.0872767	0.17923255	3.1154788	21	9 27.9	19.2
184910 2005 UM_{363}	16.1	X	247.26694	214.56885	93.68023	3.19827	0.0673195	0.21635496	2.7480512	21	3 6.6	20.2
184911 2005 UP_{365}	15.8	X	68.02595	222.85802	99.83002	4.08409	0.1408842	0.18853064	3.0121835	21	12 8.0	20.2
184912 2005 UN_{382}	15.7	X	37.19899	207.96258	163.46901	8.24987	0.1005615	0.19309480	2.9645288	21	12 25.2	19.8
184913 2005 UQ_{382}	14.8	X	232.71305	204.95296	133.36181	9.35030	0.1265767	0.16034397	3.3555802	21	3 31.6	20.1
184914 2005 UF_{389}	16.6	X	296.00425	127.34062	51.46174	2.81421	0.0294055	0.20524986	2.8463008	21	—	—
184915 2005 UO_{402}	15.9	X	202.27906	234.11358	63.87484	4.62412	0.0735165	0.20887929	2.8132336	21	1 5.2	20.2
184916 2005 UW_{407}	16.3	X	37.28486	322.53218	76.56049	3.14499	0.0408088	0.19775598	2.9177605	21	—	—
184917 2005 UY_{468}	15.6	X	341.07120	48.24688	286.80657	4.44943	0.1955473	0.17565455	3.1576436	21	8 7.2	18.9
184918 2005 UO_{472}	16.1	X	65.61386	244.74425	52.14920	3.15237	0.0524948	0.18082122	3.0972038	21	10 22.3	20.5
184919 2005 UH_{485}	16.1	X	239.39575	185.54751	123.67749	6.09321	0.0225545	0.21610015	2.7502109	21	3 2.3	19.9
184920 2005 UQ_{492}	15.5	X	3.48899	334.48269	54.79379	11.45356	0.1120034	0.19154285	2.9805203	21	11 30.5	19.2
184921 2005 UV_{494}	15.2	X	5.29015	246.65127	102.67850	10.90717	0.0771620	0.18064637	3.0992020	21	10 14.9	19.4
184922 2005 UP_{497}	15.2	X	25.31142	157.45642	159.50206	13.31438	0.1493147	0.18224624	3.0810376	21	10 8.8	19.0
184923 2005 UN_{502}	15.0	X	119.19768	132.80134	101.45584	17.66522	0.0739787	0.17930460	3.1146441	21	10 18.6	20.0
184924 2005 UX_{508}	15.6	X	347.18421	199.53175	174.83786	5.43990	0.1655645	0.18037737	3.1022825	21	10 17.2	18.9
184925 2005 UF_{511}	15.6	X	65.70505	146.76340	186.47000	9.04574	0.0529321	0.18881602	3.0091476	21	12 7.1	20.0
184926 2005 UA_{518}	15.5	X	9.85149	165.44047	120.99950	9.25902	0.1511029	0.17424671	3.1746291	21	7 28.9	19.0
184927 2005 UZ_{523}	15.6	X	114.87775	39.99275	184.63396	17.43520	0.1582844	0.18174204	3.0867334	21	10 1.1	20.5
184928 2005 UL_{524}	15.8	X	99.80026	71.21888	161.01964	13.23723	0.1353155	0.17704489	3.1410906	21	9 23.9	20.5
184929 2005 VN_{2}	13.1	X	302.95778	181.07756	146.90439	7.32402	0.0439302	0.08695461	5.0459270	21	6 16.6	19.8
184930 Gobbihilda	14.6	X	311.11514	133.28886	344.41534	6.01518	0.1393621	0.12535131	3.9541226	21	12 11.4	19.7
184931 2005 VZ_{4}	16.0	X	301.67127	186.58401	126.62672	2.31676	0.1227850	0.22798225	2.6538031	21	5 9.5	19.3
184932 2005 VU_{16}	14.9	X	285.54090	334.44095	84.83603	11.44191	0.0711033	0.17751156	3.1355829	21	9 18.8	19.3
184933 2005 VK_{33}	15.3	X	93.58422	93.90825	220.96106	8.10839	0.0884352	0.19166042	2.9793013	21	12 20.2	19.8
184934 2005 VD_{42}	15.4	X	117.11561	245.17993	104.15855	10.41475	0.0963077	0.19944518	2.9012624	21	—	—
184935 2005 VY_{43}	16.5	X	82.61725	51.10018	106.19591	3.01792	0.0240335	0.22772599	2.6557935	21	5 11.7	19.9
184936 2005 VZ_{44}	15.7	X	103.12157	247.82186	0.42000	6.37019	0.0626875	0.18447578	3.0561627	21	10 7.3	20.1
184937 2005 VA_{87}	13.2	X	46.24534	92.78863	124.43887	10.59786	0.0568263	0.08380205	5.1716954	21	6 18.9	19.9
184938 2005 VA_{94}	16.3	X	255.13859	238.97727	29.56755	3.61151	0.1085276	0.21061807	2.7977289	21	1 22.9	20.6
184939 2005 VP_{109}	15.8	X	203.68867	289.87982	51.82178	6.02272	0.0500584	0.21412441	2.7671026	21	3 2.1	19.8
184940 2005 VB_{110}	15.2	X	200.82711	116.70443	51.74767	11.24444	0.0640590	0.18176060	3.0865233	21	10 20.2	19.8
184941 2005 VM_{111}	15.5	X	227.15513	275.38024	34.32980	5.57310	0.1452984	0.21113480	2.7931623	21	2 13.5	20.1
184942 2005 VP_{112}	15.0	X	77.22851	303.85925	46.94783	10.00517	0.0847481	0.19174002	2.9784767	21	—	—
184943 2005 VX_{123}	15.3	X	241.04877	301.81881	222.07797	9.03843	0.0211180	0.18864726	3.0109419	21	12 3.7	19.5
184944 2005 WR_{6}	16.1	X	279.15281	296.87557	58.63804	8.46760	0.2076986	0.23024261	2.6364057	21	5 22.7	19.8
184945 2005 WK_{12}	15.7	X	52.56689	205.68936	102.55626	2.44638	0.0230548	0.17997847	3.1068647	21	10 16.4	19.9
184946 2005 WU_{44}	16.1	X	190.75453	11.22135	296.69501	0.92369	0.1188950	0.20466504	2.8517204	21	1 7.8	20.4
184947 2005 WS_{50}	15.7	X	125.11270	73.81250	259.03824	1.66550	0.1188926	0.19777045	2.9176181	21	—	—
184948 2005 WM_{59}	15.1	X	52.46337	286.67350	82.88434	10.62793	0.1167640	0.18865830	3.0108245	21	—	—
184949 2005 WG_{76}	15.3	X	177.56630	203.88558	54.90052	4.52320	0.2330683	0.19090271	2.9871795	21	12 31.3	20.5
184950 2005 WT_{83}	15.8	X	28.18102	354.45584	359.71553	1.56889	0.0844356	0.18397689	3.0616852	21	11 17.7	19.8
184951 2005 WH_{90}	14.8	X	34.31934	300.84298	34.97915	12.42848	0.1087772	0.18258398	3.0772370	21	11 5.6	18.8
184952 2005 WG_{91}	14.8	X	327.80630	168.02201	306.22312	1.63578	0.2171775	0.12591741	3.9422624	21	12 30.7	19.2
184953 2005 WL_{91}	15.4	X	348.89495	349.41279	27.30524	2.20262	0.1676284	0.18062549	3.0994408	21	10 22.5	18.9
184954 2005 WA_{100}	15.2	X	50.36684	260.74854	75.30007	8.00854	0.0822649	0.18505565	3.0497752	21	11 25.1	19.3
184955 2005 WZ_{101}	14.2	X	327.67967	21.04862	97.79795	4.18975	0.1945469	0.12564371	3.9479854	21	—	—
184956 2005 WC_{104}	14.9	X	108.03640	187.22648	81.32394	12.03509	0.0949777	0.18104955	3.0945993	21	11 12.7	19.6
184957 2005 WS_{106}	16.3	X	189.01117	124.07406	187.26520	4.46409	0.1014296	0.21322541	2.7748749	21	1 7.2	20.5
184958 2005 WR_{111}	15.0	X	36.47422	264.32875	75.89761	13.26160	0.0868788	0.18273236	3.0755709	21	11 14.7	19.1
184959 2005 WW_{118}	15.5	X	336.95795	17.63538	49.34225	10.66066	0.0845214	0.18811695	3.0165979	21	12 5.1	19.3
184960 2005 WP_{132}	15.9	X	142.82792	33.82740	244.88230	2.01287	0.1044113	0.18898791	3.0073227	21	12 27.2	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
184961 2005 WY_{145}	15.3	X	347.92770	32.07904	42.01041	3.52603	0.2165528	0.12504401	3.9605982	21	12 20.2	19.7
184962 2005 WY_{151}	15.4	X	45.15140	283.26433	44.42027	11.00755	0.1934819	0.18390328	3.0625021	21	11 22.2	19.5
184963 2005 WK_{156}	14.2	X	320.70750	315.39538	158.69134	10.97991	0.1715494	0.12421406	3.9782207	21	12 20.4	19.2
184964 2005 WA_{160}	15.3	X	298.97035	242.75516	175.85818	11.16247	0.1042843	0.17823380	3.1271064	21	9 26.7	19.2
184965 2005 WX_{167}	15.7	X	52.04382	228.40047	82.26412	6.36867	0.1617064	0.17986550	3.1081656	21	11 7.8	20.0
184966 2005 WM_{180}	15.0	X	161.11213	146.42342	83.84055	13.08311	0.0333494	0.18317819	3.0705786	21	11 20.8	19.6
184967 2005 WA_{182}	15.4	X	38.76181	204.78209	187.46035	10.08452	0.0131896	0.19098616	2.9863093	21	—	—
184968 2005 WG_{182}	15.0	X	39.43738	195.38068	101.60929	10.21018	0.0732409	0.17447384	3.1718733	21	9 25.2	19.4
184969 2005 WN_{191}	15.4	X	270.18516	261.56428	147.11762	8.28589	0.1358339	0.17272794	3.1932113	21	7 30.4	20.0
184970 2005 XF_{36}	17.0	X	235.79793	89.60728	357.58153	0.70659	0.1196059	0.23065624	2.6332529	21	8 13.5	20.9
184971 2005 XJ_{92}	14.9	X	63.09569	223.62840	83.01897	11.22529	0.0711819	0.18028500	3.1033422	21	11 5.7	19.3
184972 2005 YE_{1}	15.6	X	344.32150	99.49032	221.60209	4.39651	0.0111825	0.17735800	3.1373925	21	8 1.1	20.0
184973 2005 YN_{8}	14.7	X	285.72333	340.01237	53.03934	23.67135	0.0961201	0.17110271	3.2134000	21	8 16.4	19.6
184974 2005 YH_{76}	14.1	X	346.18943	47.13692	56.15381	3.87198	0.0602241	0.12344350	3.9947588	21	—	—
184975 2006 BZ_{30}	13.2	X	294.22601	217.07447	102.43974	4.73408	0.0059177	0.08403652	5.1620714	21	6 1.3	20.0
184976 2006 BN_{70}	13.5	X	283.03715	311.08000	5.58381	9.47189	0.0704635	0.08207647	5.2439306	21	5 4.9	20.5
184977 2006 BQ_{110}	12.8	X	332.27727	171.11319	122.12731	11.59157	0.1604060	0.08444775	5.1452994	21	6 4.2	19.1
184978 2006 BM_{121}	13.6	X	5.08701	276.04674	333.51013	4.45683	0.0371870	0.08408175	5.1602199	21	6 2.1	20.3
184979 2006 BG_{162}	13.1	X	293.97226	188.27394	135.18124	8.87260	0.0739024	0.08435121	5.1492246	21	5 29.2	19.9
184980 2006 BM_{213}	12.3	X	311.69153	180.29447	108.49585	29.90180	0.0993862	0.08237388	5.2313009	21	5 17.9	19.3
184981 2006 BK_{222}	13.5	X	299.96611	59.94500	247.20926	0.94763	0.1035112	0.08175237	5.2577807	21	5 12.2	20.3
184982 2006 BV_{252}	13.3	X	13.88200	69.91804	177.96598	2.69531	0.0898218	0.08212462	5.2418805	21	6 13.7	19.8
184983 2006 CS_{19}	13.2	X	284.24797	170.56551	144.61142	11.85043	0.0672590	0.08284522	5.2114402	21	5 11.1	20.2
184984 2006 CQ_{31}	13.0	X	330.49469	106.39852	186.03452	7.17948	0.0807928	0.08261057	5.2213038	21	6 6.6	19.6
184985 2006 CC_{51}	13.7	X	315.85496	163.75193	145.19873	4.76691	0.0947545	0.08677968	5.0527057	21	6 4.9	20.2
184986 2006 DW_{143}	13.6	X	249.79779	5.31742	9.10189	2.67561	0.0977920	0.08259333	5.2220304	21	6 1.9	20.7
184987 2006 DY_{157}	16.7	X	281.04538	306.38439	21.12966	3.94288	0.2144224	0.26914889	2.3757878	21	4 14.1	20.1
184988 2006 FF_{12}	12.6	X	0.77530	94.26882	172.99087	13.85480	0.0690864	0.08076784	5.3004213	21	6 18.3	19.4
184989 2006 KA_{56}	15.9	X	273.64071	211.46958	144.74313	1.17218	0.1235327	0.19064933	2.9898256	21	5 30.9	20.1
184990 2006 KE_{89}	16.4	X	302.44669	299.20333	88.61982	45.10418	0.7991043	0.91175227	1.0532985	21	5 22.5	18.7
184991 2006 LZ_{6}	16.5	X	329.33559	97.78724	237.85430	1.56831	0.1971851	0.26104924	2.4246800	21	7 17.5	18.3
184992 2006 ML_{6}	15.9	X	339.30711	204.52962	128.83798	8.82044	0.1756722	0.26141798	2.4223994	21	8 10.2	17.8
184993 2006 MA_{7}	16.9	X	11.67744	210.41450	131.81950	5.85733	0.1756087	0.27162766	2.3613121	21	11 9.7	19.2
184994 2006 MD_{11}	16.3	X	165.20058	217.63158	95.05456	4.71765	0.2226695	0.23396771	2.6083474	21	—	—
184995 2006 MT_{12}	15.8	X	254.66472	208.62849	91.72914	12.19011	0.1375636	0.24383839	2.5374724	21	2 26.7	19.9
184996 2006 OP_{6}	15.8	X	296.99352	149.98531	157.52520	1.44739	0.1873271	0.17873470	3.1212613	21	4 19.9	20.1
184997 2006 OQ_{6}	17.5	X	174.15564	311.08390	163.86426	1.16883	0.0199989	0.31562734	2.1364184	21	7 14.6	20.0
184998 2006 OU_{11}	16.2	X	276.92447	69.03712	305.41940	10.81350	0.3150882	0.25537605	2.4604579	21	5 28.8	20.0
184999 2006 PD	17.4	X	263.62785	202.59578	213.77333	2.00322	0.1735116	0.25864843	2.4396610	21	7 29.5	20.6
185000 2006 PY_{5}	15.1	X	264.82267	273.76185	122.08449	16.13839	0.1817154	0.19181402	2.9777106	21	7 2.6	19.6
185001 2006 PT_{6}	16.0	X	340.00843	312.46351	56.78854	2.90611	0.0814746	0.20280162	2.8691622	21	9 30.9	19.5
185002 2006 PB_{7}	16.9	X	307.74300	9.72163	348.13588	6.52544	0.1286276	0.26071763	2.4267355	21	7 21.9	19.6
185003 2006 PC_{9}	17.1	X	102.18376	178.56783	138.82767	6.10567	0.2076709	0.28297162	2.2977748	21	—	—
185004 2006 PD_{9}	17.4	X	70.93999	7.90734	317.81890	5.11286	0.1359775	0.27819785	2.3239862	21	12 30.8	20.7
185005 2006 PJ_{9}	15.4	X	316.39647	91.89469	319.65991	13.98009	0.1454361	0.20338845	2.8636407	21	10 6.0	18.9
185006 2006 PD_{12}	15.9	X	78.24638	341.69244	312.10486	1.57573	0.0317157	0.20698092	2.8304089	21	11 2.5	19.7
185007 2006 PV_{16}	17.0	X	93.10313	57.22712	324.44790	3.88761	0.1522702	0.28830599	2.2693437	21	—	—
185008 2006 PE_{27}	17.0	X	199.20803	320.88741	324.57974	3.93021	0.1427441	0.29333447	2.2433342	21	—	—
185009 2006 PO_{30}	15.1	X	263.13105	266.84262	87.87028	10.33104	0.1634198	0.18642823	3.0347874	21	5 14.4	19.8
185010 2006 PR_{31}	16.9	X	312.80121	269.01021	156.77531	6.99191	0.0792461	0.27443220	2.3451971	21	11 18.3	19.4
185011 2006 PM_{38}	17.2	X	46.70774	311.77290	356.72550	1.15769	0.1875318	0.27263047	2.3555182	21	11 15.2	20.0
185012 2006 QJ_{3}	16.7	X	231.35236	335.07483	344.20633	18.92313	0.0586344	0.36952221	1.9232793	21	2 10.4	19.0
185013 2006 QQ_{8}	17.3	X	319.83178	148.41466	223.26460	1.58567	0.2017691	0.26198327	2.4189135	21	8 23.8	19.4
185014 2006 QT_{17}	16.9	X	315.07445	289.14533	150.50712	7.98997	0.1432338	0.27444033	2.3451507	21	12 10.8	19.1
185015 2006 QS_{21}	17.4	X	141.92912	344.69413	320.27501	5.67766	0.1363186	0.28863274	2.2676307	21	—	—
185016 2006 QN_{25}	17.3	X	139.98327	214.61797	147.52966	2.99473	0.2381093	0.29355970	2.2421866	21	1 19.3	20.1
185017 2006 QU_{27}	17.1	X	104.65536	202.06750	129.18934	7.72647	0.1531942	0.28377684	2.2934261	21	—	—
185018 2006 QY_{28}	16.9	X	321.76464	46.83527	353.54444	3.85257	0.1382006	0.26723575	2.3871132	21	10 20.2	19.1
185019 2006 QP_{29}	15.6	X	320.22395	319.92501	47.60676	2.51036	0.1161408	0.19710779	2.9241536	21	8 24.3	19.0
185020 Pratte	16.2	X	43.57059	103.28960	336.15817	8.45706	0.2173487	0.21694314	2.7430818	21	—	—
185021 2006 QB_{38}	16.3	X	353.14931	241.99584	104.85240	7.79245	0.1399998	0.26587607	2.3952446	21	10 7.9	18.6
185022 2006 QY_{38}	16.9	X	128.36944	74.83859	258.28301	3.68368	0.1707866	0.28716804	2.2753348	21	—	—
185023 2006 QV_{56}	16.4	X	45.95108	48.47571	317.27570	3.03103	0.2273748	0.27451291	2.3447373	21	—	—
185024 2006 QT_{59}	16.1	X	236.61093	111.35147	210.75815	4.32140	0.1672749	0.17477859	3.1681852	21	3 7.9	21.2
185025 2006 QF_{61}	15.9	X	107.74889	223.00725	185.09178	13.60485	0.1899722	0.22352026	2.6890041	21	2 12.4	19.7
185026 2006 QV_{63}	17.3	X	24.95142	218.10642	173.69939	3.19296	0.1939534	0.27589631	2.3368928	21	—	—
185027 2006 QP_{64}	16.1	X	112.25943	71.21492	189.64251	1.70719	0.0177327	0.20649370	2.8348593	21	11 2.1	19.9
185028 2006 QL_{68}	17.3	X	242.00694	73.78313	346.32936	2.72353	0.1841564	0.25487217	2.4636997	21	7 8.9	20.9
185029 2006 QG_{78}	17.3	X	77.56270	221.07995	139.69808	2.91595	0.1787757	0.28190550	2.3035644	21	—	—
185030 2006 QW_{83}	17.1	X	327.65326	272.96020	141.83054	2.88041	0.1664935	0.27054617	2.3676007	21	11 27.7	18.9
185031 2006 QE_{87}	17.3	X	281.57404	194.83164	331.33565	6.78299	0.0597630	0.28555097	2.2839169	21	—	—
185032 2006 QX_{93}	15.9	X	35.59539	91.56364	242.95112	4.84610	0.0793987	0.20650149	2.8347881	21	11 6.2	19.6
185033 2006 QZ_{115}	16.6	X	35.89894	33.55826	288.25140	5.19477	0.2334249	0.27011657	2.3701104	21	11 25.0	19.4
185034 2006 QO_{118}	16.4	X	89.43481	354.22846	308.82443	6.48969	0.1080445	0.27547604	2.3392690	21	12 18.3	19.8
185035 2006 QV_{119}	16.5	X	150.73088	10.22477	346.56196	5.64174	0.1873472	0.29200707	2.2501275	21	1 19.8	19.5
185036 2006 QX_{119}	16.0	X	123.36078	252.16025	189.13606	11.54674	0.2543761	0.22962414	2.6411375	21	4 24.5	20.1
185037 2006 QJ_{123}	16.0	X	114.34991	45.43680	2.33751	13.21786	0.2120756	0.22416934	2.6838109	21	3 1.4	19.8
185038 2006 QU_{123}	15.8	X	129.29650	50.65161	286.86862	8.81926	0.1200394	0.22060030	2.7126806	21	—	—
185039 Alessiapossenti	17.1	X	93.54351	195.13460	217.95859	1.33580	0.0923323	0.22887289	2.6469139	21	1 17.2	20.2
185040 2006 QS_{137}	16.7	X	73.74226	235.53841	192.54208	22.06358	0.1054914	0.35932975	1.9594789	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185041 2006 QR_{144}	15.9	X	182.40769	3.75534	42.35990	5.97283	0.2805192	0.23501768	2.6005728	21	4 28.8	20.5
185042 2006 QF_{147}	17.0	X	116.56904	101.39409	20.31746	2.08595	0.0749632	0.24344431	2.5402101	21	5 14.4	20.5
185043 2006 QA_{153}	16.0	X	185.12392	346.03953	144.13251	2.75926	0.0429778	0.19441389	2.9511041	21	8 15.1	20.1
185044 2006 QW_{156}	17.0	X	326.29939	269.80976	166.53391	5.83126	0.1709253	0.27321092	2.3521807	21	12 28.8	19.0
185045 2006 QT_{168}	17.3	X	46.02779	5.96575	46.05362	5.10694	0.2335536	0.28250790	2.3002886	21	—	—
185046 2006 RH_{4}	17.6	X	152.23852	168.87212	181.66605	6.01258	0.1328192	0.29317405	2.2441525	21	1 3.8	20.6
185047 2006 RQ_{4}	16.9	X	341.77652	8.44216	9.77023	3.10430	0.2015312	0.26492097	2.4009981	21	10 31.1	18.7
185048 2006 RS_{4}	16.9	X	197.22106	249.00293	3.55623	19.90448	0.0540992	0.35009424	1.9937900	21	—	—
185049 2006 RT_{4}	17.4	X	132.35011	250.35498	96.96925	1.23780	0.2252738	0.28927088	2.2642944	21	—	—
185050 2006 RL_{6}	16.8	X	12.94040	351.45188	8.36238	1.98842	0.2124078	0.26792870	2.3829955	21	12 9.9	19.3
185051 2006 RV_{7}	17.5	X	333.42156	229.46391	173.75013	2.06130	0.1894646	0.26839006	2.3802638	21	11 22.6	19.1
185052 2006 RH_{9}	16.7	X	138.06923	247.90719	163.32451	5.67454	0.2498089	0.23121635	2.6289986	21	3 30.9	20.8
185053 2006 RU_{17}	14.9	X	243.12513	64.84645	334.97735	21.26824	0.1835032	0.18244680	3.0787793	21	6 14.6	20.2
185054 2006 RA_{19}	17.2	X	39.53232	80.13815	262.99739	0.32743	0.2006069	0.27054244	2.3676224	21	12 23.8	20.1
185055 2006 RP_{19}	15.8	X	143.30327	220.89688	185.27142	11.48200	0.2637490	0.22891965	2.6465534	21	3 29.8	20.0
185056 2006 RA_{22}	16.9	X	167.35530	36.46676	11.61038	4.14813	0.2834995	0.23374404	2.6100111	21	4 19.7	21.5
185057 2006 RH_{22}	15.9	X	157.70665	210.98414	172.80078	13.24566	0.2738715	0.22981432	2.6396803	21	3 15.2	20.5
185058 2006 RL_{23}	16.6	X	92.36612	46.44466	358.60673	7.21403	0.0997105	0.29035272	2.2586665	21	—	—
185059 2006 RY_{24}	15.2	X	155.08108	254.44013	173.49156	16.23813	0.1188907	0.17639825	3.1487622	21	5 1.9	20.3
185060 2006 RW_{27}	15.7	X	108.89015	223.87370	104.69611	10.27522	0.1794470	0.21592428	2.7517041	21	—	—
185061 2006 RB_{28}	16.1	X	33.81056	263.61242	180.35160	9.09143	0.1698600	0.21558603	2.7545816	21	—	—
185062 2006 RL_{30}	16.7	X	256.23323	205.39291	286.93251	9.26295	0.1531542	0.27376682	2.3489954	21	11 5.1	19.6
185063 2006 RF_{31}	16.5	X	42.42404	59.81640	344.65544	1.84009	0.1881859	0.21317053	2.7753511	21	—	—
185064 2006 RJ_{32}	16.3	X	3.45861	243.34660	300.12720	2.37404	0.0490870	0.23232577	2.6206225	21	2 21.3	19.6
185065 2006 RO_{37}	16.7	X	179.61149	202.67403	151.90350	4.61917	0.1920883	0.23182822	2.6243707	21	2 21.4	21.0
185066 2006 RT_{43}	17.8	X	72.25222	356.16493	114.81064	0.65427	0.0741238	0.29713914	2.2241435	21	2 15.3	19.7
185067 2006 RW_{43}	16.1	X	178.93829	323.10308	141.40120	1.67766	0.1435698	0.18000168	3.1065976	21	7 5.8	21.0
185068 2006 RJ_{44}	17.3	X	323.28119	282.80308	153.25891	1.38682	0.1569917	0.26910067	2.3760717	21	12 19.8	19.3
185069 2006 RQ_{45}	17.5	X	37.89559	351.78271	168.42383	5.70751	0.0667926	0.30075235	2.2062939	21	2 28.4	19.5
185070 2006 RR_{50}	16.4	X	250.70829	94.72427	15.10936	2.02910	0.0702137	0.19535863	2.9415822	21	10 3.6	20.3
185071 2006 RM_{55}	16.8	X	318.58351	266.97889	182.37229	6.75429	0.0693667	0.27155120	2.3617553	21	12 28.3	19.5
185072 2006 RV_{57}	16.8	X	358.52658	39.51890	7.85272	8.85316	0.1520679	0.27279145	2.3545914	21	—	—
185073 2006 RG_{59}	17.8	X	311.10977	114.24965	305.05791	0.54972	0.1671372	0.26395898	2.4068282	21	10 25.7	19.7
185074 2006 RE_{60}	17.0	X	9.19372	31.57510	359.12166	0.97278	0.1886702	0.27047224	2.3680321	21	—	—
185075 2006 RB_{62}	16.3	X	113.06405	242.64981	308.91053	5.41097	0.0739669	0.25735482	2.4478296	21	8 14.0	19.4
185076 2006 RZ_{69}	17.3	X	318.33810	67.54880	337.76114	0.72001	0.1669339	0.26463341	2.4027371	21	10 19.5	19.3
185077 2006 RL_{71}	17.2	X	317.37557	159.23152	284.62459	0.29012	0.0314909	0.27315106	2.3525243	21	12 19.1	19.9
185078 2006 RH_{72}	16.7	X	320.57849	326.28791	131.27607	0.60285	0.0304868	0.20942510	2.8083435	21	12 26.3	20.3
185079 2006 RM_{72}	16.7	X	206.05029	295.99310	48.69958	0.47537	0.0731904	0.23510320	2.5999422	21	3 2.8	20.5
185080 2006 RJ_{73}	16.3	X	239.46790	85.93450	4.94184	1.40189	0.1267173	0.18986421	2.9980622	21	8 19.8	20.7
185081 2006 RT_{73}	17.0	X	286.43081	310.46831	182.92941	5.90329	0.1257567	0.27482332	2.3429715	21	—	—
185082 2006 RN_{74}	16.6	X	57.99253	163.43155	8.58053	7.96998	0.0644304	0.24131401	2.5551380	21	4 27.3	19.6
185083 2006 RU_{78}	15.9	X	344.72932	276.82568	165.82391	2.93821	0.0651301	0.21048916	2.7988710	21	—	—
185084 2006 RR_{87}	17.4	X	32.20088	288.20926	168.58567	2.29792	0.0611384	0.28793014	2.2713181	21	—	—
185085 2006 RG_{92}	16.3	X	291.99877	47.16254	356.81520	0.81847	0.1480536	0.19117980	2.9842924	21	8 22.8	20.2
185086 2006 RP_{92}	16.0	X	266.24009	64.35856	300.16962	1.14989	0.0712487	0.18180211	3.0860534	21	6 8.9	20.3
185087 2006 RA_{93}	17.2	X	148.48316	307.37275	353.88181	5.60283	0.1327284	0.28413000	2.2915253	21	—	—
185088 2006 RD_{93}	17.3	X	306.30592	311.15682	193.97851	3.74334	0.0898144	0.28048676	2.3113257	21	—	—
185089 2006 RF_{93}	15.0	X	181.50543	8.18833	328.35829	1.34136	0.0453950	0.16103306	3.3460006	21	2 4.8	20.0
185090 2006 RQ_{97}	17.6	X	27.34428	166.72977	339.34772	2.15799	0.0910771	0.29489138	2.2354313	21	1 20.9	19.6
185091 2006 RG_{99}	16.8	X	303.38147	43.43635	23.30521	3.26673	0.0631586	0.26734195	2.3864810	21	10 31.8	19.5
185092 2006 RS_{99}	17.4	X	337.72176	63.90733	345.69531	1.95124	0.2023026	0.26827960	2.3809171	21	12 13.4	19.0
185093 2006 RV_{104}	17.4	X	58.07449	55.51908	11.56933	7.29815	0.0804476	0.28596377	2.2817184	21	—	—
185094 2006 RD_{105}	15.9	X	173.51117	188.30382	82.24813	6.29584	0.0454722	0.21355307	2.7720358	21	—	—
185095 2006 SS_{5}	16.7	X	113.81909	291.55545	118.02468	3.04744	0.1019223	0.29333827	2.2433149	21	1 28.7	19.0
185096 2006 ST_{5}	15.9	X	255.63616	34.97316	23.59949	13.43299	0.3197006	0.18458361	3.0549725	21	7 7.1	21.1
185097 2006 SB_{11}	16.1	X	142.22257	163.06464	301.83710	12.60400	0.2221383	0.24128629	2.5553337	21	6 5.1	20.4
185098 2006 SJ_{13}	17.0	X	12.10797	200.74118	169.44699	5.49522	0.1741863	0.26963778	2.3729152	21	12 17.9	19.6
185099 2006 SK_{13}	16.4	X	155.30836	20.49116	8.52692	12.31726	0.2009738	0.23167547	2.6255241	21	3 16.1	20.7
185100 2006 SY_{16}	16.9	X	264.57160	184.38062	250.21085	3.86024	0.1740476	0.25729856	2.4481864	21	8 23.8	20.2
185101 2006 SX_{19}	16.2	X	167.11573	320.37982	10.67314	1.10538	0.0878706	0.22292628	2.6937785	21	1 6.1	19.9
185102 2006 SE_{20}	15.8	X	268.97839	102.78192	295.14593	9.48374	0.1342683	0.18856051	3.0118654	21	7 16.5	19.9
185103 2006 SV_{20}	17.6	X	182.36351	108.00715	324.77579	4.27190	0.0832873	0.31295357	2.1485697	21	5 24.1	20.5
185104 2006 SJ_{21}	17.5	X	85.78831	36.96547	18.69903	5.07541	0.1725835	0.29039473	2.2584487	21	1 1.5	19.4
185105 2006 SV_{23}	15.5	X	81.53912	339.06318	21.94375	12.95472	0.1501860	0.21403033	2.7679135	21	—	—
185106 2006 SN_{27}	17.0	X	127.69418	173.44283	154.73687	3.20054	0.2326394	0.28477963	2.2880390	21	—	—
185107 2006 SA_{34}	16.6	X	103.97323	204.31004	336.92427	5.93764	0.0619159	0.25275458	2.4774412	21	7 18.9	19.8
185108 2006 SM_{37}	17.5	X	287.23097	223.50047	341.00220	2.94772	0.0936567	0.28902401	2.2655837	21	—	—
185109 2006 SS_{45}	16.8	X	253.81013	230.82436	103.21400	2.61189	0.0691067	0.24212094	2.5494577	21	4 12.6	20.3
185110 2006 SV_{46}	16.9	X	95.57585	257.27822	188.64832	13.90265	0.3075189	0.22799116	2.6537339	21	4 7.0	20.4
185111 2006 SK_{47}	17.1	X	266.13809	2.04970	42.10718	2.84417	0.2225704	0.25402242	2.4691910	21	7 9.7	20.5
185112 2006 SK_{48}	16.3	X	319.23047	40.64228	23.35766	25.68928	0.0900941	0.26643442	2.3918971	21	11 12.7	19.2
185113 2006 SP_{48}	16.6	X	18.53540	201.12220	199.86488	3.79761	0.2373663	0.27083640	2.3659089	21	—	—
185114 2006 SB_{49}	16.2	X	138.52551	130.20246	199.82824	4.40966	0.1147014	0.21908581	2.7251676	21	—	—
185115 2006 SV_{50}	15.6	X	129.61732	232.51410	85.05511	7.35847	0.1062001	0.22044381	2.7139642	21	—	—
185116 2006 SO_{54}	15.6	X	31.97078	346.83759	57.24245	10.32446	0.1570099	0.21260043	2.7803105	21	—	—
185117 2006 SP_{54}	17.0	X	45.92847	6.64846	49.88921	7.45294	0.2144316	0.28262753	2.2996394	21	—	—
185118 2006 SC_{55}	16.7	X	43.12207	277.95776	78.36508	4.42109	0.1971441	0.27299975	2.3533935	21	—	—
185119 2006 SH_{57}	17.7	X	301.56998	266.22859	340.03529	6.33784	0.1301827	0.30168818	2.2017289	21	1 27.6	20.4
185120 2006 SD_{63}	15.2	X	230.07661	202.30779	164.31017	5.19999	0.1197168	0.17465200	3.1697159	21	4 29.1	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185121 2006 SK_{63}	15.9	X	166.65377	147.64240	133.75174	7.19111	0.0199230	0.21432859	2.7653450	21	—	—
185122 2006 SB_{69}	17.1	X	327.46611	275.32110	158.62383	1.06842	0.0617758	0.27271744	2.3550174	21	12 21.4	19.7
185123 2006 SQ_{70}	17.3	X	270.17788	319.20113	173.30638	3.80126	0.1170954	0.26895428	2.3769338	21	12 5.6	19.8
185124 2006 SZ_{70}	16.8	X	7.44383	238.53870	186.48468	6.47495	0.0838377	0.27562436	2.3384297	21	—	—
185125 2006 ST_{73}	17.4	X	192.61980	192.87280	82.50989	3.10372	0.0965744	0.28473644	2.2882704	21	—	—
185126 2006 SZ_{74}	16.9	X	118.46654	212.17169	176.84818	6.49222	0.1030858	0.29049673	2.2579200	21	1 6.4	19.4
185127 2006 SY_{88}	17.2	X	264.10600	257.53999	176.60599	2.20025	0.1722894	0.25696120	2.4503287	21	8 24.4	20.1
185128 2006 SB_{93}	16.2	X	111.48221	204.58964	4.67287	0.96470	0.0223452	0.18760623	3.0220701	21	8 26.2	20.3
185129 2006 SF_{94}	16.7	X	163.21779	187.20926	163.98372	1.82476	0.1281904	0.22580994	2.6707957	21	1 29.2	20.6
185130 2006 SH_{96}	16.6	X	161.96079	283.91218	195.06508	10.76585	0.1969516	0.24367713	2.5385917	21	7 8.1	21.0
185131 2006 SM_{101}	16.0	X	257.63817	122.36935	196.16899	0.55042	0.1476923	0.17682872	3.1436500	21	3 25.7	20.9
185132 2006 SV_{104}	16.5	X	220.23594	314.70777	164.67650	1.03909	0.0737465	0.19240124	2.9716487	21	9 8.6	20.8
185133 2006 SY_{110}	17.2	X	144.12947	17.25447	16.93641	5.32768	0.1610941	0.29581392	2.2307812	21	2 27.2	20.1
185134 2006 SF_{112}	16.6	X	29.91521	19.82849	8.64797	11.61918	0.2543866	0.27281554	2.3544528	21	—	—
185135 2006 SP_{120}	15.5	X	244.67499	262.45454	131.94455	10.26716	0.1258092	0.18158375	3.0885269	21	6 15.9	20.2
185136 2006 ST_{120}	16.5	X	259.25254	326.32053	99.03258	5.62091	0.1870242	0.25458733	2.4655370	21	8 5.1	19.8
185137 2006 SG_{121}	15.4	X	222.78403	257.13921	176.88737	14.74802	0.1429352	0.18158096	3.0885586	21	7 8.7	20.5
185138 2006 SE_{123}	16.4	X	73.61720	275.40904	89.65970	6.40512	0.1686161	0.21394916	2.7686134	21	—	—
185139 2006 SS_{127}	16.5	X	162.20160	27.65185	0.15589	2.43098	0.0932902	0.23100355	2.6306129	21	3 10.9	20.3
185140 2006 SE_{129}	15.2	X	123.64433	79.84824	30.91719	28.87596	0.3741697	0.16252095	3.3255474	21	6 2.5	21.4
185141 2006 SS_{130}	17.4	X	258.08964	255.30708	195.68441	1.72799	0.0907830	0.25909220	2.4368744	21	9 22.0	20.5
185142 2006 SE_{132}	15.7	X	68.68617	78.99096	276.40769	7.59707	0.1109721	0.21062047	2.7977077	21	—	—
185143 2006 SJ_{138}	16.0	X	72.91169	230.47835	189.55511	8.89477	0.1739911	0.21845975	2.7303717	21	1 6.5	19.1
185144 2006 SY_{149}	16.4	X	91.24184	87.66063	342.63315	2.04313	0.1066977	0.22498065	2.6773548	21	2 8.9	19.6
185145 2006 SD_{155}	16.7	X	105.74602	200.71576	85.49300	3.46451	0.2047780	0.27552193	2.3390092	21	12 18.9	20.5
185146 2006 SS_{157}	17.2	X	175.57667	44.07370	21.90718	3.36614	0.1675536	0.24103836	2.5570857	21	5 14.0	21.4
185147 2006 SN_{159}	17.1	X	226.35763	135.33185	32.29992	4.19071	0.1516979	0.26772215	2.3842210	21	11 15.1	20.2
185148 2006 SJ_{160}	16.7	X	333.45343	132.32889	43.87230	7.09903	0.0454617	0.29053125	2.2577412	21	—	—
185149 2006 SX_{160}	17.5	X	74.01204	311.74947	119.58348	2.22629	0.1106104	0.28874024	2.2670678	21	—	—
185150 Panevezys	17.4	X	178.77330	176.48304	233.35510	1.43573	0.1506355	0.23827189	2.5768403	21	4 26.7	21.3
185151 2006 SC_{189}	15.8	X	36.55379	69.79966	119.42116	3.37341	0.0457311	0.17365049	3.1818915	21	4 27.7	20.0
185152 2006 SK_{192}	16.8	X	224.24566	213.08705	153.26826	4.46173	0.1063808	0.24152368	2.5536590	21	4 18.6	20.6
185153 2006 SP_{192}	18.0	X	49.93536	118.33736	35.88805	6.30482	0.0847656	0.30214836	2.1994929	21	3 16.5	20.1
185154 2006 SJ_{195}	16.6	X	191.15125	220.56085	320.55232	1.90783	0.1658357	0.26563860	2.3966720	21	10 23.9	20.1
185155 2006 SA_{198}	17.5	X	159.38106	335.36652	44.59884	3.07701	0.1775351	0.29641641	2.2277574	21	2 26.5	20.6
185156 2006 SN_{200}	16.2	X	23.83216	66.56083	254.74663	0.91972	0.0716074	0.19458209	2.9494032	21	9 30.9	20.0
185157 2006 SY_{203}	17.3	X	88.27173	234.47049	176.44288	6.52604	0.0792840	0.28959680	2.2625953	21	—	—
185158 2006 SC_{206}	15.9	X	225.27303	103.36235	5.05214	5.16797	0.1267571	0.18864897	3.0109237	21	8 27.4	20.4
185159 2006 SC_{212}	16.5	X	55.99639	236.73646	184.13622	4.89486	0.1537472	0.21583746	2.7524420	21	—	—
185160 2006 SY_{212}	16.7	X	109.66199	323.99491	340.62647	5.05218	0.1918123	0.27658322	2.3330220	21	—	—
185161 2006 SY_{214}	16.7	X	241.61514	94.77603	275.06815	2.47401	0.1078378	0.24446595	2.5331280	21	5 9.5	20.3
185162 2006 SD_{215}	16.4	X	113.57671	71.78745	23.50382	17.43775	0.1559493	0.23279165	2.6171249	21	4 17.1	19.9
185163 2006 SG_{216}	17.3	X	71.91275	127.01133	103.23567	2.65347	0.0639822	0.25428877	2.4674665	21	8 12.6	20.4
185164 Ingeburgherz	16.4	X	111.05708	129.64648	202.36119	4.61556	0.1681427	0.21402247	2.7679812	21	—	—
185165 2006 SK_{219}	16.7	X	148.29756	323.63736	185.71461	5.82649	0.0764223	0.25531519	2.4608489	21	7 29.4	20.2
185166 2006 SA_{224}	17.2	X	308.36455	339.17458	188.43255	1.93728	0.0900970	0.28158005	2.3053390	21	—	—
185167 2006 SP_{246}	17.2	X	234.08267	344.96944	157.24015	2.50392	0.1623614	0.26719232	2.3873719	21	10 21.8	20.5
185168 2006 SB_{252}	16.7	X	16.91054	338.74671	204.86532	3.39455	0.0952514	0.23460565	2.6036168	21	3 10.9	19.6
185169 2006 SG_{264}	15.7	X	225.92499	122.76009	4.33555	14.51819	0.1396604	0.19090407	2.9871653	21	9 19.2	20.3
185170 2006 SY_{279}	15.7	X	152.36499	248.02621	142.51976	13.34734	0.2914387	0.22884917	2.6470968	21	3 23.5	20.3
185171 2006 SK_{280}	16.2	X	60.30557	306.60632	152.64790	5.62410	0.1426510	0.22193041	2.7018310	21	2 2.9	19.2
185172 2006 SP_{282}	15.6	X	235.32142	257.54659	171.73785	9.77498	0.0812739	0.18515443	3.0486904	21	7 21.9	20.2
185173 2006 SY_{283}	17.2	X	324.79789	356.70645	86.29398	6.42653	0.0746598	0.27133564	2.3630060	21	12 30.1	19.7
185174 2006 SG_{284}	15.8	X	100.24833	83.70794	308.03023	5.07682	0.0339765	0.22192648	2.7018629	21	—	—
185175 2006 SB_{285}	16.1	X	179.84708	262.16665	126.05376	7.76961	0.2257168	0.23401937	2.6079635	21	4 7.3	20.6
185176 2006 SX_{291}	15.5	X	216.11457	252.95374	156.55741	21.74080	0.1918250	0.17522276	3.1628289	21	6 4.8	21.1
185177 2006 SK_{303}	16.1	X	27.76465	169.70209	243.27558	3.52213	0.0638578	0.21367750	2.7709595	21	—	—
185178 2006 SP_{328}	16.8	X	143.52917	272.55898	167.03874	3.44546	0.1553577	0.23545402	2.5973590	21	5 1.6	20.7
185179 2006 SG_{332}	16.1	X	165.81363	133.10707	348.38535	2.72732	0.1264369	0.17726988	3.1384321	21	7 14.7	21.2
185180 2006 SQ_{341}	16.5	X	194.59107	180.92407	45.52789	7.33442	0.0907975	0.27097974	2.3650746	21	—	—
185181 2006 SD_{344}	15.9	X	167.03190	171.86759	350.14963	4.15781	0.0602346	0.18866867	3.0107141	21	9 3.5	20.2
185182 2006 SY_{344}	16.2	X	320.54811	138.25238	2.98677	9.10633	0.1837628	0.21155271	2.7894826	21	—	—
185183 2006 SP_{345}	16.5	X	196.03026	221.60721	225.77937	5.04161	0.1371981	0.24654024	2.5188995	21	6 30.3	20.4
185184 2006 SQ_{353}	16.9	X	118.81533	231.20204	168.65179	6.28742	0.0887160	0.29232564	2.2484925	21	1 19.1	19.4
185185 2006 SF_{357}	16.9	X	297.75180	356.68794	54.10416	7.35115	0.1410546	0.25847157	2.4407738	21	9 22.9	19.6
185186 2006 SV_{359}	15.8	X	140.09146	235.45716	173.81976	4.90218	0.1355781	0.22859890	2.6490285	21	3 18.3	19.5
185187 2006 SN_{391}	16.0	X	159.44817	263.14398	183.57594	13.60286	0.1559834	0.23676710	2.5877470	21	5 27.4	20.3
185188 2006 SM_{392}	16.3	X	312.40669	286.18057	71.13589	4.97367	0.1568484	0.24650185	2.5191610	21	7 23.9	19.0
185189 2006 SA_{393}	15.6	X	317.01540	311.46857	52.51212	0.84016	0.0681282	0.18282293	3.0745551	21	8 17.4	19.5
185190 2006 SA_{395}	17.1	X	340.09684	327.17215	83.04526	5.59299	0.0408913	0.26996877	2.3709753	21	12 6.1	19.7
185191 2006 TB_{1}	16.6	X	156.05511	285.13828	127.75340	1.78893	0.1598903	0.23212727	2.6221162	21	4 10.8	20.6
185192 2006 TV_{1}	17.0	X	295.68129	153.99656	36.24224	6.79014	0.0777424	0.28773306	2.2723551	21	—	—
185193 2006 TW_{3}	17.4	X	332.83364	28.69457	34.10009	2.58675	0.1957742	0.26742119	2.3860095	21	12 22.2	19.0
185194 2006 TY_{4}	16.2	X	217.04128	315.48672	127.83011	5.53357	0.1445373	0.18284268	3.0743336	21	7 15.6	20.9
185195 2006 TX_{5}	16.4	X	88.25245	350.53935	357.23777	5.81431	0.1724206	0.27815513	2.3242241	21	—	—
185196 2006 TR_{10}	16.5	X	297.14406	131.37343	175.51495	9.98761	0.0355502	0.23796666	2.5790433	21	5 8.9	19.9
185197 2006 TP_{13}	16.5	X	183.17413	222.74808	146.80931	4.33971	0.0962830	0.23351372	2.6117270	21	3 10.9	20.3
185198 2006 TO_{23}	16.2	X	24.53847	356.38722	203.77639	9.92923	0.0265564	0.23600587	2.5933085	21	4 16.4	19.2
185199 2006 TB_{25}	15.7	X	249.08485	35.81144	341.49129	0.83457	0.0971673	0.17797089	3.1301854	21	6 1.5	20.4
185200 2006 TV_{25}	16.5	X	278.47644	128.45987	7.28087	1.83015	0.0129120	0.20451881	2.8530796	21	12 19.3	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185201 2006 TX_{36}	16.7	X	31.87001	125.08214	243.61200	1.72407	0.0767929	0.20190830	2.8776189	21	12 13.6	20.3
185202 2006 TD_{39}	15.9	X	337.28322	202.21437	35.77739	7.96199	0.1497874	0.23516568	2.5994817	21	3 18.5	18.9
185203 2006 TN_{39}	16.8	X	61.16540	122.58746	28.51947	3.81027	0.2272631	0.22874541	2.6478972	21	4 29.9	19.5
185204 2006 TM_{42}	15.4	X	193.52002	70.04887	40.99733	16.44404	0.2019206	0.17808713	3.1288232	21	7 30.7	21.0
185205 2006 TZ_{43}	16.8	X	201.52589	12.49776	222.65995	6.33733	0.1635095	0.27491387	2.3424569	21	—	—
185206 2006 TU_{44}	16.4	X	299.61604	47.67309	44.68250	7.71376	0.0488489	0.26522904	2.3991386	21	11 30.9	19.3
185207 2006 TP_{47}	16.8	X	78.05122	334.56536	71.10666	1.35002	0.1072357	0.21611179	2.7501122	21	—	—
185208 2006 TU_{47}	17.3	X	194.38595	178.53750	53.06667	2.33764	0.0574364	0.27327761	2.3517980	21	—	—
185209 2006 TA_{48}	16.4	X	41.30734	5.35704	67.73444	1.36373	0.0476265	0.21419934	2.7664572	21	—	—
185210 2006 TN_{50}	16.7	X	206.90976	195.39404	215.04510	0.69706	0.1105578	0.24064023	2.5599053	21	5 25.7	20.7
185211 2006 TQ_{50}	16.4	X	180.53923	161.59301	191.15250	1.51527	0.0972228	0.22643275	2.6658961	21	2 15.2	20.2
185212 2006 TB_{53}	16.9	X	219.89117	77.51280	164.75239	2.81989	0.1283021	0.27912933	2.3188130	21	—	—
185213 2006 TN_{53}	17.1	X	260.65069	335.26058	136.01839	1.65014	0.1432767	0.25952308	2.4341764	21	10 16.5	19.9
185214 2006 TZ_{54}	16.6	X	356.33762	287.84747	121.42111	4.86849	0.1611588	0.26911471	2.3759890	21	—	—
185215 2006 TP_{55}	16.8	X	250.94229	210.81275	154.61506	8.20000	0.1871025	0.24402611	2.5361709	21	5 9.6	20.8
185216 Gueiren	16.3	X	160.02927	289.14181	118.84691	3.09613	0.1882672	0.23253384	2.6190590	21	4 11.0	20.5
185217 2006 TS_{57}	16.4	X	196.70606	128.44298	24.80816	5.56011	0.0555893	0.26148548	2.4219825	21	10 3.7	19.5
185218 2006 TO_{59}	15.7	X	9.68069	341.65024	289.99817	3.91430	0.1042395	0.18014973	3.1048954	21	7 6.1	19.3
185219 2006 TO_{61}	16.3	X	189.28539	76.76553	228.97286	1.96124	0.0669381	0.22110428	2.7085568	21	—	—
185220 2006 TK_{62}	16.5	X	261.46823	218.94970	130.70386	12.30897	0.1024133	0.24605077	2.5222389	21	5 11.8	20.3
185221 2006 TK_{66}	16.2	X	58.74679	258.60447	103.19642	4.61541	0.1033280	0.20974697	2.8054697	21	—	—
185222 2006 TU_{66}	15.8	X	333.79737	160.70091	339.38842	7.74374	0.1010235	0.21661477	2.7458534	21	—	—
185223 2006 TS_{68}	17.3	X	76.23292	331.29126	111.46677	4.11063	0.0865451	0.29210653	2.2496167	21	1 13.8	19.5
185224 2006 TG_{70}	15.2	X	147.99806	90.47699	24.54719	14.54252	0.1823772	0.17253270	3.1956198	21	6 21.2	20.7
185225 2006 TV_{74}	15.9	X	194.79725	24.17002	20.19498	0.70214	0.1548981	0.17233022	3.1981224	21	5 8.6	21.0
185226 2006 TH_{76}	16.6	X	300.27480	181.29716	44.76289	7.57331	0.0533215	0.29379999	2.2409639	21	1 10.3	19.4
185227 2006 TN_{76}	15.4	X	209.18682	74.45258	1.31377	15.07320	0.2726415	0.17696911	3.1419871	21	6 23.9	21.2
185228 2006 TT_{77}	17.0	X	288.05511	348.60969	200.43820	4.28729	0.1316751	0.28258706	2.2998589	21	—	—
185229 2006 TS_{78}	15.5	X	220.58412	76.18327	321.31339	4.17033	0.1469676	0.17592670	3.1543863	21	5 22.9	20.6
185230 2006 TZ_{90}	17.0	X	4.10921	24.07263	227.29419	4.17581	0.0562165	0.30816819	2.1707552	21	5 22.2	19.0
185231 2006 TM_{91}	16.6	X	344.79889	105.42582	337.94396	1.34376	0.0619031	0.20471675	2.8512401	21	—	—
185232 2006 TX_{103}	17.2	X	115.68667	175.99337	67.74500	2.39997	0.0744113	0.26174473	2.4203830	21	10 27.9	20.5
185233 2006 TY_{109}	16.3	X	94.89344	332.39962	197.17757	3.29000	0.2715432	0.23682162	2.5873498	21	7 17.9	20.2
185234 2006 TH_{110}	16.0	X	205.79451	94.70173	334.20519	3.44414	0.0436640	0.17733301	3.1376872	21	6 22.0	20.6
185235 2006 TA_{115}	15.2	X	150.11840	304.04802	163.58993	15.31047	0.1784581	0.17167122	3.2063017	21	6 16.0	20.7
185236 2006 TP_{120}	15.4	X	169.43151	332.24645	124.19831	10.62837	0.0397583	0.17607302	3.1526385	21	6 15.5	20.1
185237 2006 TP_{121}	16.4	X	31.14992	186.21795	229.55934	1.49504	0.0531411	0.20851701	2.8164911	21	—	—
185238 2006 UK_{3}	17.4	X	18.71620	255.42720	142.46300	2.79573	0.2090295	0.27135494	2.3628939	21	—	—
185239 2006 UZ_{6}	16.5	X	46.91300	343.14463	108.74080	3.65945	0.0847143	0.21850849	2.7299655	21	—	—
185240 2006 UF_{12}	16.5	X	28.97231	61.98718	53.71406	7.42083	0.1612954	0.21781412	2.7357644	21	—	—
185241 2006 UR_{15}	15.4	X	301.98399	277.89913	63.44508	11.10637	0.0954696	0.17969777	3.1100993	21	6 21.9	19.6
185242 2006 UQ_{31}	16.2	X	115.92509	0.98877	224.50682	1.93726	0.0419354	0.19094626	2.9867253	21	9 22.7	20.6
185243 2006 UJ_{37}	16.4	X	241.06976	8.03436	230.20065	5.77350	0.0822868	0.28344510	2.2952152	21	—	—
185244 2006 UK_{38}	16.0	X	167.58788	259.31021	221.81398	4.10777	0.1462076	0.17655804	3.1468621	21	7 14.9	21.2
185245 2006 UM_{45}	16.8	X	11.72465	300.78858	68.24567	5.03447	0.1463619	0.26520956	2.3992560	21	12 9.6	19.4
185246 2006 UU_{54}	16.6	X	294.79498	343.59696	298.61084	4.07909	0.2063319	0.24070252	2.5594636	21	3 4.4	20.4
185247 2006 UW_{57}	17.5	X	12.56688	293.67014	158.71923	3.05908	0.1312406	0.27842710	2.3227103	21	—	—
185248 2006 UZ_{59}	16.7	X	53.25150	25.27083	2.39767	7.80025	0.1176779	0.27740931	2.3283881	21	—	—
185249 2006 UE_{62}	16.6	X	207.27875	357.08997	44.99543	5.21189	0.2315595	0.23941125	2.5686584	21	5 11.9	21.0
185250 Korostyshiv	15.3	X	221.89114	64.28255	333.84945	9.22081	0.0898543	0.17717445	3.1395591	21	5 27.6	20.2
185251 2006 UZ_{63}	16.6	X	189.16435	166.31575	32.03609	5.75457	0.0622908	0.19946705	2.9010504	21	11 11.4	21.0
185252 2006 UT_{64}	17.1	X	28.82934	75.85313	290.60833	0.31215	0.2029120	0.26869759	2.3784473	21	—	—
185253 2006 UR_{65}	15.5	X	351.58473	25.63267	44.67310	10.31523	0.0777006	0.20849229	2.8167138	21	—	—
185254 2006 UM_{70}	15.9	X	227.41122	273.22225	188.21125	15.21732	0.2953159	0.18216970	3.0819006	21	8 2.4	21.5
185255 2006 UW_{77}	16.6	X	346.01117	168.63980	327.76739	2.29560	0.0382875	0.21660748	2.7459149	21	—	—
185256 2006 UX_{78}	16.4	X	87.19961	18.20387	340.98269	3.05584	0.1051760	0.21227574	2.7831448	21	—	—
185257 2006 UW_{88}	16.0	X	266.73874	109.32720	14.09019	1.97007	0.0719341	0.19681144	2.9270883	21	11 9.5	20.0
185258 2006 US_{92}	17.2	X	127.84239	67.66541	74.57529	2.34564	0.0858302	0.24324953	2.5415659	21	6 27.5	20.6
185259 2006 UW_{92}	17.5	X	247.62144	323.73977	142.90862	2.02293	0.1430948	0.25776295	2.4452451	21	9 22.2	20.8
185260 2006 UU_{100}	17.0	X	204.05702	189.48621	109.82672	4.74525	0.1589223	0.29097447	2.2554478	21	—	—
185261 2006 UC_{120}	17.0	X	131.66077	284.05587	202.45989	4.84026	0.0895767	0.24142714	2.5543398	21	6 11.5	20.6
185262 2006 UD_{124}	17.8	X	324.99864	336.70789	190.09265	5.20748	0.0933620	0.28594664	2.2818095	21	—	—
185263 2006 UK_{127}	16.4	X	22.09184	222.02612	11.50248	5.46322	0.1540225	0.24307908	2.5427539	21	6 3.1	18.9
185264 2006 UC_{128}	15.9	X	296.47130	51.78073	338.83732	2.37071	0.0972730	0.18757286	3.0224286	21	8 19.0	19.8
185265 2006 UE_{128}	17.2	X	336.71606	60.34436	31.35255	4.33835	0.0872990	0.27556505	2.3387652	21	—	—
185266 2006 UZ_{128}	16.9	X	83.34953	109.03297	225.83152	1.49899	0.2153471	0.27618391	2.3352702	21	—	—
185267 2006 UZ_{134}	16.5	X	27.64118	270.05827	72.35912	3.04274	0.0515655	0.19684801	2.9267258	21	11 1.5	20.5
185268 2006 UP_{138}	17.1	X	210.03709	167.40471	358.64906	5.48337	0.0194533	0.26262334	2.4149817	21	11 8.5	20.3
185269 2006 UC_{142}	16.6	X	170.24794	320.19375	264.17624	4.59860	0.1049012	0.26616396	2.3935172	21	12 1.1	20.2
185270 2006 UX_{143}	16.5	X	198.04764	160.57349	265.11087	2.94875	0.0493271	0.24043894	2.5613338	21	6 6.6	19.9
185271 2006 UA_{154}	17.3	X	326.31815	317.68564	261.15136	2.49537	0.0652540	0.30183275	2.2010258	21	1 30.0	19.7
185272 2006 UL_{159}	16.9	X	26.05118	249.11134	103.07568	3.21660	0.0810898	0.20019130	2.8940492	21	11 16.1	20.6
185273 2006 UO_{170}	16.5	X	124.04175	283.33508	156.60128	3.34693	0.0826945	0.23170417	2.6253074	21	4 1.7	20.0
185274 2006 UR_{174}	16.7	X	26.33358	16.74410	12.65299	6.88785	0.1270938	0.27048353	2.3679662	21	—	—
185275 2006 UD_{176}	16.3	X	208.59566	295.50874	75.14640	7.60568	0.0748326	0.23830978	2.5765672	21	4 10.6	20.1
185276 2006 UN_{179}	16.2	X	73.66676	310.81271	167.89702	7.35791	0.1074287	0.22771451	2.6558829	21	3 19.1	19.2
185277 2006 UB_{181}	16.2	X	183.01001	167.11089	171.46606	10.46377	0.1290331	0.22635728	2.6664886	21	2 1.1	20.5
185278 2006 UE_{182}	15.8	X	216.54501	261.58782	181.89511	9.27182	0.1802110	0.17900082	3.1181670	21	7 11.9	21.0
185279 2006 UW_{188}	15.1	X	287.37196	27.55425	334.32100	12.52146	0.1156025	0.18401022	3.0613155	21	6 27.6	19.5
185280 2006 UH_{192}	16.3	X	73.72775	73.55938	340.82157	8.32115	0.1557962	0.21733159	2.7398123	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185281 2006 UA_{196}	16.4	X	185.97945	13.45850	29.89151	2.93992	0.1044962	0.23644127	2.5901238	21	4 24.6	20.4
185282 2006 US_{198}	16.5	X	234.29250	259.56954	219.67820	2.07281	0.1263622	0.18920627	3.0050085	21	9 17.4	21.0
185283 2006 UG_{199}	16.9	X	225.23131	330.96360	212.59254	2.08070	0.1244130	0.26662688	2.3907459	21	12 8.9	20.0
185284 2006 UJ_{201}	16.8	X	330.05169	210.39330	232.50006	1.56136	0.0921447	0.20081821	2.8880231	21	12 19.3	20.3
185285 2006 UX_{202}	15.5	X	187.16147	270.78931	144.74355	6.70845	0.1561426	0.17335773	3.1854729	21	5 17.2	20.7
185286 2006 UH_{203}	16.6	X	33.54134	294.68960	84.15102	6.22369	0.1479934	0.27310887	2.3527666	21	—	—
185287 2006 UV_{204}	15.5	X	58.83265	191.36435	244.41926	15.01121	0.1629732	0.21601810	2.7509073	21	—	—
185288 2006 UW_{207}	16.5	X	303.07038	81.11496	196.67572	0.55561	0.1446326	0.23813598	2.5778207	21	3 19.2	19.7
185289 2006 UM_{215}	16.2	X	171.42664	250.90150	123.17383	3.71357	0.1202837	0.22902496	2.6457421	21	3 6.8	20.3
185290 2006 UB_{219}	13.8	X	139.23488	42.54775	84.27855	7.13046	0.1329477	0.11085993	4.2916040	21	6 25.6	20.1
185291 2006 UT_{219}	16.1	X	167.20298	170.25805	126.49506	4.72743	0.0933977	0.21707014	2.7420118	21	—	—
185292 2006 UJ_{226}	16.1	X	9.02063	197.81287	197.11395	1.60211	0.0705041	0.20335966	2.8639110	21	12 15.0	19.7
185293 2006 UY_{227}	16.0	X	313.77341	354.29932	99.08749	3.23511	0.0240419	0.20395152	2.8583676	21	12 11.2	19.9
185294 2006 UW_{237}	16.5	X	1.52866	290.72615	181.17662	3.40067	0.1685735	0.21299025	2.7769170	21	—	—
185295 2006 UN_{239}	17.0	X	57.13815	225.31371	296.04363	0.79784	0.1091696	0.23313321	2.6145681	21	4 19.2	19.9
185296 2006 UO_{239}	16.3	X	215.60293	178.13652	347.20892	1.32546	0.0574859	0.19735058	2.9217548	21	11 1.2	20.6
185297 2006 UK_{252}	16.5	X	195.15107	143.48876	37.21464	2.03484	0.1211413	0.19581896	2.9369704	21	10 23.7	20.9
185298 2006 US_{256}	17.0	X	13.99059	332.27353	190.15874	3.36177	0.1061307	0.29519911	2.2338775	21	1 18.7	19.1
185299 2006 UT_{257}	17.2	X	231.31883	161.76895	18.83384	2.26740	0.1542228	0.27072328	2.3665680	21	12 8.7	20.2
185300 2006 UD_{261}	14.7	X	203.56034	240.46427	234.28808	10.97637	0.1656225	0.17838842	3.1252992	21	8 5.2	20.0
185301 2006 UY_{266}	14.8	X	222.76121	23.30501	27.49685	15.70624	0.0604343	0.17613677	3.1518778	21	6 15.6	19.7
185302 2006 UK_{270}	17.0	X	33.76435	84.52414	347.81178	3.87563	0.0432000	0.21187864	2.7866211	21	—	—
185303 2006 UB_{271}	17.1	X	219.60188	349.77146	228.23718	4.27199	0.0949291	0.27334184	2.3514295	21	—	—
185304 2006 UG_{271}	16.9	X	67.89682	105.81085	296.25093	3.63660	0.0676441	0.21335179	2.7737790	21	—	—
185305 2006 UA_{275}	17.2	X	240.22617	144.35877	342.46097	3.13843	0.0761073	0.26249988	2.4157388	21	10 18.7	20.3
185306 2006 UP_{276}	16.4	X	271.39707	3.98786	235.34582	1.93990	0.0435169	0.22481105	2.6787012	21	1 6.9	20.0
185307 2006 UA_{278}	17.4	X	316.37395	158.88397	351.83204	1.42345	0.0763946	0.27996398	2.3142021	21	—	—
185308 2006 UR_{286}	16.9	X	194.26860	180.95182	192.50113	2.01787	0.0770444	0.23298952	2.6156429	21	3 26.2	20.8
185309 2006 UN_{291}	16.4	X	334.65267	342.49929	75.29208	6.14147	0.1508769	0.26589608	2.3951245	21	12 13.9	18.3
185310 2006 UE_{321}	17.1	X	352.17915	121.46546	96.77385	2.61583	0.2189392	0.22740570	2.6582867	21	3 6.4	19.8
185311 2006 UO_{324}	16.4	X	259.93770	268.30739	75.10690	4.49109	0.0191028	0.23740514	2.5831085	21	5 9.2	19.7
185312 2006 UV_{325}	16.8	X	62.01288	324.24979	212.83636	3.11071	0.0705182	0.23385994	2.6091487	21	5 14.8	20.0
185313 2006 UA_{328}	16.9	X	232.68799	208.00118	6.07804	6.77563	0.0568109	0.27777422	2.3263484	21	—	—
185314 2006 UO_{328}	17.1	X	55.54294	72.64745	326.36445	6.86694	0.0966487	0.27897203	2.3196846	21	—	—
185315 2006 UV_{328}	16.5	X	220.13579	269.66375	54.96082	3.36278	0.0105014	0.22457301	2.6805938	21	2 25.5	20.1
185316 2006 UE_{329}	16.7	X	156.87682	357.04384	271.60313	0.93157	0.0222437	0.20477427	2.8507062	21	—	—
185317 2006 UL_{329}	15.6	X	286.82963	45.69195	358.48380	11.49690	0.1372686	0.18616298	3.0376694	21	8 20.5	19.7
185318 2006 UW_{330}	15.8	X	276.51170	248.97997	120.06965	10.51008	0.0863947	0.18127796	3.0919993	21	6 25.9	20.1
185319 2006 UG_{331}	16.2	X	334.49983	257.20723	147.47007	8.63502	0.1537235	0.19773443	2.9179725	21	11 9.0	19.5
185320 2006 UH_{331}	15.6	X	257.48556	247.09021	176.91744	8.73594	0.0204928	0.18540184	3.0459775	21	8 19.4	19.9
185321 Kammerlander	16.2	X	139.52048	166.08976	304.12272	7.06599	0.1145938	0.23736566	2.5833949	21	5 31.4	20.1
185322 2006 VF_{5}	16.5	X	343.65637	90.79378	316.60383	0.87707	0.0981903	0.20018080	2.8941504	21	11 24.5	19.8
185323 2006 VD_{6}	15.2	X	150.06720	237.80306	233.22464	16.33326	0.0943972	0.17120761	3.2120873	21	6 13.4	20.2
185324 2006 VE_{11}	16.5	X	30.50978	19.10028	59.28548	5.28778	0.0389922	0.21195041	2.7859921	21	—	—
185325 Anupabhagwat	15.3	X	45.19266	287.87652	323.01029	8.45286	0.0349795	0.18057354	3.1000354	21	7 27.2	19.4
185326 2006 VC_{17}	16.7	X	189.37475	189.19317	36.75677	4.35315	0.1271285	0.26975363	2.3722358	21	12 22.2	20.0
185327 2006 VP_{21}	16.2	X	343.99765	259.84547	52.24802	3.47309	0.0665174	0.18443124	3.0566548	21	7 20.4	20.1
185328 2006 VS_{25}	16.2	X	230.78964	169.45318	31.49957	3.09050	0.0553317	0.20413087	2.8566932	21	—	—
185329 2006 VK_{26}	16.3	X	219.08938	73.74289	355.36625	0.86434	0.1593636	0.17665302	3.1457340	21	6 29.4	21.3
185330 2006 VU_{26}	16.2	X	108.63538	251.05202	59.46864	2.92093	0.0548653	0.20323058	2.8651235	21	12 30.8	20.5
185331 2006 VG_{31}	15.9	X	218.06633	343.14806	54.70200	15.03386	0.0411097	0.23809670	2.5781042	21	5 24.3	19.5
185332 2006 VO_{32}	16.9	X	321.94029	207.37505	39.95945	1.44858	0.0519056	0.23395732	2.6084246	21	3 19.9	20.1
185333 2006 VG_{34}	16.6	X	91.36177	208.52025	214.21250	3.17773	0.1106924	0.22033647	2.7148455	21	1 30.3	20.0
185334 2006 VU_{34}	16.3	X	174.55824	52.63865	35.02401	4.63052	0.1157577	0.23886515	2.5725719	21	6 8.8	20.2
185335 2006 VO_{35}	17.7	X	272.33561	187.37244	123.30139	0.24095	0.1178982	0.30358499	2.1925484	21	3 20.7	20.4
185336 2006 VR_{35}	17.3	X	267.20796	334.13441	236.28832	1.83013	0.1577846	0.27973656	2.3154562	21	—	—
185337 2006 VH_{37}	17.0	X	245.91602	358.11649	338.81423	4.71459	0.1788676	0.30491700	2.1861584	21	3 20.8	20.2
185338 2006 VQ_{37}	16.1	X	239.64302	342.72402	349.07837	3.38109	0.1579059	0.23491396	2.6013383	21	3 17.5	20.0
185339 2006 VR_{37}	16.3	X	272.93195	320.34996	84.55894	7.61478	0.1313144	0.25210818	2.4816742	21	8 4.1	19.4
185340 2006 VT_{37}	15.9	X	319.89659	331.14420	100.63542	7.79536	0.2009347	0.19726314	2.9226183	21	11 14.9	18.9
185341 2006 VB_{38}	17.1	X	288.80664	328.33177	223.83550	4.01801	0.0851370	0.28088750	2.3091268	21	—	—
185342 2006 VF_{44}	16.0	X	195.53857	255.08104	109.82829	5.26633	0.2125710	0.23214675	2.6219695	21	3 21.7	20.5
185343 2006 VK_{46}	15.9	X	299.62463	314.56675	349.96159	1.72412	0.0595685	0.17162063	3.2069318	21	5 7.8	20.2
185344 2006 VS_{48}	16.9	X	146.93977	102.24821	258.70383	5.94389	0.1500565	0.28834597	2.2691339	21	1 14.3	19.9
185345 2006 VW_{53}	15.7	X	40.31326	341.55409	277.74410	6.04329	0.0847062	0.18047045	3.1012158	21	8 3.8	19.9
185346 2006 VH_{54}	16.1	X	184.01259	320.21336	153.64422	0.90673	0.0664302	0.17790224	3.1309907	21	7 22.9	20.9
185347 2006 VW_{55}	16.9	X	331.55554	176.11253	143.66751	0.97441	0.0816816	0.24730656	2.5136933	21	7 10.2	19.6
185348 2006 VM_{57}	16.4	X	10.76322	218.71875	195.51640	1.65428	0.0594360	0.20300507	2.8672449	21	—	—
185349 2006 VW_{57}	16.5	X	160.21156	302.49417	99.91844	3.77145	0.0932267	0.22955204	2.6416905	21	3 29.1	20.3
185350 2006 VQ_{61}	16.2	X	138.34395	303.88951	288.98000	1.07247	0.0208689	0.19255411	2.9700757	21	10 27.1	20.4
185351 2006 VV_{68}	16.2	X	35.53087	137.75098	229.13688	1.54990	0.0584438	0.19832941	2.9121337	21	12 12.8	19.9
185352 2006 VJ_{70}	17.3	X	239.89256	155.90183	125.90856	1.38908	0.1304933	0.28886182	2.2664316	21	1 8.9	20.5
185353 2006 VZ_{71}	16.4	X	123.08819	207.60475	144.96976	6.97954	0.0442715	0.21336737	2.7736440	21	—	—
185354 2006 VC_{74}	16.3	X	120.44132	303.14502	98.78755	3.39249	0.1403178	0.22065388	2.7122414	21	2 17.6	20.0
185355 2006 VK_{74}	16.0	X	62.85473	254.75623	78.12323	8.75282	0.1159254	0.26586412	2.3953164	21	12 25.6	19.2
185356 2006 VW_{75}	17.5	X	198.78742	256.87034	62.21789	6.50714	0.1462718	0.28820684	2.2698641	21	1 17.6	20.9
185357 2006 VP_{78}	15.7	X	240.63225	286.71990	157.43020	3.32390	0.0733525	0.18309544	3.0715037	21	8 18.1	20.1
185358 2006 VB_{83}	17.0	X	126.23841	335.31384	306.66599	1.67279	0.1989781	0.27228850	2.3574900	21	12 30.3	20.9
185359 2006 VG_{85}	15.9	X	10.69664	171.70544	290.63120	6.68821	0.1208359	0.20955081	2.8072203	21	—	—
185360 2006 VZ_{88}	16.4	X	58.79759	222.42363	117.17261	7.22798	0.1220086	0.26747662	2.3856799	21	12 30.7	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185361 2006 VX_{94}	16.4	X	244.85317	207.52357	77.72139	7.70262	0.0424001	0.22219861	2.6996564	21	2 5.0	20.3
185362 2006 VG_{96}	16.5	X	202.54673	46.77843	328.60491	1.96065	0.1155015	0.23169529	2.6253744	21	4 5.9	20.7
185363 2006 VK_{96}	16.8	X	264.39721	147.23498	216.97894	1.07608	0.1048331	0.24081793	2.5586458	21	5 30.4	20.2
185364 Sunweihsin	16.8	X	60.69035	127.00421	184.19877	4.88349	0.1543101	0.26233298	2.4167633	21	11 30.4	20.1
185365 2006 VW_{107}	16.5	X	181.19748	98.15903	316.42945	2.31580	0.1907236	0.23544516	2.5974241	21	5 5.4	20.9
185366 2006 VM_{110}	15.7	X	283.60843	345.61371	264.04072	13.52904	0.0583845	0.22274910	2.6952067	21	1 28.6	19.7
185367 2006 VW_{114}	16.2	X	304.52851	305.43025	339.77398	3.66298	0.1757208	0.23970997	2.5665239	21	3 25.1	19.7
185368 2006 VL_{116}	17.3	X	77.62283	194.06197	179.88190	2.07986	0.2287867	0.27883335	2.3204537	21	—	—
185369 2006 VJ_{117}	16.3	X	194.33110	167.39261	23.09918	2.09712	0.0555588	0.19511320	2.9440485	21	11 7.8	20.6
185370 2006 VJ_{120}	16.5	X	287.80251	323.63439	251.90006	6.22795	0.0538680	0.28652828	2.2787205	21	—	—
185371 2006 VA_{121}	16.4	X	254.61638	327.14461	65.35716	2.40172	0.1788876	0.17903176	3.1178078	21	6 17.3	21.1
185372 2006 VG_{129}	14.8	X	138.44836	259.90696	254.64590	17.83788	0.0597189	0.17678203	3.1442034	21	7 18.4	19.7
185373 2006 VM_{129}	15.0	X	80.20516	321.68279	266.13882	8.44531	0.0516032	0.18265240	3.0764684	21	8 10.9	19.4
185374 2006 VP_{129}	16.7	X	87.03276	27.74487	1.32047	3.77989	0.1708535	0.28172672	2.3045388	21	—	—
185375 2006 VY_{130}	16.8	X	68.94763	217.14764	205.80022	7.74686	0.2121138	0.21548209	2.7554673	21	1 8.8	19.7
185376 2006 VS_{135}	17.1	X	135.56188	228.06679	45.29728	2.00081	0.1714515	0.26930663	2.3748600	21	12 27.3	20.9
185377 2006 VH_{137}	16.1	X	178.73056	184.28632	252.02076	3.16596	0.0528680	0.17002708	3.2269382	21	5 31.4	20.9
185378 2006 VS_{138}	15.9	X	192.55777	16.40132	87.58735	2.55057	0.0811339	0.17682301	3.1437176	21	7 19.9	20.6
185379 2006 VF_{139}	16.1	X	328.61262	50.50696	251.07808	0.22844	0.1507532	0.17577155	3.1562423	21	6 3.1	20.0
185380 2006 VW_{142}	16.1	X	159.18530	6.75059	29.25385	13.60807	0.2883324	0.22951778	2.6419534	21	4 3.2	20.8
185381 2006 VC_{143}	16.0	X	213.18221	242.86164	164.99271	4.69316	0.1296204	0.23938456	2.5688493	21	5 29.0	19.9
185382 2006 VY_{154}	16.0	X	101.02176	249.98898	122.99351	6.65058	0.0842094	0.21521944	2.7577086	21	—	—
185383 2006 WE_{2}	15.7	X	343.43339	294.86259	231.10196	7.15543	0.1413694	0.21349646	2.7725258	21	—	—
185384 2006 WL_{6}	16.1	X	216.51021	5.05708	214.30830	10.35197	0.0711068	0.20421082	2.8559475	21	—	—
185385 2006 WR_{7}	16.4	X	156.49167	156.08470	165.20893	4.40136	0.0639764	0.21422632	2.7662250	21	—	—
185386 2006 WA_{13}	17.0	X	250.23429	149.99357	205.63411	4.85607	0.1368267	0.23821975	2.5772163	21	4 29.1	20.7
185387 2006 WK_{24}	16.0	X	134.44581	21.39994	150.78728	4.15577	0.1127174	0.17530004	3.1618994	21	8 13.4	21.0
185388 2006 WX_{37}	17.2	X	202.94637	46.98397	202.79828	6.96343	0.0813212	0.27626810	2.3347957	21	—	—
185389 2006 WJ_{42}	15.8	X	178.42025	34.24808	85.23175	9.31694	0.0733349	0.17791171	3.1308796	21	7 25.1	20.6
185390 2006 WG_{46}	16.2	X	107.51649	319.88040	48.53983	6.97794	0.0771938	0.21280326	2.7785435	21	—	—
185391 2006 WR_{46}	16.3	X	289.49186	6.55224	19.62857	2.60991	0.0385299	0.18122588	3.0925916	21	8 12.1	20.6
185392 2006 WP_{55}	16.3	X	267.75146	177.06885	295.84541	1.30849	0.0506771	0.19212406	2.9745062	21	10 30.8	20.4
185393 2006 WA_{58}	16.5	X	262.70440	39.75845	304.38140	3.71578	0.0768990	0.23906444	2.5711420	21	5 3.4	20.1
185394 2006 WU_{60}	15.7	X	201.73730	273.80342	168.81915	15.64473	0.2233576	0.17685861	3.1432958	21	6 27.7	21.3
185395 2006 WZ_{70}	16.8	X	132.60983	106.48000	14.73395	1.95592	0.0898957	0.23759618	2.5817236	21	6 5.1	20.3
185396 2006 WX_{79}	16.5	X	128.06362	284.60096	17.12657	2.01780	0.0450389	0.20381875	2.8596088	21	—	—
185397 2006 WN_{85}	16.2	X	141.59372	269.79302	92.24264	7.54739	0.0792154	0.21719735	2.7409410	21	1 15.8	20.1
185398 2006 WF_{92}	16.7	X	143.78008	119.07470	146.53418	1.59407	0.1656959	0.26960874	2.3730856	21	12 25.1	20.4
185399 2006 WL_{92}	15.8	X	282.42154	298.03431	87.16870	3.03835	0.1196520	0.18215240	3.0820957	21	7 19.7	20.0
185400 2006 WK_{94}	16.3	X	316.83797	335.19452	162.93953	2.30948	0.0155297	0.20850399	2.8166084	21	—	—
185401 2006 WG_{96}	16.6	X	293.52936	43.09368	97.82179	6.69974	0.0493756	0.27443023	2.3452083	21	—	—
185402 2006 WW_{108}	16.5	X	243.76282	35.10564	235.04383	3.50020	0.0316496	0.21770490	2.7366793	21	1 14.7	20.5
185403 2006 WV_{117}	16.5	X	275.21896	133.05686	251.84960	2.57316	0.2031677	0.24245865	2.5470898	21	6 26.8	19.8
185404 2006 WJ_{120}	16.1	X	132.25443	340.02045	230.71018	10.52927	0.0660584	0.25457944	2.4655880	21	9 28.4	19.7
185405 2006 WQ_{128}	16.3	X	165.99277	189.11331	110.71331	0.45393	0.0497379	0.21018017	2.8016136	21	—	—
185406 2006 WJ_{129}	15.6	X	331.13389	241.68972	56.44626	1.91115	0.1573963	0.17550204	3.1594727	21	6 1.8	19.4
185407 2006 WN_{129}	16.4	X	236.51327	199.76358	178.07571	6.03774	0.0150804	0.30527691	2.1844398	21	5 21.9	18.9
185408 2006 WT_{131}	16.4	X	184.03136	63.49425	216.67164	6.64988	0.0934894	0.27783017	2.3260361	21	—	—
185409 2006 WY_{140}	15.8	X	63.22171	234.21703	36.86644	1.96969	0.0302451	0.18677052	3.0310783	21	9 14.6	19.8
185410 2006 WD_{147}	16.0	X	153.47962	230.05233	39.34518	2.49912	0.0483369	0.20183221	2.8783420	21	12 29.8	20.3
185411 2006 WY_{158}	16.7	X	231.61487	300.77522	41.68815	5.78352	0.2181568	0.30089206	2.2056109	21	3 17.4	20.2
185412 2006 WN_{161}	16.1	X	235.86352	179.94322	65.12679	5.64802	0.0224903	0.21382556	2.7696803	21	—	—
185413 2006 WP_{163}	16.9	X	240.62395	142.89681	200.94037	3.03757	0.1338232	0.23555956	2.5965831	21	4 4.0	20.9
185414 2006 WS_{163}	16.3	X	88.43950	59.64107	216.95321	4.60525	0.0769399	0.26047944	2.4282147	21	11 7.6	19.5
185415 2006 WL_{171}	16.6	X	114.90618	12.15608	143.83561	1.60869	0.0836886	0.23851845	2.5750642	21	6 29.9	20.1
185416 2006 WU_{171}	16.5	X	248.41498	40.12800	215.42209	2.96060	0.0436534	0.21680381	2.7442569	21	1 2.0	20.5
185417 2006 WJ_{172}	16.8	X	313.05391	301.53886	73.73339	2.57482	0.0665551	0.25149366	2.4857151	21	9 2.6	19.7
185418 2006 WH_{182}	16.7	X	351.64606	11.31548	230.83143	1.95077	0.1641205	0.23268916	2.6178933	21	4 13.8	19.4
185419 2006 WU_{185}	16.4	X	132.35162	356.30872	102.68913	7.64068	0.1082029	0.23592582	2.5938951	21	5 11.2	20.2
185420 2006 WC_{191}	17.1	X	341.48325	185.79525	176.56932	3.16154	0.1058476	0.25737154	2.4477235	21	10 1.0	19.6
185421 2006 WL_{191}	16.4	X	60.01671	251.58888	264.78475	1.68175	0.1118443	0.22885082	2.6470840	21	4 17.5	19.3
185422 2006 WS_{192}	16.4	X	322.02543	27.29789	222.38115	1.28915	0.0252999	0.22859509	2.6490579	21	3 26.6	20.0
185423 2006 XM	15.6	X	200.54191	213.87059	211.44075	12.80606	0.1606276	0.23951270	2.5679330	21	6 6.4	19.8
185424 2006 XJ_{5}	15.7	X	218.38830	352.85602	48.03506	13.44871	0.2407045	0.23825189	2.5769845	21	5 18.3	20.1
185425 2006 XR_{7}	16.4	X	286.13631	263.47414	64.57530	5.12816	0.2316105	0.23958582	2.5674105	21	4 22.4	20.1
185426 2006 XW_{7}	16.2	X	272.72789	263.30692	103.03464	3.59779	0.1132994	0.24360942	2.5390622	21	6 11.8	19.6
185427 2006 XX_{7}	15.4	X	289.76272	286.82029	142.65084	10.53529	0.0894798	0.18889439	3.0083152	21	10 3.6	19.4
185428 2006 XX_{10}	14.9	X	196.13884	3.89944	89.78642	13.71114	0.0612633	0.17159602	3.2072384	21	7 11.5	19.7
185429 2006 XS_{16}	16.4	X	68.27164	93.24832	81.59655	4.77557	0.0281320	0.22933750	2.6433378	21	5 15.9	19.9
185430 2006 XE_{22}	16.0	X	300.53242	311.93791	83.87199	6.37103	0.1606233	0.18471995	3.0534689	21	8 25.2	19.8
185431 2006 XX_{25}	16.2	X	119.28050	56.69450	80.64483	4.39818	0.0592643	0.23627091	2.5913687	21	6 6.9	19.5
185432 2006 XO_{26}	15.0	X	123.22339	312.01849	234.59036	10.33774	0.0346182	0.17755405	3.1350827	21	8 8.2	19.7
185433 2006 XJ_{27}	16.5	X	359.39063	246.28228	57.16593	2.79563	0.0845767	0.31300562	2.1483315	21	8 9.4	18.2
185434 2006 XK_{31}	15.7	X	137.68659	268.09758	100.06653	15.37145	0.1370191	0.21794426	2.7346753	21	1 26.6	19.7
185435 2006 XC_{33}	16.1	X	174.14114	118.44013	10.72696	2.20114	0.0771475	0.24320173	2.5418989	21	8 3.2	19.8
185436 2006 XG_{38}	15.9	X	239.42353	129.81730	303.28989	2.95099	0.0780463	0.17448592	3.1717270	21	8 1.9	20.6
185437 2006 XB_{47}	16.5	X	23.56036	64.94128	82.04401	10.22535	0.1534728	0.21751354	2.7382841	21	2 5.8	19.5
185438 2006 XW_{47}	15.8	X	122.13332	66.73954	295.65406	5.95455	0.0524973	0.20953609	2.8073517	21	—	—
185439 2006 XR_{49}	15.8	X	210.78514	190.87117	116.17034	5.15192	0.0877217	0.21291085	2.7776073	21	1 24.2	20.1
185440 2006 XK_{52}	14.5	X	125.82260	295.12323	271.08490	19.76412	0.1042939	0.17794719	3.1304634	21	9 3.9	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185441 2006 XE_{54}	15.8	X	154.17082	74.59872	37.13787	7.26690	0.0870351	0.23656578	2.5892149	21	6 17.1	19.6
185442 2006 XQ_{54}	16.4	X	224.38759	33.39609	346.44109	3.87970	0.2307115	0.23708457	2.5854364	21	4 27.3	20.7
185443 2006 XG_{57}	15.3	X	336.00228	159.44497	305.74456	9.70606	0.0956560	0.20444159	2.8537979	21	—	—
185444 2006 XB_{59}	16.0	X	53.26431	141.30060	305.76387	3.35164	0.0328173	0.21101019	2.7942618	21	1 3.4	19.7
185445 2006 YA_{2}	14.4	X	15.85470	22.52642	279.79441	22.78883	0.0682890	0.17607505	3.1526142	21	8 13.0	18.9
185446 2006 YN_{6}	16.6	X	70.63530	206.51181	249.89581	1.03305	0.0331627	0.21842215	2.7306850	21	2 5.4	20.0
185447 2006 YT_{11}	16.8	X	71.52277	271.92958	69.71162	2.50131	0.1953467	0.26574254	2.3960470	21	—	—
185448 Nomentum	15.1	X	80.77096	180.01403	102.28756	11.64895	0.0672111	0.18183378	3.0856950	21	10 29.4	19.7
185449 2006 YG_{26}	16.5	X	292.56135	124.72223	80.48354	6.26362	0.0550805	0.20871551	2.8147051	21	—	—
185450 2006 YG_{30}	15.3	X	83.68050	166.63793	92.70290	10.48321	0.0370274	0.17965877	3.1105494	21	9 30.8	19.9
185451 2006 YS_{30}	16.5	X	65.54891	345.17486	30.94127	2.33189	0.0873518	0.20042681	2.8917817	21	—	—
185452 2006 YZ_{39}	16.5	X	327.07613	217.72862	226.18568	0.83971	0.0934940	0.19600568	2.9351048	21	12 14.8	19.9
185453 2006 YK_{41}	16.7	X	324.20414	123.96832	205.61759	2.23012	0.0342992	0.24194633	2.5506842	21	7 16.6	19.7
185454 2006 YW_{45}	16.4	X	231.47862	357.67213	89.43427	2.32718	0.1596908	0.17944798	3.1129848	21	8 2.9	21.3
185455 2006 YX_{46}	16.2	X	227.98753	292.44498	122.51301	1.92220	0.2090041	0.17497929	3.1657621	21	6 16.9	21.3
185456 2007 AT	16.2	X	268.07654	35.38593	124.34244	2.89416	0.0454256	0.19496620	2.9455281	21	12 29.7	20.2
185457 2007 AN_{2}	15.2	X	67.17210	135.42093	66.81452	28.28027	0.0193343	0.23355493	2.6114198	21	6 15.3	18.7
185458 2007 AO_{6}	15.0	X	205.00411	30.88402	116.69640	18.99611	0.0814663	0.17785045	3.1315984	21	10 2.6	20.0
185459 2007 AD_{8}	15.1	X	110.03121	95.30216	122.27005	9.81110	0.0329347	0.17377541	3.1803665	21	9 6.7	19.7
185460 2007 AG_{14}	15.1	X	247.60907	325.28648	121.26571	12.67987	0.0567666	0.17762282	3.1342734	21	9 3.8	19.7
185461 2007 BK_{1}	15.2	X	212.78857	44.61040	88.08291	8.23408	0.0947783	0.17821110	3.1273720	21	9 18.1	20.0
185462 2007 BH_{4}	15.3	X	185.51345	112.53600	89.48225	11.03180	0.0414674	0.18616263	3.0376732	21	11 14.8	19.8
185463 2007 BQ_{4}	14.5	X	114.41364	147.38473	127.00409	28.54430	0.1369836	0.18073033	3.0982422	21	12 3.8	19.9
185464 2007 BS_{5}	14.8	X	78.02233	89.67641	77.04157	13.13654	0.0724499	0.15889526	3.3759455	21	5 29.0	19.4
185465 2007 BC_{18}	16.3	X	64.24023	248.64210	117.65374	6.28580	0.2241529	0.26665005	2.3906075	21	—	—
185466 2007 BT_{35}	15.7	X	56.29068	224.20654	118.58265	10.29194	0.0552608	0.19038896	2.9925509	21	12 8.6	20.0
185467 2007 BN_{37}	16.1	X	129.03815	174.31307	134.99211	2.55319	0.0975805	0.19622115	2.9329557	21	—	—
185468 2007 BR_{42}	15.2	X	9.13688	238.90548	137.78837	11.98123	0.0862814	0.18606524	3.0387330	21	11 23.6	19.3
185469 2007 BQ_{45}	15.9	X	348.94462	187.15878	141.52237	4.50566	0.0867858	0.17271473	3.1933741	21	8 17.5	19.8
185470 2007 BT_{45}	15.7	X	255.86826	10.47758	116.69546	6.30505	0.0469988	0.18399208	3.0615167	21	11 4.8	20.0
185471 2007 BV_{45}	15.2	X	120.50568	156.48703	120.36483	10.34921	0.0748435	0.18303670	3.0721607	21	12 3.1	19.9
185472 2007 BZ_{62}	16.3	X	183.24876	89.80712	211.43154	1.51638	0.0523420	0.20203455	2.8764199	21	—	—
185473 2007 BE_{67}	15.7	X	27.94562	230.13195	145.71259	3.22032	0.1113375	0.18661518	3.0327602	21	12 18.7	19.7
185474 2007 BR_{74}	15.3	X	95.36493	154.10641	138.04027	5.42039	0.1305663	0.18107624	3.0942952	21	11 29.0	20.1
185475 2007 BA_{75}	15.9	X	293.88517	17.31251	86.70611	2.53389	0.0588207	0.18684723	3.0302487	21	11 22.2	19.7
185476 2007 CL_{4}	16.1	X	44.16309	335.63819	1.95772	1.89665	0.0680171	0.18400993	3.0613187	21	11 15.9	20.2
185477 2007 CK_{6}	16.8	X	308.08259	304.31084	54.55307	1.78976	0.1953799	0.24438070	2.5337170	21	7 10.9	19.5
185478 2007 CD_{7}	15.4	X	275.67899	8.95402	72.66650	10.25769	0.1137830	0.18297377	3.0728651	21	9 27.9	19.7
185479 2007 CN_{10}	16.6	X	131.78840	230.51069	133.04405	6.87367	0.2096901	0.27756088	2.3275403	21	1 10.7	19.5
185480 2007 CX_{27}	15.3	X	199.49323	19.70396	139.94754	11.74534	0.0285824	0.17839504	3.1252219	21	10 11.6	19.9
185481 2007 CF_{34}	16.4	X	112.77254	283.44161	145.46157	4.56555	0.0823821	0.21503953	2.7592466	21	3 6.4	20.2
185482 2007 CK_{38}	15.6	X	337.25461	207.96146	146.19759	5.85005	0.1859772	0.17636643	3.1491409	21	8 28.5	18.9
185483 2007 DX_{5}	14.8	X	26.32393	155.53703	138.18167	21.66788	0.0592929	0.16792537	3.2538074	21	8 27.8	19.1
185484 2007 DB_{85}	14.8	X	309.00481	173.50024	83.75351	11.03556	0.0333873	0.15233447	3.4721936	21	4 3.3	19.8
185485 2007 EL_{68}	13.6	X	258.34444	329.36245	23.24284	4.18705	0.0286252	0.08281362	5.2127658	21	5 25.1	20.6
185486 2007 EP_{75}	12.9	X	6.57644	70.00016	191.80945	14.83319	0.0705212	0.08203290	5.2457870	21	6 19.0	19.7
185487 2007 ED_{139}	13.2	X	320.65287	240.07404	49.82738	5.32255	0.0603972	0.08259264	5.2220596	21	5 22.9	19.9
185488 2007 EF_{159}	16.2	X	115.08311	207.89609	143.91330	2.81929	0.0470002	0.19835279	2.9119048	21	—	—
185489 2007 FK_{33}	13.6	X	155.41903	293.39840	168.57620	2.20943	0.0148445	0.08469029	5.1354711	21	6 6.8	20.4
185490 2007 GR_{1}	12.9	X	314.46125	279.70335	26.01592	30.24951	0.0170029	0.08530002	5.1109696	21	5 28.8	20.0
185491 2007 GP_{3}	17.3	X	323.51743	48.44136	167.45155	1.18424	0.1336696	0.27032976	2.3688641	21	1 18.9	20.1
185492 2007 HA_{8}	12.6	X	113.20141	313.51842	196.02074	19.07275	0.0410951	0.08137513	5.2740175	21	6 16.3	19.8
185493 2007 PO_{42}	16.6	X	60.35382	155.99001	215.99657	2.59220	0.2671605	0.29771488	2.2212751	21	—	—
185494 2007 RB_{33}	15.8	X	300.69237	164.89501	204.33127	11.06211	0.1116261	0.20428955	2.8552137	21	7 22.8	19.7
185495 2007 RV_{141}	16.8	X	241.96631	19.34440	350.06062	1.03035	0.2022228	0.26265648	2.4147785	21	4 30.7	20.6
185496 2007 RR_{241}	15.8	X	145.27355	230.08742	127.54783	0.33339	0.1709974	0.17356319	3.1829585	21	1 31.5	20.8
185497 2007 RJ_{260}	17.4	X	178.09933	235.29866	222.00175	2.32098	0.1420724	0.25934842	2.4352692	21	6 25.6	21.0
185498 2007 SN	16.1	X	253.88158	137.73179	248.02330	7.64712	0.2551529	0.26728844	2.3867995	21	5 28.6	19.7
185499 2007 TV_{40}	16.1	X	271.52526	204.47053	183.21976	1.83938	0.1171697	0.19589911	2.9361691	21	7 8.6	20.1
185500 2007 TA_{54}	16.3	X	9.19270	288.04450	71.85260	1.40855	0.0880905	0.21186402	2.7867493	21	11 4.1	19.5
185501 2007 TR_{57}	16.4	X	271.56939	248.48720	211.97797	3.69150	0.0712396	0.20914938	2.8108111	21	10 20.1	20.1
185502 2007 TF_{126}	15.5	X	88.02879	341.46684	152.36300	0.98818	0.1302255	0.17782853	3.1318558	21	5 7.3	19.7
185503 2007 TK_{165}	16.0	X	219.51781	251.09981	136.95391	1.81568	0.2095560	0.18652963	3.0336874	21	5 8.7	21.0
185504 2007 TQ_{230}	15.8	X	80.97651	276.77982	79.92460	3.61473	0.0919788	0.22448817	2.6812692	21	—	—
185505 2007 TU_{251}	15.8	X	126.14148	342.97305	320.27202	8.75485	0.1598872	0.22692466	2.6620421	21	—	—
185506 2007 TJ_{315}	15.7	X	234.32297	315.12195	68.56269	1.15969	0.1206958	0.18847709	3.0127540	21	5 21.9	20.3
185507 2007 TE_{335}	17.7	X	178.02857	189.85955	243.99761	0.64819	0.1710782	0.25565848	2.4586455	21	5 26.5	21.4
185508 2007 TO_{335}	16.0	X	329.86376	298.29654	29.89709	1.98011	0.1139091	0.19626308	2.9325380	21	7 16.2	19.4
185509 2007 TJ_{361}	16.1	X	312.89089	267.13249	95.34254	1.71289	0.1778146	0.19925050	2.9031520	21	7 26.7	19.3
185510 2007 TA_{364}	15.8	X	322.54164	318.94100	109.47599	3.91161	0.0829765	0.20270356	2.8700875	21	11 20.5	19.4
185511 2007 TR_{414}	16.6	X	14.37526	198.75832	153.51733	2.95949	0.1780226	0.28289352	2.2981977	21	11 30.4	18.9
185512 2007 UL	17.1	X	295.91525	138.68271	266.06758	3.14057	0.1824042	0.27776063	2.3264243	21	8 30.5	19.4
185513 2007 UY_{46}	15.7	X	335.22546	221.76354	107.98982	3.65681	0.1045635	0.19730003	2.9222539	21	7 28.2	19.1
185514 2007 UE_{79}	16.8	X	78.06164	29.62525	175.26151	0.54082	0.1482151	0.26185079	2.4197293	21	7 29.4	19.7
185515 2007 UW_{104}	16.7	X	281.81568	138.40088	95.79815	4.34188	0.0493534	0.23449497	2.6044360	21	1 10.5	20.2
185516 2007 UB_{116}	17.2	X	189.30479	219.02291	90.01836	3.12870	0.1645608	0.30931402	2.1653909	21	—	—
185517 2007 VQ_{28}	16.3	X	80.55609	259.32695	259.93382	0.52523	0.0890793	0.18023746	3.1038878	21	5 23.3	20.6
185518 2007 VG_{51}	15.6	X	247.08337	270.52052	254.07518	7.62134	0.0914755	0.21474793	2.7617438	21	12 6.6	19.3
185519 2007 VT_{63}	16.6	X	152.36070	239.02699	98.71678	2.04994	0.0644432	0.23110068	2.6298757	21	—	—
185520 2007 VM_{65}	16.0	X	266.91515	339.09632	54.26836	3.11116	0.1372484	0.19197415	2.9760545	21	7 7.9	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185521 2007 VA_{67}	16.2	X	115.18961	215.48151	292.65913	1.14228	0.1458691	0.18014505	3.1049492	21	6 27.9	20.8
185522 2007 VH_{75}	16.6	X	335.62334	323.03817	177.69257	1.53490	0.0950033	0.22811992	2.6527353	21	—	—
185523 2007 VZ_{145}	16.7	X	177.37030	215.91671	277.08414	5.47329	0.0798002	0.26457336	2.4031007	21	8 10.4	20.2
185524 2007 VK_{162}	16.4	X	356.37567	164.52868	288.77010	1.75419	0.0615466	0.22220937	2.6995693	21	—	—
185525 2007 VJ_{164}	17.2	X	46.50986	75.04274	136.87384	1.90022	0.1331587	0.25756063	2.4465254	21	6 16.5	19.5
185526 2007 VT_{190}	15.7	X	129.15701	334.99137	115.22510	3.04209	0.1057859	0.17569478	3.1571616	21	4 29.1	20.3
185527 2007 VE_{238}	17.0	X	102.43469	143.48193	236.49112	0.92823	0.2374833	0.23261239	2.6184693	21	1 8.0	19.9
185528 2007 VR_{243}	15.7	X	31.03625	19.45985	223.12164	1.96017	0.1105848	0.18745613	3.0236831	21	7 2.2	19.4
185529 2007 WE_{12}	15.2	X	177.66415	269.61382	110.24203	10.47153	0.0962395	0.17456737	3.1707403	21	3 28.5	20.3
185530 2007 WT_{12}	15.2	X	207.60302	102.37368	5.55718	10.03214	0.0766758	0.18030603	3.1031008	21	8 13.9	20.0
185531 2007 WR_{23}	16.2	X	317.50581	232.64438	118.30852	3.20875	0.0812434	0.19750898	2.9201925	21	7 30.8	19.9
185532 2007 WR_{42}	14.8	X	211.90180	164.63970	126.23371	11.13055	0.0554463	0.14722095	3.5521365	21	1 17.2	20.0
185533 2007 WG_{53}	15.9	X	84.04301	198.88535	129.05384	1.14369	0.0722242	0.21407801	2.7675024	21	12 28.2	19.9
185534 2007 WP_{54}	15.3	X	266.70732	269.21663	141.59991	9.32365	0.0258694	0.18354693	3.0664646	21	8 14.9	19.4
185535 Gangda	15.6	X	152.50723	243.72105	117.16491	6.46315	0.2517779	0.23903881	2.5713258	21	2 9.9	19.7
185536 2007 XS_{3}	15.8	X	336.49126	261.50759	97.15628	3.39600	0.0705334	0.20156926	2.8808447	21	9 11.7	19.4
185537 2007 XK_{12}	16.3	X	338.01372	273.74238	215.63840	4.04065	0.1730976	0.22384754	2.6863824	21	—	—
185538 Fangcheng	16.0	X	103.69846	322.87041	61.63057	6.95743	0.1426466	0.22668382	2.6639273	21	1 2.9	19.3
185539 2007 XS_{28}	16.6	X	59.17979	121.69421	287.85943	1.09656	0.0861311	0.22472989	2.6793462	21	—	—
185540 2007 XQ_{32}	15.9	X	229.37987	143.12901	84.45069	4.86725	0.0381199	0.20942754	2.8083217	21	—	—
185541 2007 XE_{33}	15.7	X	269.24515	265.19160	184.92423	9.25492	0.1048619	0.18936045	3.0033771	21	9 26.3	19.7
185542 2007 XM_{39}	16.7	X	208.52990	190.72474	303.56559	8.37915	0.1119083	0.26623325	2.3931019	21	9 12.7	20.4
185543 2007 XY_{39}	16.3	X	135.66606	221.95690	308.19690	8.19355	0.1460732	0.25597526	2.4566166	21	8 16.7	20.0
185544 2007 YN_{28}	16.7	X	115.69769	242.35760	148.02790	23.29284	0.0995344	0.36817816	1.9279571	21	—	—
185545 2007 YH_{31}	16.3	X	59.16255	319.89138	90.43962	3.12634	0.0737678	0.22119831	2.7077892	21	—	—
185546 Yushan	17.4	X	254.82091	290.17432	154.16187	1.34649	0.1463289	0.26687091	2.3892883	21	8 31.5	20.5
185547 2007 YS_{33}	16.1	X	49.52377	190.74550	95.45194	5.20419	0.1135859	0.19844662	2.9109869	21	10 1.3	20.0
185548 2007 YG_{45}	18.0	X	356.61969	114.87910	157.61483	0.89766	0.0765055	0.32147321	2.1104393	21	6 10.3	19.7
185549 2007 YX_{52}	16.5	X	60.55474	242.46682	109.55548	7.44093	0.0366938	0.28130775	2.3068264	21	—	—
185550 2007 YP_{57}	15.7	X	359.87690	192.97277	84.81985	4.87620	0.1101862	0.18550333	3.0448664	21	6 27.7	19.2
185551 2007 YT_{58}	17.2	X	321.20774	162.24239	342.14689	6.25183	0.0833614	0.28917581	2.2647907	21	—	—
185552 2007 YY_{58}	16.2	X	194.95507	301.93358	156.44079	6.10762	0.2676066	0.18309162	3.0715464	21	7 9.8	21.7
185553 2008 AX_{4}	17.7	X	213.17626	320.42202	192.52620	1.02834	0.1315471	0.26758205	2.3850532	21	10 14.8	20.9
185554 Bikushev	15.4	X	110.37242	120.55067	132.63322	9.47148	0.0419741	0.19318974	2.9635574	21	10 25.5	19.8
185555 2008 AP_{8}	17.3	X	275.14171	208.79151	299.55798	1.50635	0.1487385	0.27927409	2.3180117	21	—	—
185556 2008 AY_{8}	16.0	X	108.71298	151.25447	121.61445	3.17337	0.0500486	0.19742363	2.9210341	21	11 14.9	20.2
185557 2008 AF_{16}	16.9	X	175.28646	124.03105	144.76488	6.89501	0.1211037	0.28344230	2.2952303	21	—	—
185558 2008 AG_{19}	15.7	X	130.76926	241.18612	351.03152	2.66973	0.1431451	0.19053215	2.9910514	21	10 23.5	20.4
185559 2008 AO_{22}	16.9	X	228.06961	39.16252	79.46440	2.87515	0.2005711	0.18992380	2.9974351	21	9 4.9	21.6
185560 Harrykroto	17.1	X	281.05255	190.18877	341.42240	2.89674	0.0860681	0.28456872	2.2891694	21	—	—
185561 2008 AV_{31}	15.6	X	174.77903	336.56752	119.66325	10.30474	0.1739524	0.17926680	3.1150819	21	6 22.8	20.8
185562 2008 AU_{32}	17.0	X	235.20526	27.23041	128.17086	5.77100	0.0469184	0.27538407	2.3397898	21	11 29.1	19.9
185563 2008 AL_{34}	17.2	X	99.85748	292.63767	105.69348	3.68522	0.0649883	0.29759583	2.2218675	21	—	—
185564 2008 AO_{42}	16.8	X	159.73008	359.05161	157.95065	4.45639	0.0820485	0.25749069	2.4469684	21	8 23.7	20.4
185565 2008 AR_{42}	15.1	X	156.50968	234.65006	282.19995	8.91140	0.1009018	0.18393335	3.0621683	21	8 14.1	19.9
185566 2008 AY_{43}	17.8	X	209.92026	66.21279	318.70832	3.90245	0.0994134	0.31550842	2.1369552	21	4 17.9	20.6
185567 2008 AQ_{59}	17.7	X	192.89965	24.42789	148.57350	2.30534	0.1077365	0.26745102	2.3858321	21	10 21.7	21.2
185568 2008 AE_{71}	17.0	X	258.72161	276.84816	161.52026	1.49409	0.1552076	0.26353925	2.4093830	21	8 26.5	19.9
185569 2008 AS_{77}	15.6	X	52.50697	330.86586	318.06855	8.29434	0.0650409	0.19077080	2.9885563	21	9 24.3	19.7
185570 2008 AA_{78}	15.8	X	148.92153	102.86155	4.29189	1.96023	0.0618392	0.17380546	3.1799999	21	6 5.4	20.4
185571 2008 AT_{98}	17.1	X	178.09544	133.34615	43.67385	2.85995	0.1195365	0.26426846	2.4049487	21	10 9.8	20.7
185572 2008 AP_{103}	15.5	X	231.39147	328.92157	303.00838	13.61883	0.1286666	0.22489028	2.6780720	21	1 1.1	19.8
185573 2008 AE_{106}	17.2	X	234.15091	219.84889	319.45538	5.58309	0.1442920	0.27822097	2.3238574	21	12 13.8	20.0
185574 2008 BV_{4}	17.1	X	84.68147	138.00612	89.87740	5.83373	0.1070851	0.25512047	2.4621009	21	9 4.8	20.4
185575 2008 BF_{15}	16.4	X	318.31811	1.76296	138.35120	1.43928	0.2124811	0.21112333	2.7932634	21	—	—
185576 Covichi	17.2	X	196.66151	336.37692	127.28406	2.26201	0.1389163	0.25648129	2.4533844	21	7 22.8	21.0
185577 Hhaihao	16.5	X	262.90503	282.10340	148.44834	2.14903	0.2363900	0.19175274	2.9783449	21	8 5.9	20.8
185578 2008 BJ_{16}	16.5	X	142.63336	318.13709	106.34256	0.99760	0.1458250	0.23919250	2.5702242	21	4 9.6	20.2
185579 2008 BS_{16}	16.8	X	229.37420	20.03594	146.15414	6.58807	0.0484017	0.27428160	2.3460554	21	12 5.2	19.8
185580 Andratx	17.0	X	133.93433	273.81561	256.96925	2.38461	0.0704204	0.25506288	2.4624715	21	8 10.6	20.4
185581 2008 BM_{20}	17.1	X	268.63439	165.89509	324.34945	4.26946	0.0618737	0.27481894	2.3429963	21	12 7.9	19.8
185582 2008 BZ_{20}	16.2	X	268.96707	277.13562	310.07841	1.13107	0.1674021	0.21401069	2.7680828	21	—	—
185583 2008 BG_{22}	17.2	X	164.25138	29.00177	191.28537	0.99515	0.1284333	0.26608705	2.3939784	21	11 19.1	20.8
185584 2008 BW_{22}	15.9	X	104.43806	253.67627	356.32819	2.61622	0.1045710	0.18623527	3.0368832	21	10 15.8	20.4
185585 2008 BF_{23}	16.1	X	144.85446	182.69223	150.55648	6.97842	0.0577903	0.21300785	2.7767640	21	—	—
185586 2008 BJ_{24}	17.3	X	245.37338	207.17281	321.44851	1.77977	0.1371520	0.27603205	2.3361266	21	12 15.7	19.9
185587 2008 BR_{24}	16.2	X	140.51048	246.17856	143.29704	15.51319	0.0953134	0.23030315	2.6359437	21	2 17.2	19.8
185588 2008 BH_{26}	15.0	X	340.01100	219.24794	96.20077	12.09006	0.1133808	0.18157059	3.0886762	21	7 15.5	18.7
185589 2008 BS_{31}	17.4	X	293.15085	27.22521	140.76462	4.21577	0.0781909	0.28453291	2.2893615	21	—	—
185590 2008 BJ_{33}	16.8	X	167.32462	79.73216	148.14931	4.98687	0.1242301	0.26703496	2.3883096	21	12 2.7	20.3
185591 2008 BP_{35}	16.3	X	64.67916	181.28019	131.38453	3.60068	0.2316325	0.26182813	2.4198689	21	12 15.0	19.8
185592 2008 BR_{35}	16.0	X	66.97073	217.18175	117.07929	3.60014	0.0379895	0.19623026	2.9328649	21	12 8.8	20.1
185593 2008 BC_{41}	15.6	X	99.26812	94.17625	90.37486	6.06980	0.0614128	0.17748726	3.1358691	21	7 15.3	20.0
185594 2008 BG_{42}	15.6	X	319.14322	191.07867	358.64609	10.03010	0.1733226	0.21958762	2.7210142	21	—	—
185595 2008 CR_{2}	16.2	X	238.21480	269.94198	8.08474	3.74277	0.0907869	0.21687735	2.7436365	21	1 17.1	20.3
185596 2008 CP_{3}	17.2	X	171.01359	102.45765	117.46406	3.33510	0.1328177	0.26703880	2.3882868	21	11 25.7	20.7
185597 2008 CH_{4}	17.5	X	348.87331	55.21800	155.07804	5.57826	0.1064195	0.30179071	2.2012302	21	2 14.8	19.8
185598 2008 CY_{5}	17.3	X	61.77703	152.61443	325.83922	17.54183	0.0876355	0.37599962	1.9011269	21	1 21.3	18.6
185599 2008 CJ_{7}	14.3	X	219.61722	197.09583	331.36863	7.45412	0.0616442	0.12392320	3.9844433	21	10 27.7	20.2
185600 2008 CT_{14}	16.2	X	164.45708	144.80836	115.46627	6.97395	0.1059477	0.27380045	2.3488031	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185601 2008 CC_{16}	16.3	X	139.17480	113.24798	90.87134	6.21144	0.0897137	0.26121839	2.4236332	21	10 6.3	19.8
185602 2008 CF_{23}	17.6	X	298.16273	210.42308	300.61247	1.82296	0.1371732	0.28248251	2.3004264	21	—	—
185603 2008 CQ_{23}	16.6	X	43.76652	144.38763	145.79943	7.56002	0.0943004	0.25618255	2.4552913	21	10 2.4	19.6
185604 2008 CX_{23}	15.7	X	188.24249	350.97960	155.38824	5.46080	0.0786658	0.18415882	3.0596685	21	9 6.4	20.2
185605 2008 CW_{25}	14.9	X	163.84617	136.56527	71.85851	14.09152	0.3322497	0.18627387	3.0364637	21	10 28.9	20.7
185606 2008 CH_{29}	16.9	X	13.87162	56.56575	357.48332	3.36332	0.0892775	0.20844006	2.8171843	21	—	—
185607 2008 CK_{35}	16.2	X	171.79592	49.06839	144.30576	4.49965	0.0992205	0.19029880	2.9934960	21	10 17.9	20.8
185608 2008 CA_{38}	15.2	X	140.15620	254.81781	312.28082	7.82019	0.2737298	0.18381142	3.0635224	21	10 3.4	20.7
185609 2008 CT_{42}	16.7	X	320.96791	308.75103	304.90243	5.96414	0.1610452	0.30253519	2.1976176	21	2 23.7	19.4
185610 2008 CZ_{44}	16.5	X	318.66020	141.30086	99.74906	3.72230	0.0736107	0.22691695	2.6621024	21	3 6.2	20.0
185611 2008 CK_{46}	15.8	X	249.01101	62.00408	183.48562	9.44507	0.1955404	0.21028221	2.8007071	21	—	—
185612 2008 CT_{49}	14.9	X	104.11043	187.03145	339.11829	7.88107	0.0238864	0.17261444	3.1946109	21	6 22.5	19.5
185613 2008 CE_{50}	15.3	X	276.99326	50.13011	340.09579	9.05966	0.0649724	0.18119635	3.0929276	21	7 29.1	19.6
185614 2008 CD_{61}	16.0	X	357.11283	269.47707	91.55470	3.95813	0.0881424	0.18892988	3.0079384	21	10 15.8	19.7
185615 2008 CZ_{66}	15.6	X	7.64819	220.45533	335.00316	12.16200	0.1271500	0.22754387	2.6572105	21	3 9.8	18.4
185616 2008 CC_{72}	15.4	X	343.67601	349.79353	167.62787	14.48096	0.1539746	0.21604724	2.7506599	21	—	—
185617 2008 CS_{85}	16.8	X	98.84155	256.73263	50.16839	3.11240	0.2246262	0.26866315	2.3786506	21	—	—
185618 2008 CR_{93}	16.7	X	19.37567	270.96298	182.62072	3.34642	0.0606616	0.21357460	2.7718495	21	—	—
185619 2008 CH_{97}	16.1	X	134.62456	214.98458	135.06552	7.44182	0.0418377	0.21613871	2.7498838	21	—	—
185620 2008 CL_{120}	15.3	X	231.74374	198.97995	11.58606	8.15529	0.2408450	0.20431754	2.8549529	21	12 23.0	19.7
185621 2008 CA_{121}	15.9	X	27.96466	3.15606	139.59982	13.12455	0.1390666	0.22144296	2.7057944	21	2 4.2	18.8
185622 2008 CH_{127}	16.7	X	286.35792	321.38537	324.73886	5.02124	0.1144039	0.23179515	2.6246203	21	3 13.1	20.4
185623 2008 CJ_{135}	17.3	X	209.51740	36.68819	158.88680	3.77052	0.1450185	0.27213709	2.3583643	21	12 4.7	20.5
185624 2008 CU_{163}	15.5	X	245.80573	284.37206	146.58157	9.66256	0.0667535	0.18362603	3.0655840	21	8 8.2	19.9
185625 2008 CD_{167}	15.3	X	40.92832	190.86660	110.30930	12.05542	0.2683296	0.18467786	3.0539329	21	11 1.7	19.5
185626 2008 CU_{175}	15.3	X	301.78431	316.92418	359.33089	13.21094	0.1730615	0.24146070	2.5541030	21	4 28.4	18.7
185627 2008 CC_{178}	15.1	X	38.07231	198.86354	18.31199	9.55665	0.0297183	0.17017523	3.2250651	21	5 31.2	19.6
185628 2008 CD_{179}	15.8	X	265.75102	166.41998	58.58716	9.29204	0.1670863	0.21227916	2.7831149	21	—	—
185629 2008 CY_{180}	16.3	X	44.69655	289.89461	171.12513	12.87906	0.2312801	0.22289006	2.6940702	21	1 9.0	18.8
185630 2008 CZ_{180}	16.9	X	234.92568	339.08905	223.72329	4.37200	0.1951424	0.27560390	2.3385454	21	—	—
185631 2008 CZ_{181}	16.4	X	152.83005	167.13670	92.80790	7.12978	0.0858172	0.27067996	2.3668205	21	12 29.4	19.8
185632 2008 CS_{183}	15.2	X	220.89903	41.63417	16.05714	10.73871	0.0548893	0.17404417	3.1770916	21	6 24.6	20.1
185633 Rainbach	16.9	X	280.32314	264.29162	174.20039	9.62606	0.0434907	0.26532103	2.3985840	21	10 17.4	19.7
185634 2008 DR_{11}	17.1	X	349.33511	304.87408	183.19382	5.50218	0.0612035	0.28799974	2.2709521	21	—	—
185635 2008 DL_{27}	16.2	X	1.85129	311.57324	182.65946	9.22803	0.2307464	0.21778971	2.7359689	21	—	—
185636 Shiao Lin	15.5	X	302.57849	284.59438	145.25300	11.06638	0.0984084	0.19297402	2.9657655	21	10 23.0	19.4
185637 2008 DH_{54}	15.3	X	33.66576	259.30528	10.38700	10.38326	0.0382932	0.17877619	3.1207784	21	8 8.2	19.6
185638 Erwinschwab	17.4	X	227.60080	134.45238	33.49882	2.88462	0.1592355	0.26845530	2.3798782	21	11 16.3	20.5
185639 Rainerkling	17.5	X	336.69790	230.94731	319.97350	2.10510	0.0971906	0.29429038	2.2384738	21	1 3.4	20.1
185640 Sunyisui	14.5	X	276.29447	264.93351	222.97921	7.61093	0.1961180	0.12534659	3.9542218	21	10 29.7	19.9
185641 Judd	16.5	X	72.35074	339.01526	164.25830	2.76982	0.0167395	0.23134423	2.6280297	21	4 7.0	19.7
185642 2008 EV_{88}	15.0	X	290.76276	273.80247	279.86699	12.01855	0.1724752	0.21547795	2.7555026	21	—	—
185643 2040 P–L	16.8	X	262.91005	343.29093	0.82014	4.81275	0.2440702	0.30324492	2.1941873	21	4 10.6	20.1
185644 4890 P–L	17.7	X	17.91356	13.40304	2.66900	2.24633	0.2285323	0.27689879	2.3312491	21	—	—
185645 6733 P–L	16.7	X	87.00454	156.64586	167.95316	7.22934	0.2310385	0.26233985	2.4167211	21	—	—
185646 3217 T–2	15.7	X	345.54422	208.22111	171.04165	6.83178	0.1980074	0.18548186	3.0451013	21	10 23.2	18.8
185647 4226 T–2	16.6	X	144.71634	185.48610	115.47550	3.79741	0.1729798	0.27374015	2.3491480	21	—	—
185648 1067 T–3	15.2	X	271.69792	26.22249	359.51747	16.80743	0.2300880	0.17531157	3.1617607	21	6 20.9	20.3
185649 1802 T–3	15.1	X	245.55817	234.86048	214.08013	26.07467	0.1990240	0.17501239	3.1653630	21	8 6.9	20.5
185650 2608 T–3	16.6	X	176.32790	46.55536	252.27529	5.08416	0.2305625	0.27787999	2.3257581	21	—	—
185651 3043 T–3	17.5	X	317.04519	259.05573	144.99689	2.72520	0.2020835	0.26867145	2.3786016	21	10 14.4	19.0
185652 3199 T–3	15.8	X	160.67253	178.02921	182.69303	5.99056	0.0878519	0.21182902	2.7870563	21	2 4.6	20.1
185653 3442 T–3	15.7	X	224.25683	21.99607	24.15548	6.77418	0.1765427	0.17330964	3.1860621	21	6 4.1	21.0
185654 3980 T–3	15.6	X	333.66074	158.75046	196.97998	1.42682	0.0655742	0.19950678	2.9006652	21	9 1.1	19.3
185655 4368 T–3	16.9	X	333.93447	261.37721	122.05496	3.28284	0.2001007	0.26889712	2.3772706	21	10 23.9	18.4
185656 1981 ET_{35}	15.3	X	187.89037	8.04795	229.31215	9.51559	0.0684070	0.18771621	3.0208896	21	12 24.2	19.8
185657 1992 WL_{6}	15.7	X	298.08895	256.45681	58.71356	15.47352	0.1064614	0.22718177	2.6600332	21	5 10.4	19.1
185658 1993 FG_{3}	17.7	X	287.01004	262.53501	225.26748	1.70473	0.1632437	0.26834199	2.3805481	21	12 21.9	19.9
185659 1993 FT_{45}	15.3	X	267.58679	38.88447	178.36912	12.78148	0.0358546	0.20300373	2.8672576	21	—	—
185660 1993 RE_{4}	15.6	X	310.87677	7.26422	344.68656	5.02635	0.1763845	0.17175178	3.2052990	21	7 9.0	19.6
185661 1993 TY_{23}	16.3	X	319.82480	179.54788	182.75463	5.05240	0.2218044	0.24376672	2.5379697	21	8 2.8	18.7
185662 1994 AG_{13}	15.8	X	311.70785	265.69509	78.88045	4.52577	0.1394099	0.23323564	2.6138026	21	7 5.2	18.6
185663 1994 EE	17.0	X	128.59172	255.99964	144.69734	4.82642	0.1218936	0.28977591	2.2616628	21	2 9.9	19.6
185664 1995 AW_{1}	16.6	X	23.73001	208.62134	108.93002	5.32538	0.0426937	0.24715813	2.5146996	21	10 2.5	19.7
185665 1995 CS_{2}	16.6	X	125.02702	138.95079	291.95894	3.46035	0.1589275	0.23179900	2.6245913	21	3 29.4	20.3
185666 1995 FT_{9}	12.9	X	13.44959	87.62168	169.16704	14.23086	0.0979645	0.08118163	5.2823952	21	6 23.8	19.6
185667 1995 FY_{11}	16.3	X	309.06491	309.81864	15.59876	3.63256	0.1870427	0.23241551	2.6199479	21	5 25.1	19.5
185668 1995 MF_{4}	17.6	X	299.72724	69.93115	211.16685	4.57481	0.1723465	0.29552456	2.2322371	21	3 5.5	20.6
185669 1995 MN_{6}	15.5	X	342.57770	219.94873	92.23420	19.43707	0.2793916	0.22933273	2.6433744	21	6 30.6	17.3
185670 1995 RS	17.1	X	259.27540	230.93099	91.86246	6.56837	0.2190073	0.29362622	2.2418480	21	3 18.2	20.6
185671 1995 SC_{20}	17.2	X	28.56622	218.04979	178.17490	1.02897	0.1846264	0.27236163	2.3570679	21	—	—
185672 1995 SZ_{25}	16.3	X	136.75626	42.51960	276.86317	0.86319	0.0748044	0.20055000	2.8905974	21	—	—
185673 1995 SD_{32}	17.9	X	279.03246	110.75692	173.79667	4.41105	0.2121931	0.29266938	2.2467316	21	2 12.3	21.4
185674 1995 SM_{68}	17.5	X	196.39652	342.15498	358.50475	2.49651	0.1635956	0.28782108	2.2718918	21	2 11.8	21.0
185675 1995 SN_{79}	16.5	X	76.61638	72.32790	313.87926	1.04194	0.0764450	0.20299784	2.8673130	21	—	—
185676 1995 SN_{88}	17.9	X	280.82482	173.72730	308.65606	0.93973	0.1325399	0.26927480	2.3750472	21	12 6.3	20.2
185677 1995 SB_{90}	16.7	X	147.95610	95.41330	200.95085	1.55748	0.0590368	0.19931026	2.9025716	21	—	—
185678 1995 TN_{1}	16.5	X	229.80093	282.35542	1.35180	4.08192	0.0218751	0.28347047	2.2950783	21	1 2.4	19.4
185679 1995 UK_{36}	16.4	X	205.31286	65.51070	49.30873	12.14389	0.2468408	0.17947059	3.1127234	21	8 11.8	22.0
185680 1995 YC_{6}	16.8	X	235.15389	227.96799	63.82618	23.76485	0.1980941	0.28318041	2.2966452	21	1 18.9	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185681 1996 AB_{13}	15.4	X	150.11084	357.28373	240.63316	6.58378	0.1140709	0.18153088	3.0891266	21	11 15.7	20.2
185682 1996 JR_{16}	17.1	X	127.37208	298.34059	208.61924	13.79962	0.0692293	0.24145067	2.5541737	21	6 29.6	20.9
185683 1996 ML_{1}	16.3	X	9.90276	206.06980	102.28354	10.89269	0.0818448	0.24312037	2.5424660	21	9 2.8	19.3
185684 1996 RX_{5}	15.8	X	312.63644	161.60339	176.13917	8.28845	0.1679481	0.23219755	2.6215871	21	6 22.0	19.0
185685 1996 TP_{27}	16.3	X	21.68333	0.83470	127.12075	4.76481	0.0469321	0.21290197	2.7776846	21	1 11.0	19.8
185686 1996 VY_{17}	16.3	X	77.34566	352.20863	62.66768	4.18874	0.0829219	0.20901871	2.8119825	21	—	—
185687 1996 XP_{16}	16.8	X	346.45816	104.33006	62.41018	8.03741	0.0552966	0.28987977	2.2611226	21	—	—
185688 1997 CC_{6}	16.2	X	215.22695	4.78530	125.54978	8.06765	0.3238915	0.18486481	3.0518736	21	8 30.6	21.7
185689 1997 GR_{7}	15.0	X	125.26818	121.90641	39.07321	27.49878	0.1623156	0.17179708	3.2047355	21	8 4.2	20.6
185690 1997 GB_{9}	16.8	X	258.85737	293.10763	267.06377	1.37446	0.1075378	0.27368333	2.3494731	21	—	—
185691 1997 GT_{10}	17.2	X	236.34551	53.63760	182.24492	1.97353	0.1719924	0.27381372	2.3487272	21	—	—
185692 1997 GY_{31}	16.8	X	177.65584	263.75970	53.80059	22.94797	0.0877845	0.35678449	1.9687870	21	—	—
185693 1997 HV_{3}	12.8	X	290.67961	114.75770	217.43083	16.18540	0.1251353	0.08343367	5.1869075	21	5 27.2	19.6
185694 1997 TF_{16}	16.6	X	163.98765	277.96668	171.79214	4.43845	0.2076605	0.23435534	2.6054704	21	6 5.5	20.9
185695 1997 US_{12}	16.9	X	128.51785	60.30607	24.34010	2.41559	0.0656593	0.22818385	2.6522397	21	4 10.6	20.5
185696 1997 WJ_{4}	15.7	X	84.81598	147.23940	45.03676	12.71733	0.1150081	0.23487832	2.6016014	21	7 17.5	19.4
185697 1997 WO_{9}	16.5	X	44.19960	63.41321	82.69000	4.73391	0.1550395	0.22239735	2.6980478	21	3 15.4	19.3
185698 1998 BT_{27}	16.6	X	149.33650	265.42776	109.89838	3.08263	0.0847499	0.21663591	2.7456747	21	2 10.9	20.5
185699 1998 BF_{39}	16.8	X	165.54292	87.37410	334.44423	1.22403	0.0635863	0.22350720	2.6891088	21	4 24.8	20.8
185700 1998 DT_{6}	16.0	X	191.10511	149.87667	217.71161	5.64292	0.0250384	0.21831987	2.7315377	21	3 13.8	19.9
185701 1998 FB_{73}	16.7	X	35.14832	154.97049	25.30340	6.00901	0.1474657	0.29891699	2.2153158	21	3 30.4	18.1
185702 1998 HK_{3}	17.9	X	78.12584	267.61803	27.10829	24.70109	0.2999926	0.39877253	1.8280408	21	12 27.5	21.4
185703 1998 KW	15.3	X	175.78648	242.61389	78.06827	14.69331	0.3309709	0.19605044	2.9346581	21	1 22.5	20.8
185704 1998 OD_{8}	16.3	X	114.92060	83.86036	277.75580	3.54544	0.2610573	0.27474410	2.3434218	21	—	—
185705 1998 QD_{24}	16.6	X	179.81766	97.58504	249.80851	3.66319	0.1947009	0.28120435	2.3073919	21	2 5.5	20.1
185706 1998 QX_{69}	16.1	X	137.79235	58.34528	257.67513	5.04317	0.1918752	0.27368625	2.3494564	21	—	—
185707 1998 QU_{77}	16.6	X	127.68414	120.66691	218.22541	5.87384	0.2497186	0.27350167	2.3505134	21	—	—
185708 1998 QR_{95}	14.7	X	72.56327	126.42136	203.70045	26.30880	0.1794023	0.17982042	3.1086849	21	12 21.7	19.9
185709 1998 RM_{14}	14.9	X	295.37199	219.67707	160.06381	5.13039	0.0820084	0.16810301	3.2515147	21	8 3.3	19.4
185710 1998 RQ_{25}	16.5	X	30.00937	11.98457	3.87332	4.54045	0.1721137	0.26559760	2.3969186	21	—	—
185711 1998 RB_{70}	16.8	X	81.54406	317.89310	39.33798	3.71237	0.1903879	0.26906986	2.3762530	21	—	—
185712 1998 RH_{70}	16.2	X	353.10400	315.95876	91.20415	3.78408	0.1897847	0.26264194	2.4148677	21	—	—
185713 1998 SC_{3}	16.6	X	157.45022	195.07609	158.10330	10.19560	0.1989998	0.27769071	2.3268148	21	1 23.6	20.1
185714 1998 SU_{6}	14.5	X	76.67541	125.16445	183.78711	26.08864	0.2859749	0.17757009	3.1348939	21	12 14.6	20.0
185715 1998 SJ_{11}	16.7	X	154.60906	220.12374	114.82625	5.61082	0.1516403	0.27543829	2.3394827	21	—	—
185716 1998 SF_{35}	17.9	X	74.52067	253.77555	218.59094	35.18496	0.2739315	0.45050783	1.6852635	21	—	—
185717 1998 SB_{52}	17.0	X	221.99486	270.07367	353.28493	2.90463	0.1819006	0.27691643	2.3311501	21	—	—
185718 1998 SY_{64}	16.5	X	323.33691	251.28592	147.20671	3.23740	0.1906594	0.25672195	2.4518509	21	10 18.8	18.4
185719 1998 SV_{80}	17.0	X	177.76989	60.89491	252.57920	3.45533	0.2535967	0.27736160	2.3286550	21	—	—
185720 1998 SG_{89}	17.3	X	162.28761	34.97626	290.21495	1.89393	0.1795367	0.27614594	2.3354842	21	—	—
185721 1998 SS_{92}	16.3	X	357.54877	36.83082	3.02655	6.27987	0.1256229	0.26244993	2.4160453	21	12 26.3	18.9
185722 1998 SF_{93}	16.9	X	356.43692	180.30861	190.40465	4.31872	0.1419036	0.25972017	2.4329448	21	11 14.5	19.2
185723 1998 SB_{99}	16.7	X	66.32311	130.49254	217.11486	1.53314	0.1964383	0.26609071	2.3939564	21	—	—
185724 1998 SN_{101}	16.5	X	30.20771	147.33253	196.73926	8.11785	0.2264209	0.26159401	2.4213125	21	12 15.4	19.6
185725 1998 SZ_{119}	17.0	X	334.02903	221.17161	179.93335	2.29897	0.2057092	0.25916446	2.4364215	21	11 18.5	18.7
185726 1998 SR_{140}	16.9	X	207.11568	110.84826	206.12248	7.45111	0.3345575	0.28094558	2.3088085	21	1 25.7	21.4
185727 1998 SN_{158}	16.7	X	344.87925	352.98328	8.84226	6.83906	0.1857045	0.25692943	2.4505307	21	10 8.8	18.6
185728 1998 UZ_{3}	16.7	X	5.28804	20.45581	1.89761	3.73144	0.1197432	0.26061100	2.4273974	21	12 12.4	19.3
185729 1998 UN_{25}	16.8	X	156.64023	264.84584	75.52722	4.78344	0.1933452	0.27466900	2.3438489	21	1 8.0	20.0
185730 1998 UR_{35}	16.9	X	104.29402	256.29640	101.77318	4.53964	0.2224065	0.27102142	2.3648321	21	—	—
185731 1998 VO_{5}	16.1	X	100.27360	292.72815	49.69083	8.61532	0.3247895	0.26855569	2.3792851	21	—	—
185732 1998 WV_{11}	16.6	X	20.33955	194.67656	173.03280	2.99017	0.2260073	0.26014356	2.4303044	21	—	—
185733 Luigicolzani	15.9	X	69.82647	247.05532	137.94436	7.82354	0.2294362	0.22345171	2.6895540	21	—	—
185734 1998 WQ_{32}	16.3	X	129.63664	276.89345	57.69939	12.17526	0.2984048	0.27115836	2.3640358	21	—	—
185735 1998 XD_{10}	16.4	X	73.45966	246.48829	75.04135	7.34481	0.1222071	0.26042724	2.4285391	21	12 22.8	19.7
185736 1998 XA_{27}	15.8	X	109.25333	271.36760	86.58799	23.49400	0.2841241	0.26757503	2.3850949	21	—	—
185737 1998 YA_{17}	16.7	X	87.52806	233.44076	276.54451	3.00404	0.0910746	0.23311171	2.6147288	21	5 16.9	19.9
185738 1999 CQ_{65}	15.6	X	160.29729	236.42089	193.93532	5.10665	0.2531235	0.23426654	2.6061288	21	5 11.6	20.1
185739 1999 CW_{80}	15.7	X	105.26766	214.84247	205.35838	7.91237	0.2389165	0.22510434	2.6763740	21	3 4.1	19.4
185740 1999 CB_{107}	16.0	X	14.17987	288.10047	272.49564	8.06950	0.2048303	0.22711427	2.6605602	21	3 23.4	18.6
185741 1999 CA_{145}	16.6	X	240.03325	55.21997	311.11511	3.58590	0.0904392	0.23437073	2.6053563	21	5 4.6	20.5
185742 1999 EE_{13}	17.0	X	20.59314	82.16735	143.26184	2.97996	0.1388146	0.23030289	2.6359457	21	5 20.7	19.6
185743 1999 FP_{74}	16.0	X	261.80117	144.64117	176.33707	13.79202	0.1049917	0.22474420	2.6792324	21	4 3.0	19.9
185744 Hogan	15.7	X	275.62387	69.20288	14.03780	13.51362	0.2403163	0.20103531	2.8859435	21	9 11.1	19.7
185745 1999 HM_{11}	16.4	X	297.01404	224.20131	21.14356	16.32390	0.2674342	0.21704572	2.7422175	21	1 23.7	21.0
185746 1999 LO_{1}	17.2	X	240.09181	305.94014	68.49691	3.97069	0.3310285	0.30981332	2.1630638	21	4 26.6	20.9
185747 1999 LZ_{29}	16.6	X	236.90603	108.64163	167.60144	6.64021	0.0104960	0.21129500	2.7917503	21	1 16.3	20.5
185748 1999 NX_{4}	15.4	X	158.71848	206.51369	153.93500	16.14161	0.2815655	0.20203577	2.8764084	21	2 19.6	20.3
185749 1999 RT_{53}	15.7	X	122.25202	197.63065	164.15663	9.07363	0.2006506	0.19805704	2.9148029	21	1 11.6	20.0
185750 1999 RT_{74}	15.9	X	59.99515	274.08030	94.38997	3.70053	0.2111376	0.18947779	3.0021370	21	—	—
185751 1999 RE_{109}	16.4	X	71.48555	135.15789	270.69863	4.73284	0.1264705	0.28571882	2.2830223	21	—	—
185752 1999 RC_{165}	16.6	X	262.88475	162.93632	205.32981	3.81580	0.1029194	0.30615553	2.1802584	21	5 31.8	19.2
185753 1999 RM_{193}	17.0	X	346.44369	215.15384	174.53022	5.80699	0.2106777	0.27183065	2.3601364	21	12 5.3	18.9
185754 1999 RU_{233}	15.0	X	109.16926	290.93263	45.70138	11.36519	0.0994897	0.19222656	2.9734487	21	—	—
185755 1999 SV	15.8	X	319.24668	235.39432	157.62258	1.40743	0.1793309	0.17728293	3.1382781	21	9 16.6	19.2
185756 1999 TM_{9}	16.3	X	77.22102	352.80458	21.69587	8.43423	0.2725838	0.28112516	2.3078251	21	—	—
185757 1999 TK_{15}	15.6	X	102.39272	134.35967	194.75355	6.03165	0.0746901	0.18874327	3.0099208	21	—	—
185758 1999 TE_{18}	15.0	X	322.12550	201.55266	187.61458	12.18289	0.2465408	0.17605000	3.1529132	21	9 6.6	18.3
185759 1999 TO_{43}	15.8	X	46.49967	293.98415	357.49049	14.63233	0.1868964	0.18106662	3.0944048	21	10 6.7	19.9
185760 1999 TZ_{61}	16.8	X	262.73218	267.05580	32.81058	7.64247	0.1257589	0.29535816	2.2330755	21	2 27.2	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185761 1999 TN_{73}	15.3	X	141.28608	204.83875	353.77084	9.43986	0.0663525	0.17920065	3.1158485	21	9 19.4	20.0
185762 1999 TP_{78}	15.7	X	9.58167	303.04452	22.74665	4.96770	0.1359731	0.17781773	3.1319826	21	9 20.5	19.4
185763 1999 TK_{83}	16.2	X	167.85518	68.41248	87.03425	2.13663	0.0289717	0.17370604	3.1812131	21	8 26.7	20.7
185764 1999 TL_{92}	14.9	X	322.95250	186.36701	178.47316	16.90446	0.1863527	0.17557680	3.1585757	21	8 11.6	18.8
185765 1999 TV_{106}	15.5	X	42.49867	170.38734	205.27735	13.26808	0.2279748	0.18799564	3.0178955	21	—	—
185766 1999 TK_{114}	15.2	X	13.86866	194.81212	189.17598	8.47821	0.1772898	0.18380557	3.0635874	21	12 16.9	19.0
185767 1999 TF_{136}	15.6	X	315.77664	126.11100	223.71805	3.78157	0.1684901	0.17287629	3.1913842	21	7 13.7	19.6
185768 1999 TZ_{137}	16.6	X	38.36067	53.31395	15.44618	6.79345	0.1688659	0.28117017	2.3075789	21	—	—
185769 1999 TG_{164}	14.7	X	23.86327	277.02442	88.21492	10.29299	0.1571875	0.18118510	3.0930556	21	12 5.6	18.6
185770 1999 TE_{166}	17.3	X	71.00351	166.01930	242.65227	3.56318	0.1178265	0.28437977	2.2901833	21	—	—
185771 1999 TT_{170}	16.9	X	9.18356	197.45652	196.92729	5.95281	0.1949675	0.27426803	2.3461328	21	—	—
185772 1999 TH_{176}	17.2	X	239.40393	301.99204	30.69348	2.68892	0.1988768	0.29740740	2.2228059	21	3 11.3	20.6
185773 1999 TO_{232}	15.1	X	2.37092	339.35691	43.89446	19.06443	0.2113126	0.18143187	3.0902503	21	11 26.6	18.6
185774 1999 TK_{236}	16.7	X	132.88188	300.19546	114.62391	6.95245	0.1649874	0.29128400	2.2538497	21	3 16.1	19.7
185775 1999 TE_{241}	15.6	X	1.26593	296.40720	78.97983	10.34688	0.2007912	0.18006336	3.1058882	21	11 17.7	19.0
185776 1999 TW_{269}	15.1	X	104.93990	80.36897	257.78624	7.68696	0.1116815	0.19044960	2.9919157	21	—	—
185777 1999 TY_{290}	16.6	X	126.10554	227.34063	170.71092	8.12788	0.1798280	0.28758418	2.2731393	21	2 11.0	19.4
185778 1999 TL_{291}	15.1	X	317.82017	274.09829	95.84563	6.85135	0.1772111	0.17263717	3.1943305	21	8 15.1	18.8
185779 1999 UO_{20}	17.6	X	350.65063	296.53588	176.94623	3.40597	0.2084506	0.28020781	2.3128594	21	—	—
185780 1999 UA_{34}	15.5	X	128.79766	65.06649	214.03918	9.85682	0.1216539	0.18536206	3.0464132	21	12 14.5	20.4
185781 1999 US_{40}	16.1	X	138.91297	187.03335	66.13672	2.99358	0.0203700	0.18388390	3.0627173	21	11 20.7	20.6
185782 1999 UG_{43}	14.8	X	22.80858	126.39753	236.59154	14.47834	0.0963562	0.18153151	3.0891195	21	11 22.8	18.6
185783 1999 UP_{48}	17.2	X	296.70035	288.01512	41.67908	7.15167	0.1969699	0.30367883	2.1920967	21	5 6.0	19.4
185784 1999 UK_{54}	15.8	X	54.62429	102.30860	189.36400	16.58967	0.1220089	0.18135923	3.0910755	21	10 12.2	20.0
185785 1999 VY_{18}	15.5	X	19.39682	91.82713	224.53517	8.04554	0.0346680	0.17466453	3.1695644	21	9 9.8	20.0
185786 1999 VU_{24}	15.8	X	53.68975	4.35283	67.76348	26.23805	0.2198439	0.28052320	2.3111255	21	—	—
185787 1999 VH_{32}	14.8	X	32.48126	115.13407	234.38791	11.62226	0.1075712	0.17924334	3.1153537	21	11 20.4	19.0
185788 1999 VL_{57}	16.9	X	336.43956	60.97531	244.66255	4.71241	0.1810371	0.30611599	2.1804462	21	6 14.1	18.4
185789 1999 VH_{69}	15.5	X	39.67174	107.76851	210.65561	4.70060	0.1373011	0.17841274	3.1250153	21	10 26.7	19.5
185790 1999 VR_{70}	17.1	X	323.01634	52.27820	49.90442	9.25297	0.1464899	0.27368052	2.3494892	21	—	—
185791 1999 VT_{102}	17.5	X	10.30646	217.57164	232.05417	2.41965	0.1415917	0.27849015	2.3223597	21	—	—
185792 1999 VH_{105}	17.0	X	95.18947	2.37998	54.51412	4.04986	0.1346255	0.28558729	2.2837232	21	1 17.4	19.2
185793 1999 VT_{117}	15.6	X	37.56732	294.30613	30.75543	4.28221	0.1015736	0.18085012	3.0968738	21	10 27.3	19.6
185794 1999 VB_{127}	16.2	X	93.42318	256.79141	49.96911	3.85669	0.1016457	0.18559876	3.0438226	21	12 10.7	20.8
185795 1999 VJ_{143}	17.4	X	288.84365	123.90256	214.00658	4.65096	0.2159523	0.30287031	2.1959962	21	5 4.9	20.2
185796 1999 VA_{151}	15.1	X	48.83808	297.64611	37.79924	11.62425	0.0820640	0.17949528	3.1124379	21	11 19.3	19.5
185797 1999 VL_{152}	15.4	X	309.38557	16.97262	352.42764	6.71064	0.1882915	0.17533751	3.1614488	21	7 29.5	19.3
185798 1999 VU_{155}	16.9	X	318.82963	65.86261	58.11294	3.39448	0.1809270	0.27426677	2.3461400	21	—	—
185799 1999 VW_{155}	16.4	X	57.59316	1.15019	59.36724	11.80818	0.1872423	0.28048437	2.3113388	21	—	—
185800 1999 VF_{164}	14.9	X	43.15336	92.12317	240.63350	8.60753	0.0789824	0.17909289	3.1170982	21	11 9.3	19.2
185801 1999 VV_{164}	16.7	X	1.31251	49.34486	47.26544	12.96884	0.1237680	0.27796110	2.3253056	21	—	—
185802 1999 VA_{166}	15.2	X	43.30223	110.07901	224.87105	13.55367	0.1000459	0.18067182	3.0989110	21	11 16.3	19.3
185803 1999 VX_{174}	15.7	X	151.07224	153.45225	27.80690	15.47570	0.1114702	0.17538573	3.1608694	21	9 16.6	20.8
185804 1999 VR_{175}	17.1	X	133.91073	115.54086	280.34033	1.82838	0.0496635	0.28978737	2.2616032	21	1 29.9	19.7
185805 1999 VS_{195}	17.3	X	207.23015	157.05157	207.98896	6.47600	0.1584747	0.29611801	2.2292537	21	3 21.8	20.7
185806 1999 VF_{197}	15.3	X	31.09870	255.00789	96.21769	7.68682	0.2285443	0.18236720	3.0796751	21	12 9.1	19.3
185807 1999 VL_{206}	17.2	X	159.05512	338.48937	27.70505	2.39478	0.2345886	0.28981781	2.2614449	21	2 14.4	20.7
185808 1999 VF_{213}	16.1	X	14.04126	264.09359	68.88423	3.21645	0.1670314	0.17553213	3.1591116	21	10 10.6	19.8
185809 1999 VU_{218}	15.6	X	178.27108	243.67146	197.85045	14.26365	0.2705916	0.16466011	3.2966825	21	6 9.2	21.6
185810 1999 VH_{220}	15.5	X	284.97290	242.03597	202.48766	9.70603	0.0982661	0.18091590	3.0961232	21	10 10.0	19.6
185811 1999 VA_{230}	16.9	X	199.77468	109.11145	240.42355	5.16310	0.0559216	0.29118967	2.2543365	21	2 18.4	19.9
185812 1999 XJ_{5}	15.2	X	353.43929	287.62720	85.69843	6.40260	0.1692879	0.17685598	3.1433269	21	10 28.5	18.7
185813 1999 XX_{60}	17.0	X	344.17757	328.31854	95.27499	3.26881	0.1776163	0.27134890	2.3629290	21	—	—
185814 1999 XH_{62}	16.3	X	247.23433	73.50676	241.46145	4.47956	0.1360931	0.29316865	2.2441800	21	2 24.3	19.8
185815 1999 XH_{139}	15.2	X	152.89144	290.38424	25.96875	8.38305	0.1728102	0.19486849	2.9465126	21	—	—
185816 1999 XD_{146}	15.4	X	282.49258	175.83280	234.53947	4.39767	0.1457881	0.17054183	3.2204417	21	8 14.6	19.8
185817 1999 XP_{197}	15.3	X	115.17736	82.40814	34.89413	9.35253	0.1761717	0.24523368	2.5278384	21	5 19.2	18.9
185818 1999 XY_{216}	17.5	X	352.99333	115.70237	298.08828	0.51354	0.1637031	0.26904860	2.3763782	21	—	—
185819 1999 XU_{221}	16.8	X	4.01809	6.17655	58.10760	8.27155	0.2554450	0.27374460	2.3491226	21	—	—
185820 1999 XW_{255}	17.0	X	236.70381	233.29336	328.43827	0.82935	0.1322010	0.26941239	2.3742385	21	—	—
185821 1999 YL_{15}	15.7	X	31.62048	241.69246	101.22100	4.99090	0.0876492	0.17753891	3.1352609	21	11 9.7	19.9
185822 2000 AU_{4}	16.5	X	312.09997	12.29756	69.51783	8.45243	0.1690028	0.26744821	2.3858488	21	12 3.5	18.2
185823 2000 AA_{28}	16.7	X	349.91613	338.33340	93.64043	3.40910	0.1742060	0.27081848	2.3660133	21	—	—
185824 2000 AW_{37}	16.7	X	21.29465	333.57831	100.96159	8.95543	0.2227528	0.27498164	2.3420721	21	—	—
185825 2000 AN_{86}	17.0	X	78.32571	287.21842	136.68405	2.44376	0.2494924	0.28130513	2.3068408	21	1 12.4	18.4
185826 2000 AO_{104}	16.1	X	125.52199	248.97820	159.87518	5.13632	0.1126107	0.28712730	2.2755501	21	2 15.7	18.6
185827 2000 AA_{134}	16.8	X	156.63535	287.17681	94.22266	9.90896	0.2540526	0.28844208	2.2686298	21	3 8.8	20.5
185828 2000 AW_{153}	15.0	X	312.61420	329.55630	68.09022	12.27024	0.2018978	0.17195851	3.2027296	21	9 14.4	18.9
185829 2000 AZ_{170}	16.8	X	120.97721	259.47774	156.36614	6.29679	0.1640811	0.28752749	2.2734381	21	2 27.8	19.4
185830 2000 AB_{181}	16.3	X	78.97906	186.60651	224.76406	7.84183	0.1906247	0.27980338	2.3150875	21	—	—
185831 2000 AO_{219}	16.6	X	215.54694	154.42237	104.98628	7.67384	0.0886994	0.27445495	2.3450674	21	—	—
185832 2000 AS_{220}	17.2	X	6.91214	77.39199	330.32886	1.66652	0.1761031	0.27006605	2.3704059	21	—	—
185833 2000 AL_{221}	17.0	X	72.37421	7.61083	342.16216	1.97599	0.2320868	0.27171503	2.3608059	21	—	—
185834 2000 BO_{12}	17.2	X	181.56004	244.96653	334.89340	1.76238	0.1625988	0.26155973	2.4215241	21	12 2.2	20.8
185835 2000 BT_{25}	16.5	X	250.87138	223.61422	311.11742	6.01207	0.1096514	0.26727287	2.3868922	21	—	—
185836 2000 BE_{35}	16.7	X	268.79009	333.62468	103.96254	4.96188	0.2297697	0.25979689	2.4324659	21	8 29.0	19.7
185837 2000 BH_{37}	17.6	X	330.64879	157.71307	286.63069	0.50834	0.1548220	0.26864094	2.3787816	21	—	—
185838 2000 CB_{11}	16.5	X	26.45675	309.27292	138.15384	7.41318	0.0764296	0.27517175	2.3409932	21	—	—
185839 2000 CF_{68}	17.2	X	191.79283	30.86943	177.20665	0.94331	0.1194499	0.26260444	2.4150975	21	12 1.9	20.8
185840 2000 CX_{75}	15.7	X	325.66709	332.72058	85.14710	14.20780	0.1394447	0.26492330	2.4009841	21	11 27.4	17.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185841 2000 CJ_{81}	15.9	X	26.05815	210.54265	322.21837	12.01774	0.1692329	0.23632388	2.5909815	21	3 7.4	18.3
185842 2000 CH_{98}	17.5	X	212.37855	262.36087	249.91272	0.55918	0.1293115	0.25780349	2.4449887	21	10 11.9	21.1
185843 2000 CW_{113}	16.9	X	253.59093	190.80338	307.71233	1.92501	0.1324592	0.26402212	2.4064444	21	11 13.9	19.7
185844 2000 CY_{136}	17.1	X	324.57829	243.21299	148.16545	2.91724	0.1861249	0.25872420	2.4391847	21	10 10.6	19.0
185845 2000 DT_{4}	16.3	X	194.84789	149.45608	61.84279	4.85276	0.1773354	0.26166099	2.4208993	21	12 3.4	19.8
185846 2000 DB_{30}	16.9	X	269.92755	280.85416	159.80891	9.62024	0.2821750	0.25920845	2.4361458	21	8 23.9	20.2
185847 2000 DG_{48}	16.6	X	341.61684	79.36055	352.84868	2.33456	0.0739505	0.26472627	2.4021752	21	—	—
185848 2000 DQ_{50}	17.2	X	179.72977	46.12158	173.88787	2.36745	0.1658802	0.25986351	2.4320501	21	11 30.9	21.1
185849 2000 DK_{66}	16.7	X	164.80217	253.35342	342.07266	6.43072	0.0793413	0.26058185	2.4275784	21	12 9.1	20.3
185850 2000 DZ_{85}	16.5	X	269.38112	39.39635	100.99503	7.12884	0.0708011	0.26430670	2.4047168	21	12 20.1	19.3
185851 2000 DP_{107}	18.2	X	40.69783	289.78198	358.67561	8.67197	0.3766515	0.61784326	1.3652657	21	12 24.2	19.9
185852 2000 EV_{1}	16.5	X	342.42173	244.84574	177.58984	6.41272	0.1136431	0.26443515	2.4039380	21	12 30.9	19.1
185853 2000 ER_{70}	16.9	X	164.73333	338.63575	111.60705	36.92188	0.3110557	0.38945986	1.8570670	21	6 15.2	20.4
185854 2000 EU_{106}	15.4	X	231.24809	100.40876	198.36360	21.32652	0.3735405	0.27358079	2.3500602	21	1 18.1	20.4
185855 2000 EX_{114}	16.9	X	291.05879	119.35409	302.16913	1.73823	0.1865345	0.25738154	2.4476602	21	9 14.2	19.3
185856 2000 ER_{129}	15.6	X	57.61948	66.84944	3.73817	14.61072	0.1142755	0.22700319	2.6614281	21	—	—
185857 2000 EZ_{168}	16.2	X	43.43552	100.22623	45.44208	11.28529	0.2384972	0.23538928	2.5978352	21	3 21.1	18.4
185858 2000 GB	16.8	X	130.03382	224.73680	19.78027	3.63777	0.1378645	0.25389147	2.4700400	21	11 13.7	20.5
185859 2000 GH_{26}	16.4	X	69.14440	150.21288	190.55435	6.04663	0.1309107	0.25842715	2.4410535	21	—	—
185860 2000 GT_{29}	16.4	X	298.07545	124.29917	197.76082	13.01778	0.0835294	0.23909458	2.5709259	21	5 22.7	19.8
185861 2000 GU_{150}	14.5	X	290.53548	301.34627	195.55245	12.47714	0.1484000	0.12413924	3.9798192	21	12 4.7	19.8
185862 2000 GO_{163}	16.0	X	176.90293	98.30663	122.79971	14.15171	0.1362930	0.25729935	2.4481814	21	12 3.7	19.9
185863 2000 GK_{169}	17.3	X	294.24372	82.73141	198.81750	21.28390	0.0477943	0.37307123	1.9110624	21	3 1.7	19.6
185864 2000 HJ_{9}	16.5	X	12.32715	52.12926	215.34643	12.86598	0.1937103	0.23827635	2.5768082	21	7 7.1	19.1
185865 2000 HG_{39}	16.1	X	227.28906	190.15146	203.48855	13.91940	0.0822049	0.23919740	2.5701891	21	5 28.8	19.9
185866 2000 HL_{92}	15.4	X	291.55678	83.06657	131.88386	13.17950	0.1264526	0.22425878	2.6830972	21	—	—
185867 2000 HL_{95}	16.4	X	357.51319	315.93902	52.52626	7.13140	0.0988357	0.25212118	2.4815888	21	11 6.4	19.0
185868 2000 JG_{3}	17.0	X	102.24999	32.51859	77.41335	23.42473	0.0827980	0.37244089	1.9132181	21	4 10.5	19.5
185869 2000 JL_{8}	16.3	X	59.73099	85.67622	182.16765	14.57191	0.1133397	0.24446439	2.5331388	21	9 23.1	19.3
185870 2000 JL_{10}	17.3	X	58.42377	300.38568	222.95300	20.88185	0.0210950	0.37288616	1.9116947	21	3 18.8	19.4
185871 2000 JY_{27}	15.8	X	346.40124	107.53097	46.61233	10.77077	0.2240370	0.22480315	2.6787640	21	—	—
185872 2000 KZ	17.0	X	0.91156	213.20734	63.21395	0.67048	0.1321113	0.23759846	2.5817071	21	6 26.8	19.3
185873 2000 KH_{3}	16.4	X	310.39851	129.87962	157.95338	24.33223	0.0588022	0.37287920	1.9117185	21	4 15.6	18.6
185874 2000 KW_{4}	16.7	X	317.47703	126.19620	72.42570	24.30633	0.0307425	0.36205179	1.9496452	21	—	—
185875 2000 LR_{23}	15.0	X	131.17113	116.22362	247.82344	22.24381	0.2800913	0.26063910	2.4272230	21	1 16.6	18.8
185876 2000 NF_{18}	16.1	X	0.45493	238.79487	76.58024	4.71822	0.2863362	0.23565657	2.5958705	21	9 10.2	17.7
185877 2000 OB_{8}	15.0	X	291.39590	150.96233	206.39222	13.43314	0.2761738	0.22828162	2.6514824	21	5 31.2	18.8
185878 2000 OD_{22}	15.1	X	324.28952	204.68915	147.94360	27.24715	0.2427221	0.23475068	2.6025444	21	7 25.9	17.7
185879 2000 OP_{38}	15.7	X	312.38655	156.45959	178.25824	14.24842	0.2728333	0.23094992	2.6310201	21	5 31.9	19.0
185880 2000 OQ_{41}	15.6	X	7.75007	106.37437	176.51801	15.52050	0.1449824	0.23274844	2.6174488	21	7 18.8	18.6
185881 2000 OQ_{44}	15.6	X	312.91254	115.05263	229.22617	4.18952	0.3427586	0.23056748	2.6339287	21	5 31.9	18.5
185882 2000 QC_{15}	15.6	X	26.93851	134.13637	144.70353	14.24001	0.1572731	0.23485044	2.6018073	21	8 24.5	18.2
185883 2000 QC_{43}	16.3	X	4.70999	91.18593	177.07595	2.81105	0.2583270	0.23162767	2.6258853	21	6 23.3	18.1
185884 2000 QX_{48}	16.0	X	170.61967	206.74708	159.80279	6.61336	0.1199591	0.21440337	2.7647019	21	2 25.3	20.0
185885 2000 QN_{62}	15.9	X	237.98418	289.26570	28.55742	8.11311	0.2399534	0.21809353	2.7334273	21	2 28.8	20.7
185886 2000 QW_{156}	16.1	X	354.83909	51.87809	245.44917	6.45612	0.2273159	0.23355511	2.6114184	21	7 13.8	18.2
185887 2000 QR_{158}	15.5	X	314.78042	85.64483	225.31105	8.26552	0.1149002	0.22779538	2.6552542	21	5 26.9	18.6
185888 2000 QD_{176}	15.9	X	220.16178	202.20018	170.04758	16.60614	0.2048534	0.22119711	2.7077989	21	4 21.1	20.6
185889 2000 QK_{192}	15.7	X	266.16424	306.95102	13.84532	12.61420	0.1805821	0.22246631	2.6974902	21	3 29.9	19.7
185890 2000 QY_{208}	16.2	X	197.88998	196.83899	179.71793	3.32045	0.2057468	0.21867538	2.7285764	21	4 5.5	20.9
185891 2000 QP_{224}	15.6	X	247.86149	145.24610	198.99502	12.07664	0.2838871	0.22279974	2.6947983	21	4 1.7	20.3
185892 2000 QT_{229}	16.0	X	255.57304	159.11705	165.75705	9.78291	0.1184154	0.22036323	2.7146257	21	3 31.4	20.0
185893 2000 QE_{232}	16.2	X	154.36964	131.78323	215.79222	3.52535	0.1124677	0.20901743	2.8119940	21	1 16.5	20.3
185894 2000 QF_{232}	15.9	X	244.58868	128.53715	197.76046	5.67003	0.0699781	0.21858882	2.7292967	21	3 23.4	19.9
185895 2000 RC_{1}	15.4	X	304.33477	139.99491	177.09695	7.94258	0.2837454	0.22634491	2.6665858	21	4 23.9	19.0
185896 2000 RD_{13}	15.4	X	231.31859	91.86316	236.32083	8.22517	0.1257778	0.21837472	2.7310804	21	3 5.3	19.9
185897 2000 RS_{16}	15.7	X	148.67928	113.84692	195.94424	14.41857	0.1590770	0.20510870	2.8476066	21	—	—
185898 2000 RE_{48}	14.8	X	175.10142	145.51762	226.19366	15.50177	0.2480510	0.21176669	2.7876032	21	3 9.3	19.9
185899 2000 RC_{80}	15.7	X	280.12641	101.62346	209.43299	12.04009	0.1824089	0.22289616	2.6940211	21	3 29.8	19.7
185900 2000 SV_{1}	15.8	X	261.31885	232.01867	77.56036	7.31704	0.0452048	0.21888233	2.7268562	21	3 29.0	19.7
185901 2000 SU_{10}	15.6	X	103.56876	153.44092	203.16543	12.29281	0.0619375	0.20142875	2.8821842	21	—	—
185902 2000 SH_{34}	15.8	X	217.60614	186.11701	168.49716	9.64991	0.1282818	0.21747675	2.7385930	21	3 29.2	20.0
185903 2000 SH_{61}	16.1	X	163.03697	276.18997	82.49427	2.90718	0.1897406	0.21021989	2.8012606	21	2 15.4	20.5
185904 2000 SP_{71}	15.9	X	10.90657	355.42399	37.28943	8.44062	0.2585300	0.19204755	2.9752962	21	—	—
185905 2000 SM_{90}	15.2	X	195.83882	151.78796	226.47796	12.52203	0.1820696	0.21848429	2.7301672	21	4 2.8	19.9
185906 2000 SF_{94}	12.6	X	331.95235	51.66892	235.39530	8.55282	0.0785983	0.08315422	5.1985214	21	6 1.9	19.2
185907 2000 SZ_{97}	15.7	X	163.23736	127.93728	235.17377	4.38850	0.2155119	0.21094540	2.7948340	21	2 19.5	20.4
185908 2000 SZ_{117}	16.0	X	164.59535	184.82552	184.95775	5.06019	0.1693482	0.21051056	2.7986814	21	2 26.4	20.4
185909 2000 SG_{129}	16.0	X	280.46214	67.89420	227.40332	3.29190	0.2118562	0.22028918	2.7152341	21	3 7.7	20.1
185910 2000 SR_{181}	16.2	X	163.61510	14.73305	333.50843	1.87414	0.1577660	0.21054295	2.7983944	21	1 31.5	20.6
185911 2000 SC_{183}	16.0	X	195.84989	309.70807	8.04800	5.31971	0.0989908	0.20977131	2.8052527	21	1 24.1	20.4
185912 2000 SN_{183}	15.3	X	293.94407	58.41056	231.84196	12.57695	0.1315029	0.22200635	2.7012148	21	3 23.9	19.3
185913 2000 SS_{197}	15.8	X	337.30204	84.93104	182.90499	14.05329	0.1748445	0.22468349	2.6797150	21	4 27.0	18.8
185914 2000 SJ_{203}	16.3	X	48.53777	69.25418	280.37584	0.88472	0.0901502	0.19481218	2.9470804	21	12 11.7	20.4
185915 2000 ST_{210}	15.5	X	282.78932	266.47907	55.77024	12.30361	0.2131134	0.22264590	2.6960394	21	4 17.5	19.5
185916 2000 SO_{262}	16.0	X	156.31837	224.90960	166.14133	4.92162	0.1305005	0.21313768	2.7756363	21	3 14.1	20.3
185917 2000 SO_{266}	15.6	X	112.32444	314.14210	35.63545	12.30583	0.0466393	0.20106962	2.8856152	21	—	—
185918 2000 SE_{277}	15.3	X	316.61834	187.98890	211.65668	15.75497	0.3195920	0.18347373	3.0672803	21	8 26.3	18.7
185919 2000 SM_{284}	12.9	X	267.36565	177.26245	202.13537	13.43596	0.0849843	0.08228431	5.2350965	21	6 27.3	20.0
185920 2000 SS_{288}	15.3	X	322.37760	116.04766	347.92354	15.48573	0.0861789	0.19681683	2.9270349	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
185921 2000 SN_{298}	16.0	X	333.28677	193.59865	214.27045	12.77260	0.2276772	0.18874105	3.0099444	21	11 5.0	18.7
185922 2000 SR_{322}	15.9	X	99.14366	249.12102	182.39392	8.67779	0.0638017	0.21152441	2.7897314	21	2 15.5	19.6
185923 2000 SG_{325}	15.4	X	273.06105	255.94900	339.12380	8.30060	0.0698131	0.21064336	2.7975050	21	1 5.3	19.6
185924 2000 SX_{344}	15.2	X	166.88332	279.98691	94.57094	13.88562	0.1600646	0.21320928	2.7750149	21	3 12.6	19.9
185925 2000 TN_{11}	15.8	X	352.70668	203.54015	192.25094	12.57449	0.1610420	0.19032089	2.9932644	21	11 27.6	19.3
185926 2000 TE_{41}	15.5	X	291.98808	43.40482	7.76402	14.54431	0.1258000	0.18560890	3.0437117	21	9 8.4	19.5
185927 2000 TU_{41}	16.0	X	241.97288	237.77807	92.64966	6.26849	0.1673314	0.21889467	2.7267538	21	3 22.6	20.4
185928 2000 TJ_{43}	15.6	X	56.74447	316.70269	76.68756	9.42837	0.1071273	0.20004649	2.8954457	21	—	—
185929 2000 TH_{59}	15.4	X	327.42461	189.89439	110.13855	12.78990	0.2310824	0.22554096	2.6729188	21	5 18.6	18.4
185930 2000 TL_{67}	15.5	X	323.35809	207.95384	210.13463	9.78319	0.0819719	0.18917159	3.0053758	21	11 5.4	19.2
185931 2000 UK_{27}	15.7	X	198.68507	245.46596	110.12724	6.71710	0.2418604	0.21223833	2.7834719	21	3 15.5	20.7
185932 2000 UL_{49}	14.8	X	229.16651	97.32246	230.15299	19.19819	0.1721137	0.21192597	2.7862062	21	2 25.8	19.8
185933 2000 UV_{59}	15.4	X	274.07547	42.61711	4.99828	10.39519	0.1370161	0.17969636	3.1101155	21	8 7.6	19.8
185934 2000 UO_{82}	15.4	X	222.04891	291.38633	41.66812	13.27711	0.2008189	0.21559738	2.7544849	21	3 10.8	20.2
185935 2000 UK_{108}	15.5	X	221.17983	290.86228	76.38828	13.98432	0.2214964	0.21706895	2.7420219	21	4 18.5	20.4
185936 2000 VJ_{7}	15.5	X	96.07062	109.11897	216.36108	5.34569	0.0921108	0.19483242	2.9468763	21	—	—
185937 2000 WM_{16}	15.8	X	3.08286	1.01187	56.65980	3.81041	0.1935992	0.19100126	2.9861519	21	—	—
185938 2000 WF_{31}	14.6	X	225.37449	238.01751	224.31646	16.68942	0.1634891	0.17580021	3.1558992	21	8 8.5	19.9
185939 2000 WA_{43}	15.4	X	200.02284	268.26046	83.33700	9.87078	0.1661933	0.21084714	2.7957022	21	3 13.7	20.1
185940 2000 WU_{142}	15.4	X	300.16243	235.85761	201.09544	20.85731	0.2692296	0.18381620	3.0634693	21	9 27.1	19.0
185941 2000 WD_{148}	15.6	X	297.10109	331.14941	92.31490	8.33777	0.1243285	0.17970717	3.1099908	21	10 1.9	19.7
185942 2000 YO_{82}	15.0	X	313.29991	329.97942	99.73190	11.40254	0.0874652	0.18364883	3.0653303	21	11 7.6	19.0
185943 2000 YB_{98}	16.8	X	74.26554	57.18480	102.23702	3.42706	0.1409487	0.30275753	2.1965415	21	5 14.8	18.9
185944 2000 YA_{122}	15.7	X	265.31068	270.24314	169.19708	14.72571	0.2719648	0.17529741	3.1619309	21	8 12.8	20.7
185945 2000 YD_{131}	15.1	X	253.39886	351.12236	96.93755	11.76769	0.1855161	0.17431717	3.1737736	21	8 27.1	20.0
185946 2001 AT_{35}	15.1	X	342.93999	346.10760	62.53438	7.63335	0.2098621	0.18398177	3.0616311	21	11 25.6	18.0
185947 2001 BU_{17}	15.5	X	252.61823	4.62761	93.11389	6.72639	0.0931477	0.17598348	3.1537078	21	9 19.1	20.1
185948 2001 BE_{39}	15.1	X	251.63646	346.78023	127.52745	14.64739	0.0805172	0.17695707	3.1421296	21	10 12.8	19.8
185949 2001 BN_{68}	16.6	X	74.33891	351.28950	111.61869	5.29549	0.1602177	0.29520174	2.2338642	21	2 19.3	18.3
185950 2001 CH_{7}	17.0	X	354.70129	200.74901	0.85541	2.92920	0.1131040	0.29536912	2.2330202	21	2 13.5	19.2
185951 2001 DE_{8}	16.7	X	350.52160	126.03286	148.79297	8.31788	0.1586899	0.30338510	2.1935113	21	5 29.3	18.4
185952 2001 DJ_{33}	16.0	X	217.47553	23.35133	97.53776	3.68126	0.1278339	0.26680137	2.3897035	21	9 9.2	19.4
185953 2001 DE_{42}	16.5	X	1.38193	209.02160	335.25167	7.07548	0.0842763	0.29446239	2.2376019	21	2 3.9	18.8
185954 2001 DK_{44}	16.8	X	56.25641	353.78725	144.65857	6.07591	0.1227812	0.29632603	2.2282103	21	3 5.9	18.7
185955 2001 DX_{55}	17.4	X	296.83748	266.86807	336.01055	1.31169	0.1504310	0.29163210	2.2520559	21	1 15.8	20.6
185956 2001 DN_{66}	16.6	X	58.09877	148.60782	323.48767	4.87938	0.0905256	0.29330801	2.2434691	21	1 26.0	18.5
185957 2001 DH_{67}	16.4	X	81.99638	125.15452	329.23317	4.24025	0.1503839	0.29508016	2.2344778	21	2 17.8	18.2
185958 2001 EB_{19}	16.5	X	264.55438	154.30487	165.50405	6.58163	0.1156642	0.29633132	2.2281838	21	3 26.1	19.5
185959 2001 FL_{7}	17.0	X	37.06063	284.78969	148.90506	7.17578	0.1644979	0.28423366	2.2909681	21	—	—
185960 2001 FW_{70}	16.9	X	178.96403	90.10963	125.00284	2.99685	0.1592588	0.26979643	2.3719849	21	11 26.3	20.5
185961 2001 FQ_{74}	16.9	X	333.19792	86.33170	61.79272	4.70345	0.1113224	0.28395305	2.2924772	21	—	—
185962 2001 FH_{75}	16.3	X	88.49787	57.61103	43.37570	7.59979	0.1286175	0.29372665	2.2413369	21	3 12.6	18.6
185963 2001 FO_{102}	16.5	X	287.44393	94.42962	182.27583	4.56088	0.1564528	0.29080564	2.2563207	21	2 16.6	19.5
185964 2001 FS_{125}	17.3	X	336.52448	1.25627	155.38097	0.51429	0.1108917	0.28591916	2.2819557	21	—	—
185965 2001 FK_{142}	16.9	X	327.29559	314.38513	216.59210	5.79732	0.0625575	0.28521603	2.2857046	21	—	—
185966 2001 HC_{13}	17.1	X	217.10332	212.12984	46.90487	2.97557	0.1940697	0.27747121	2.3280418	21	—	—
185967 2001 HR_{15}	15.8	X	257.97842	285.64714	219.83027	20.27762	0.2838358	0.27466357	2.3438798	21	11 7.9	18.5
185968 2001 HT_{51}	17.2	X	271.29189	159.66867	55.63435	5.90999	0.1625247	0.28058125	2.3108067	21	—	—
185969 2001 HG_{63}	16.2	X	251.45687	66.67330	229.04013	22.73627	0.1748696	0.28539160	2.2847670	21	1 27.9	20.4
185970 2001 HP_{66}	16.8	X	191.34096	35.95525	178.45655	7.62401	0.2272013	0.26997279	2.3709518	21	12 2.4	20.6
185971 2001 JX_{7}	16.9	X	267.55060	177.19014	71.50769	6.54765	0.1316355	0.28312449	2.2969476	21	—	—
185972 2001 KL_{8}	16.5	X	119.26240	79.18544	206.79508	5.12468	0.1179803	0.26638275	2.3922064	21	12 26.2	20.1
185973 2001 KH_{21}	16.1	X	163.38837	248.03767	71.63504	22.66716	0.2723609	0.27490596	2.3425019	21	—	—
185974 2001 KP_{22}	16.2	X	185.57923	283.29569	57.09694	6.81664	0.2108931	0.28054865	2.3109857	21	2 7.0	20.0
185975 2001 KE_{40}	16.6	X	261.28825	79.58791	159.23889	8.04885	0.1897934	0.27972547	2.3155173	21	—	—
185976 2001 KY_{41}	16.8	X	208.18205	198.14856	85.58500	7.28373	0.1090341	0.28018059	2.3130092	21	—	—
185977 2001 MU_{7}	16.6	X	81.15351	201.68712	92.94651	3.52636	0.2078050	0.25769072	2.4457020	21	12 5.6	20.3
185978 2001 MO_{9}	16.1	X	197.89092	110.65089	186.63186	5.37034	0.3033496	0.27224598	2.3577354	21	—	—
185979 2001 MO_{16}	16.4	X	187.64122	184.20269	69.63303	4.90125	0.1048031	0.26756648	2.3851457	21	—	—
185980 2001 MC_{25}	15.8	X	160.50723	71.24760	218.44366	11.44459	0.2039017	0.26701183	2.3884476	21	—	—
185981 2001 MN_{30}	16.5	X	73.00168	148.71675	148.85757	5.87811	0.1268370	0.25616555	2.4553999	21	11 23.4	19.9
185982 2001 NW	16.6	X	132.92295	243.79594	67.94090	5.76301	0.2191376	0.26634281	2.3924456	21	—	—
185983 2001 NT_{1}	16.0	X	47.60728	189.97259	167.43074	12.45085	0.2817485	0.25787050	2.4445651	21	—	—
185984 2001 NP_{3}	16.8	X	43.11681	91.81861	250.78678	0.33095	0.1889783	0.25712260	2.4493032	21	12 23.0	19.8
185985 2001 NG_{10}	16.4	X	83.44088	347.89633	343.20517	3.94751	0.2072315	0.26103315	2.4247796	21	—	—
185986 2001 NA_{11}	17.2	X	158.77355	248.50879	44.98874	1.80478	0.1804249	0.26792751	2.3830026	21	—	—
185987 2001 OD_{1}	17.0	X	176.14818	280.87202	338.05855	3.73651	0.1959703	0.26732860	2.3865604	21	—	—
185988 2001 OL_{4}	16.2	X	64.66369	263.90887	84.16162	7.51194	0.1784177	0.25987895	2.4319538	21	—	—
185989 2001 OR_{4}	15.8	X	165.47727	3.51278	21.84926	9.91161	0.2967966	0.22408667	2.6844709	21	3 26.2	20.6
185990 2001 OS_{12}	16.2	X	104.50254	33.26725	287.39684	4.77561	0.1674503	0.26282630	2.4137382	21	—	—
185991 2001 OV_{19}	16.9	X	63.78635	161.49991	142.85111	5.40105	0.1976096	0.25602804	2.4562790	21	11 29.9	20.5
185992 2001 OA_{32}	15.6	X	184.33318	244.01582	211.76191	23.95097	0.0822219	0.23746753	2.5826560	21	6 26.6	19.9
185993 2001 OB_{76}	16.2	X	142.00675	28.75677	259.64623	9.32320	0.2384885	0.26416645	2.4055678	21	—	—
185994 2001 OB_{77}	16.3	X	297.54102	288.49286	92.13604	8.69483	0.1875518	0.24471786	2.5313893	21	7 27.3	19.1
185995 2001 PT_{1}	16.7	X	180.83054	66.00429	212.28599	2.58713	0.1743047	0.26986757	2.3715680	21	—	—
185996 2001 PR_{32}	16.1	X	111.19434	321.02294	346.31118	23.55108	0.1878744	0.26173338	2.4204529	21	—	—
185997 2001 PE_{35}	15.9	X	351.50052	110.00227	197.79078	12.83026	0.1884228	0.24362902	2.5389260	21	7 21.7	18.5
185998 2001 PM_{46}	15.9	X	292.41244	338.71634	24.11878	15.14575	0.1159326	0.24206743	2.5498334	21	7 5.9	19.4
185999 2001 PX_{62}	16.8	X	118.95682	195.39696	110.33515	11.48810	0.2908856	0.26178897	2.4201102	21	—	—
186000 2001 QC_{7}	17.1	X	139.86834	165.94747	151.09641	2.99652	0.2270673	0.26634936	2.3924063	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186001 2001 QM_{17}	16.1	X	203.54999	8.23808	24.03849	5.19830	0.2461804	0.23250215	2.6192969	21	4 26.8	20.6
186002 2001 QO_{44}	17.1	X	173.59058	263.88755	5.70549	2.27087	0.1948040	0.26681633	2.3896141	21	—	—
186003 2001 QD_{49}	17.1	X	61.39448	312.89397	343.74100	0.83917	0.2088647	0.25368533	2.4713779	21	11 17.2	20.5
186004 2001 QM_{53}	16.7	X	70.48452	315.52978	12.44506	2.77952	0.2145437	0.25766788	2.4458465	21	—	—
186005 2001 QW_{54}	16.3	X	262.03660	350.39995	19.45381	6.52915	0.2680470	0.23779419	2.5802902	21	5 14.3	20.5
186006 2001 QF_{60}	16.9	X	131.38875	259.36749	47.92776	2.65653	0.2034189	0.26436652	2.4043540	21	—	—
186007 Guilleminet	17.4	X	79.06131	338.18098	331.08859	0.46714	0.1882167	0.25735381	2.4478360	21	12 19.4	21.1
186008 2001 QG_{102}	16.9	X	125.00815	199.06272	135.71343	9.72698	0.2764871	0.26687743	2.3892494	21	—	—
186009 2001 QB_{112}	16.2	X	258.84219	62.67244	299.55151	1.16988	0.2559053	0.23332492	2.6131357	21	5 4.2	20.5
186010 2001 QR_{112}	16.1	X	300.89945	116.40709	224.14610	7.77887	0.1819462	0.23949570	2.5680545	21	6 4.5	19.3
186011 2001 QE_{118}	16.7	X	308.53780	140.88653	182.46506	13.96975	0.1964037	0.23911730	2.5707630	21	5 22.4	20.0
186012 2001 QE_{121}	16.7	X	119.35141	238.85123	82.67661	3.60558	0.1498895	0.26448255	2.4036508	21	—	—
186013 2001 QN_{122}	16.2	X	310.29634	11.55743	3.83476	6.42223	0.0730993	0.24667880	2.5179562	21	8 28.7	19.1
186014 2001 QO_{127}	16.1	X	58.55427	155.34828	206.75927	6.01880	0.1934711	0.25940878	2.4348914	21	—	—
186015 2001 QF_{131}	16.4	X	282.13391	139.13420	203.40687	7.24276	0.2041765	0.23813075	2.5778584	21	5 10.1	20.0
186016 2001 QG_{148}	16.1	X	261.99559	287.44411	101.16184	15.73755	0.1527407	0.23579762	2.5948351	21	6 23.3	19.9
186017 2001 QV_{150}	15.3	X	184.87611	172.32144	220.14520	28.63742	0.0445822	0.23107923	2.6300385	21	4 5.8	19.4
186018 2001 QZ_{157}	17.4	X	129.17014	102.06265	210.14290	1.47416	0.2084399	0.26398099	2.4066944	21	—	—
186019 2001 QK_{163}	16.8	X	101.37877	290.18871	44.54470	2.55200	0.2075612	0.26202000	2.4186875	21	—	—
186020 2001 QL_{180}	16.4	X	291.08502	331.48448	52.94636	3.44755	0.2767907	0.24169705	2.5524377	21	7 6.2	19.4
186021 2001 QD_{184}	17.7	X	114.07308	113.38831	174.52778	1.26114	0.1814630	0.25980852	2.4323932	21	12 24.9	21.5
186022 2001 QE_{196}	17.0	X	135.21239	190.65579	123.83981	3.44179	0.2156800	0.26573692	2.3960808	21	—	—
186023 2001 QO_{201}	15.4	X	148.19730	267.45974	178.96037	21.37433	0.1519020	0.22986615	2.6392835	21	5 17.1	19.9
186024 2001 QG_{207}	14.5	X	65.02556	233.70238	133.62573	3.23832	0.2514579	0.11134057	4.2792444	21	—	—
186025 2001 QU_{215}	16.9	X	309.52926	209.41974	145.23413	4.04525	0.2166195	0.24221248	2.5488153	21	7 2.9	19.7
186026 2001 QZ_{229}	15.8	X	185.35973	251.38376	189.01480	12.79890	0.1712508	0.23417156	2.6068334	21	6 11.8	20.3
186027 2001 QN_{245}	16.7	X	334.82073	175.07117	179.36851	9.43843	0.2484959	0.24455208	2.5325331	21	8 24.7	18.4
186028 2001 QL_{254}	16.9	X	165.10543	215.95303	74.89980	5.60385	0.2648580	0.26758285	2.3850484	21	—	—
186029 2001 QO_{273}	16.5	X	103.01152	300.50815	25.89941	6.48960	0.1555819	0.26178769	2.4201182	21	—	—
186030 2001 QL_{285}	16.1	X	96.56571	166.55385	187.05414	13.25879	0.0987498	0.26544457	2.3978397	21	—	—
186031 2001 QO_{328}	15.1	X	267.60314	329.18176	120.45313	10.08159	0.0173898	0.19815615	2.9138310	21	10 12.2	19.3
186032 2001 RA_{34}	15.5	X	199.47593	147.57432	317.66695	14.61627	0.0625370	0.24312526	2.5424319	21	8 1.8	19.1
186033 2001 RZ_{44}	16.0	X	64.19634	72.64382	334.08905	4.61286	0.3153487	0.21169890	2.7881983	21	—	—
186034 2001 RB_{50}	16.0	X	265.90831	169.20575	195.10141	14.30302	0.1253040	0.23760013	2.5816950	21	5 30.8	19.8
186035 2001 RX_{80}	16.1	X	244.13879	197.03278	176.36281	8.03478	0.2036853	0.23288378	2.6164346	21	5 11.6	20.3
186036 2001 RA_{84}	16.9	X	67.13118	149.47563	185.95794	2.64061	0.2263495	0.25675414	2.4516459	21	—	—
186037 2001 RO_{99}	17.0	X	42.02055	215.93617	128.16027	3.08195	0.1730321	0.25505429	2.4625268	21	12 20.9	20.3
186038 2001 RM_{115}	17.1	X	118.77318	177.07340	136.90664	2.86555	0.1984496	0.26190783	2.4193780	21	—	—
186039 2001 RA_{116}	16.1	X	12.19336	351.08645	8.12875	6.60923	0.1144306	0.20172608	2.8793515	21	11 6.5	19.6
186040 2001 RB_{123}	15.8	X	263.83731	223.40150	359.57809	7.93004	0.1671723	0.21969533	2.7201248	21	—	—
186041 2001 RU_{126}	16.5	X	217.71714	336.86250	75.72488	4.50877	0.1677824	0.23537291	2.5979556	21	6 5.9	20.4
186042 2001 RJ_{155}	17.1	X	340.60646	291.87429	45.27516	11.14714	0.2626983	0.24397924	2.5364957	21	8 20.0	19.0
186043 2001 SA_{1}	16.5	X	58.74365	117.57171	201.34406	5.62410	0.2323276	0.25329514	2.4739152	21	12 15.5	20.1
186044 2001 SZ_{1}	15.6	X	209.74354	180.76984	192.11469	13.50661	0.1920980	0.22894065	2.6463916	21	4 10.4	20.0
186045 2001 SK_{13}	16.1	X	287.98591	222.73185	176.62188	15.03589	0.1140850	0.24357450	2.5393048	21	8 16.6	19.3
186046 2001 SK_{17}	16.6	X	204.34947	333.70176	25.17013	1.06088	0.1196323	0.22722038	2.6597319	21	3 19.7	20.6
186047 2001 SA_{18}	16.9	X	60.66553	258.21131	81.20541	2.33239	0.1933920	0.25561179	2.4589449	21	—	—
186048 2001 SV_{23}	15.5	X	130.94711	278.92366	9.22368	7.47854	0.1518648	0.20930266	2.8094386	21	—	—
186049 2001 SP_{32}	16.9	X	64.87311	182.91639	156.02069	2.39055	0.2101133	0.25557661	2.4591705	21	—	—
186050 2001 SA_{40}	15.6	X	65.45766	15.86675	40.56255	8.63662	0.2195146	0.21223681	2.7834851	21	—	—
186051 2001 SO_{50}	15.7	X	189.49019	339.18461	64.08395	6.06180	0.2764849	0.22822471	2.6519232	21	5 1.6	20.5
186052 2001 SX_{51}	16.2	X	45.25220	246.48054	99.82025	4.11849	0.1921508	0.25326114	2.4741366	21	12 29.9	19.6
186053 2001 ST_{52}	16.9	X	316.28116	229.85534	101.11247	2.08683	0.2024653	0.23910088	2.5708807	21	6 12.4	19.7
186054 2001 SC_{54}	16.4	X	304.15038	331.41991	28.07870	13.18405	0.2513613	0.24040005	2.5616100	21	6 24.1	19.7
186055 2001 ST_{64}	16.0	X	204.88783	190.06088	196.51749	14.02221	0.2783698	0.22842390	2.6503813	21	4 22.4	20.8
186056 2001 ST_{67}	16.2	X	181.29888	237.94823	188.11989	12.91374	0.2497412	0.22769718	2.6560176	21	5 23.5	21.0
186057 2001 SF_{68}	16.2	X	134.04338	264.28748	197.99697	12.78236	0.0860147	0.22630907	2.6668673	21	5 14.6	20.1
186058 2001 SP_{102}	15.9	X	106.97013	153.25253	264.28937	2.34143	0.2243911	0.21929600	2.7234260	21	3 2.7	19.6
186059 2001 SA_{125}	16.7	X	39.14947	184.60596	183.49550	4.64721	0.2083804	0.25584168	2.4574716	21	—	—
186060 2001 SJ_{134}	16.6	X	80.77239	249.67311	190.78008	11.81895	0.1835474	0.21830775	2.7316388	21	2 16.0	19.9
186061 2001 SG_{135}	16.1	X	254.26040	100.31488	185.47613	14.34189	0.0551740	0.22453947	2.6808607	21	2 9.9	20.2
186062 2001 SQ_{150}	15.5	X	108.90337	280.95797	196.81465	13.46824	0.1661740	0.22655238	2.6649576	21	5 15.5	19.4
186063 2001 SC_{166}	17.1	X	89.62804	133.84507	159.70271	2.68022	0.1703233	0.25518849	2.4616633	21	12 8.8	20.9
186064 2001 SS_{166}	15.6	X	214.41690	83.34032	0.55465	12.72274	0.1676377	0.18751692	3.0230297	21	7 15.7	20.7
186065 2001 SK_{167}	15.7	X	128.07552	338.31543	191.84713	3.54114	0.1071885	0.23898955	2.5716791	21	8 5.2	19.4
186066 2001 SA_{173}	16.8	X	273.84274	342.59690	22.56305	2.67045	0.0650904	0.23655310	2.5893074	21	6 19.1	20.2
186067 2001 SQ_{173}	15.4	X	129.10627	284.12585	176.98336	11.39087	0.1509793	0.22670582	2.6637549	21	5 15.5	19.5
186068 2001 SU_{176}	16.3	X	75.81817	270.24594	43.92483	7.83210	0.2274198	0.25403038	2.4691394	21	12 25.2	20.2
186069 2001 SP_{177}	16.6	X	272.44726	168.00800	180.49890	13.37099	0.1820740	0.23427062	2.6060985	21	5 11.6	20.5
186070 2001 SO_{192}	16.0	X	294.21902	201.50987	174.39347	9.40231	0.0600781	0.24242675	2.5473133	21	8 1.6	19.3
186071 2001 SF_{206}	16.7	X	308.62649	311.14516	0.56419	13.18030	0.1671449	0.23722535	2.5844134	21	5 3.4	20.2
186072 2001 SL_{207}	16.7	X	49.18358	100.41959	172.96300	2.22596	0.1055427	0.24521871	2.5279413	21	9 14.7	19.6
186073 2001 SA_{216}	16.6	X	317.55983	194.47796	158.03106	7.07539	0.0836315	0.24269237	2.5454543	21	8 2.6	19.6
186074 2001 SO_{219}	16.8	X	327.22123	165.25797	179.85732	5.22007	0.1186687	0.24233210	2.5479765	21	8 4.5	19.4
186075 2001 SF_{221}	17.3	X	86.11062	279.35807	36.62484	0.71303	0.2145721	0.25662245	2.4524846	21	—	—
186076 2001 SL_{226}	16.1	X	74.34880	254.54430	175.57483	9.98945	0.1251321	0.21611496	2.7500853	21	1 16.8	19.5
186077 2001 SB_{227}	16.6	X	250.14903	196.05112	163.81529	4.96688	0.1976883	0.23319541	2.6141032	21	4 30.4	20.7
186078 2001 SL_{227}	17.0	X	8.04202	169.48481	169.15705	2.44884	0.1058097	0.24648666	2.5192645	21	10 12.4	19.8
186079 2001 SU_{227}	16.5	X	205.85123	7.61803	12.74611	4.43738	0.1265321	0.22882979	2.6472463	21	4 15.8	20.7
186080 2001 SO_{230}	17.0	X	340.83997	195.78051	133.23013	1.11475	0.1954541	0.24222468	2.5487297	21	8 3.2	19.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186081 2001 SV_{235}	15.7	X	87.73681	45.60499	33.98424	13.50834	0.1467924	0.21882916	2.7272979	21	3 1.9	19.3
186082 2001 SQ_{238}	15.8	X	195.49880	332.83854	35.97216	14.26706	0.0923153	0.22529160	2.6748907	21	3 28.0	19.9
186083 2001 SU_{239}	15.5	X	159.58403	239.52472	128.84626	4.91204	0.1552418	0.22000596	2.7175638	21	2 19.6	19.7
186084 2001 SD_{245}	17.2	X	352.30395	154.49170	169.40909	3.94738	0.2151754	0.24345286	2.5401505	21	8 23.6	19.2
186085 2001 SZ_{247}	16.3	X	132.85750	352.04761	43.97160	6.85297	0.1510740	0.21937971	2.7227331	21	2 28.2	20.3
186086 2001 SW_{258}	16.8	X	250.28438	155.92572	230.83779	3.99680	0.0178472	0.23778044	2.5803897	21	6 24.0	20.3
186087 2001 SP_{259}	16.8	X	117.41165	78.45551	192.57705	0.90862	0.1672846	0.25570288	2.4583609	21	12 6.6	20.7
186088 2001 SV_{276}	15.6	X	180.29318	331.02866	19.93249	14.22009	0.2071414	0.22046109	2.7138223	21	2 25.7	20.3
186089 2001 SM_{288}	15.6	X	118.72592	276.60768	211.17020	16.36950	0.1318447	0.23037024	2.6354319	21	6 3.2	19.6
186090 2001 SS_{293}	16.0	X	261.31811	243.08121	182.60667	6.67274	0.1311828	0.19201339	2.9756490	21	8 10.7	20.3
186091 2001 SD_{295}	16.5	X	67.53242	181.99915	272.31233	1.21687	0.2197569	0.21956032	2.7212398	21	2 19.8	19.2
186092 2001 SK_{303}	16.6	X	227.06765	227.32294	191.22466	5.58631	0.0755343	0.23714746	2.5849793	21	6 30.1	20.3
186093 2001 SD_{313}	16.3	X	310.24253	214.20770	114.52768	6.41690	0.1345593	0.23824731	2.5770175	21	6 10.7	19.3
186094 2001 SG_{336}	16.4	X	272.76581	181.79947	184.81132	4.39415	0.0662983	0.23840130	2.5759078	21	6 19.5	19.8
186095 2001 SV_{345}	15.9	X	115.03441	214.79446	104.26165	16.36394	0.2927658	0.26148756	2.4219697	21	—	—
186096 2001 SQ_{353}	15.6	X	107.82820	325.61330	229.12558	12.48474	0.0846183	0.23967268	2.5667901	21	8 7.6	19.5
186097 2001 SG_{354}	16.7	X	223.32859	288.83857	85.61721	5.53702	0.1596284	0.23125037	2.6287408	21	4 26.6	20.9
186098 2001 TR_{2}	16.0	X	73.52681	265.45659	191.05002	12.53828	0.1135033	0.21998005	2.7177772	21	2 15.6	19.4
186099 2001 TY_{18}	16.8	X	340.50520	160.30696	208.49807	2.91626	0.2036657	0.24587260	2.5234573	21	10 7.8	18.7
186100 2001 TN_{25}	16.6	X	333.56043	55.54527	286.99153	4.88190	0.1829547	0.24217169	2.5491016	21	8 7.7	18.8
186101 2001 TU_{31}	16.1	X	172.12639	15.15949	24.47405	15.40244	0.1924785	0.22359972	2.6883669	21	4 11.5	20.5
186102 2001 TB_{37}	15.4	X	145.10875	339.78458	41.61610	14.46808	0.1692969	0.21633059	2.7482575	21	3 1.7	19.9
186103 2001 TQ_{38}	15.4	X	253.69627	315.79605	54.61527	33.41685	0.2797789	0.23113879	2.6295867	21	5 10.9	19.8
186104 2001 TZ_{48}	16.4	X	178.88318	138.26594	230.52871	19.53793	0.0567826	0.37236566	1.9134758	21	1 28.7	19.0
186105 2001 TF_{52}	15.8	X	91.82136	1.08008	67.02364	9.25786	0.2026302	0.21600176	2.7510460	21	2 27.7	19.4
186106 2001 TW_{56}	13.2	X	185.97072	237.58887	200.56079	7.51742	0.0327313	0.08252424	5.2249445	21	6 13.3	20.3
186107 2001 TG_{71}	16.6	X	241.99118	177.16225	183.90798	5.21755	0.2556426	0.23124196	2.6288045	21	4 19.9	21.0
186108 2001 TB_{72}	15.8	X	80.65953	345.04934	66.08224	9.33794	0.2199729	0.21263221	2.7800334	21	1 19.3	19.0
186109 2001 TH_{80}	14.8	X	104.56253	299.06344	102.42733	8.66672	0.2861224	0.21299027	2.7769169	21	2 21.3	18.7
186110 2001 TB_{82}	15.8	X	213.76777	160.41619	221.77318	10.80554	0.2260820	0.23048948	2.6345229	21	4 22.9	20.4
186111 2001 TV_{92}	16.0	X	167.49155	336.85620	341.31706	5.14812	0.0549719	0.21484750	2.7608905	21	—	—
186112 2001 TR_{95}	17.0	X	336.60164	19.26960	328.65763	3.73504	0.1988185	0.24301738	2.5431842	21	8 24.0	18.7
186113 2001 TP_{100}	15.8	X	59.52479	3.79394	213.59632	4.88056	0.1336249	0.23509475	2.6000045	21	7 15.7	18.9
186114 2001 TC_{109}	15.1	X	216.64212	48.28057	2.36547	13.65284	0.0556947	0.18266498	3.0763272	21	6 8.5	19.9
186115 2001 TL_{113}	15.6	X	82.59911	23.11400	221.09017	12.82120	0.1421218	0.24210845	2.5495454	21	9 21.1	19.4
186116 2001 TV_{126}	16.2	X	46.34064	195.42279	33.91676	4.27916	0.1016896	0.23387747	2.6090183	21	7 8.5	19.2
186117 2001 TC_{128}	16.1	X	249.00194	288.86262	85.56495	5.60268	0.1669435	0.23436517	2.6053976	21	5 19.9	20.0
186118 2001 TG_{138}	15.0	X	188.44470	125.86239	11.56831	12.11242	0.0842802	0.24524186	2.5277822	21	9 3.1	18.7
186119 2001 TG_{139}	16.7	X	95.18237	213.50066	108.23629	5.53408	0.2059276	0.25939461	2.4349801	21	—	—
186120 2001 TM_{140}	16.8	X	244.44687	309.94224	85.59919	4.71856	0.2014835	0.23676719	2.5877464	21	6 7.4	20.7
186121 2001 TU_{143}	16.2	X	74.60368	9.83286	56.23801	8.82248	0.2092690	0.21483660	2.7609838	21	1 27.7	19.3
186122 2001 TH_{145}	16.3	X	352.93278	150.68544	165.07647	9.13837	0.1168658	0.24148080	2.5539613	21	8 9.2	19.0
186123 2001 TW_{146}	16.4	X	16.97779	138.50430	144.24925	5.48952	0.2041336	0.24156279	2.5533833	21	8 16.7	18.4
186124 2001 TF_{148}	16.3	X	227.11574	350.62814	48.19178	9.02854	0.1020458	0.23324030	2.6137677	21	6 1.1	20.2
186125 2001 TM_{150}	12.8	X	243.74752	322.07571	67.62491	13.15667	0.0532034	0.08348556	5.1847580	21	6 17.4	19.8
186126 2001 TT_{150}	16.2	X	176.80029	267.59845	109.33119	4.16003	0.1174825	0.22331339	2.6906645	21	3 16.9	20.4
186127 2001 TM_{152}	16.3	X	14.53890	279.58551	54.26473	12.40106	0.1879576	0.24665547	2.5181149	21	10 30.2	18.9
186128 2001 TP_{154}	12.8	X	163.23276	19.25461	78.55507	12.24265	0.0134617	0.08372915	5.1746970	21	6 10.4	19.7
186129 2001 TO_{159}	16.6	X	264.58529	171.25441	188.48424	2.47218	0.1707445	0.23422814	2.6064136	21	5 16.8	20.3
186130 2001 TL_{162}	16.5	X	349.77386	70.82426	3.68696	7.24747	0.1967341	0.20411115	2.8568771	21	—	—
186131 2001 TJ_{164}	16.3	X	180.49458	222.07473	202.24047	13.16550	0.1358100	0.22877412	2.6476757	21	5 18.3	20.5
186132 2001 TC_{165}	15.5	X	358.86652	327.08480	212.62610	12.60267	0.1165333	0.22213297	2.7001882	21	2 1.3	19.0
186133 2001 TF_{165}	15.7	X	134.52256	1.55831	75.04870	12.82149	0.1543486	0.22302148	2.6930118	21	4 23.4	19.9
186134 2001 TM_{171}	16.3	X	271.21317	253.08106	114.02662	8.47719	0.2150026	0.23548318	2.5971445	21	5 29.5	20.1
186135 2001 TN_{192}	15.1	X	132.40358	148.32000	245.47709	12.33138	0.0331998	0.21722389	2.7407178	21	2 1.7	19.2
186136 2001 TG_{196}	15.9	X	354.26489	279.81600	76.20226	12.48570	0.1575902	0.24702630	2.5155942	21	10 23.5	18.5
186137 2001 TZ_{204}	16.0	X	159.84255	342.02891	79.63322	9.30219	0.0661131	0.22785798	2.6547678	21	4 22.2	19.9
186138 2001 TK_{206}	13.2	X	182.26942	218.23648	203.84988	5.11183	0.0051803	0.08296286	5.2065126	21	5 22.5	20.1
186139 2001 TE_{207}	16.8	X	194.75704	8.84175	12.81273	1.84500	0.0841381	0.22749451	2.6575948	21	4 6.8	20.5
186140 2001 TX_{214}	15.5	X	10.55657	282.91322	354.61435	14.07494	0.0813561	0.23670187	2.5882224	21	7 20.2	18.7
186141 2001 TO_{217}	15.8	X	108.25113	287.39448	251.08948	4.82729	0.0739704	0.23766864	2.5811988	21	7 19.8	19.3
186142 Gillespie	16.5	X	13.13731	282.25650	189.23394	8.77814	0.2563471	0.21200460	2.7855173	21	—	—
186143 2001 TB_{257}	16.7	X	251.71625	137.69321	202.31331	1.14597	0.0745442	0.22872075	2.6480875	21	4 17.3	20.3
186144 2001 UN_{9}	15.8	X	101.17871	14.11376	61.63923	10.01255	0.1347315	0.21833486	2.7314127	21	3 12.4	19.6
186145 2001 US_{10}	15.9	X	291.18977	272.34403	83.18652	9.97765	0.0982443	0.23306619	2.6150693	21	6 24.8	19.3
186146 2001 US_{19}	17.2	X	339.70491	135.22047	190.39141	3.71978	0.1384326	0.24186948	2.5512244	21	7 28.6	19.7
186147 2001 UL_{20}	16.7	X	194.10755	359.04755	40.77034	2.88878	0.0921879	0.22871226	2.6481531	21	4 29.3	20.6
186148 2001 UA_{29}	15.9	X	98.02572	59.21167	48.85924	8.61131	0.1257181	0.22296974	2.6934284	21	4 14.1	19.5
186149 2001 UE_{37}	15.5	X	80.86614	44.81588	67.51286	14.04943	0.1610910	0.22010873	2.7167179	21	4 6.8	19.1
186150 2001 UP_{38}	16.5	X	228.87414	137.28629	192.78354	1.65665	0.0837206	0.22527163	2.6750488	21	3 9.5	20.4
186151 2001 UW_{56}	16.7	X	296.69255	26.44939	323.79890	2.74307	0.1001286	0.23740121	2.5831369	21	6 25.5	19.7
186152 2001 UL_{61}	16.4	X	231.65203	157.10852	222.48114	1.33919	0.1071739	0.23188375	2.6239517	21	5 12.7	20.3
186153 2001 UN_{66}	16.5	X	261.26194	100.68227	235.84373	22.10813	0.0410232	0.37644699	1.8996204	21	4 8.1	18.8
186154 2001 UW_{99}	15.6	X	354.12886	352.50414	206.61490	11.85809	0.0448791	0.22116830	2.7080341	21	2 28.1	19.2
186155 2001 UX_{102}	16.6	X	280.48911	284.48402	47.87763	3.25936	0.0776031	0.23248549	2.6194221	21	5 12.3	20.1
186156 2001 UD_{105}	16.1	X	327.23242	167.10741	93.63511	3.21369	0.0118980	0.22759165	2.6568386	21	4 21.2	19.5
186157 2001 UH_{106}	16.5	X	137.17995	344.44802	55.27520	5.62103	0.1170744	0.21956099	2.7212342	21	3 4.9	20.5
186158 2001 UF_{107}	16.9	X	312.55551	292.35722	51.91227	9.53153	0.1839971	0.23833350	2.5763963	21	6 28.7	19.8
186159 2001 US_{110}	16.6	X	216.28251	134.09284	207.99188	4.78155	0.0755870	0.22461048	2.6802957	21	3 10.3	20.6
186160 2001 UL_{116}	15.8	X	346.86858	85.70129	216.96802	9.84076	0.1406509	0.23641340	2.5903274	21	7 6.5	18.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186161 2001 UW_{120}	16.6	X	270.23832	321.54240	53.01007	9.89970	0.1466913	0.23492390	2.6012649	21	6 14.1	20.3
186162 2001 UT_{130}	16.4	X	165.32728	339.00041	44.07885	7.03697	0.0672748	0.22151601	2.7051995	21	3 10.7	20.3
186163 2001 UP_{133}	16.1	X	292.32425	29.41143	210.32916	9.30883	0.0615342	0.22080479	2.7110055	21	1 28.1	20.0
186164 2001 UT_{133}	16.9	X	136.88223	162.29333	262.41376	0.55575	0.0734779	0.22356025	2.6886833	21	3 27.1	20.5
186165 2001 UG_{134}	16.0	X	158.53581	241.86119	211.33131	21.38965	0.0110956	0.23067969	2.6330745	21	5 24.4	19.7
186166 2001 UK_{137}	16.5	X	349.77651	15.80373	72.07468	3.46241	0.2283531	0.20493279	2.8492359	21	—	—
186167 2001 US_{137}	16.9	X	204.36553	210.77486	146.43881	1.09608	0.0922679	0.22521129	2.6755267	21	3 17.9	20.7
186168 2001 UO_{139}	16.3	X	61.39463	231.14511	37.89886	7.84325	0.1254181	0.24349934	2.5398273	21	10 1.7	19.6
186169 2001 UQ_{143}	16.2	X	26.78327	81.42896	204.87377	3.22643	0.0426792	0.23858753	2.5745672	21	8 19.1	19.4
186170 2001 UY_{143}	15.9	X	9.92154	11.76576	60.89890	5.96813	0.1706150	0.20485144	2.8499902	21	—	—
186171 2001 UY_{148}	16.5	X	317.69513	272.89136	76.35978	4.14530	0.2326448	0.23947735	2.5681857	21	7 8.1	18.9
186172 2001 UR_{150}	16.3	X	326.94742	127.10275	222.36452	6.50629	0.2523417	0.24052972	2.5606893	21	7 23.7	18.6
186173 2001 UZ_{155}	15.7	X	357.27919	230.95834	56.38424	9.15270	0.0573794	0.23390062	2.6088462	21	7 7.6	18.9
186174 2001 UL_{165}	16.5	X	316.21641	257.68490	88.71407	9.89282	0.0791498	0.24014160	2.5634476	21	7 25.1	19.5
186175 2001 UY_{166}	16.7	X	209.84865	304.65977	64.53279	3.74510	0.0886650	0.22601662	2.6691673	21	4 8.8	20.6
186176 2001 UL_{172}	16.4	X	161.06586	271.22260	183.26434	3.52722	0.0480218	0.23047755	2.6346138	21	6 1.1	20.1
186177 2001 UH_{175}	16.2	X	336.25467	148.47112	189.80258	10.80326	0.1656869	0.24106882	2.5568702	21	8 6.2	18.8
186178 2001 UT_{184}	16.9	X	277.18922	208.13497	163.23567	8.53044	0.1888257	0.23723854	2.5843176	21	6 13.9	20.7
186179 2001 UA_{197}	15.6	X	77.39962	2.20711	49.20142	10.14066	0.2263047	0.21428757	2.7656978	21	1 14.6	18.7
186180 2001 UZ_{203}	16.0	X	354.34201	250.02613	22.00011	5.99162	0.0806377	0.23343680	2.6123007	21	6 8.3	19.0
186181 2001 UK_{204}	16.3	X	289.99831	284.48792	14.65599	5.63508	0.0168401	0.22731432	2.6589990	21	4 19.3	19.8
186182 2001 UU_{208}	16.3	X	326.58948	153.57618	98.61724	3.29115	0.0376681	0.22738288	2.6584645	21	4 5.9	19.8
186183 2001 UZ_{227}	16.6	X	55.19837	243.38149	221.04747	5.70916	0.0389176	0.21784467	2.7355086	21	1 24.7	20.3
186184 2001 VT	16.1	X	225.69469	342.18338	52.28325	16.04226	0.2921216	0.23437056	2.6053576	21	5 14.8	20.8
186185 2001 VH_{8}	15.4	X	6.34238	100.89652	45.69479	14.88907	0.0760554	0.21317140	2.7753436	21	1 13.1	19.1
186186 2001 VV_{8}	16.4	X	221.68413	13.94885	3.83500	2.01115	0.2224146	0.22801998	2.6535103	21	4 24.3	21.0
186187 2001 VX_{31}	15.6	X	92.04419	5.51067	58.88603	16.90265	0.2137564	0.21358865	2.7717280	21	3 2.1	19.5
186188 2001 VU_{48}	15.2	X	199.44918	314.96489	83.04011	14.52473	0.2561113	0.22474902	2.6791941	21	5 6.1	20.1
186189 2001 VM_{54}	16.0	X	131.67574	27.34140	6.21483	8.44570	0.1759165	0.21789708	2.7350700	21	2 26.2	20.0
186190 2001 VX_{75}	16.9	X	183.40595	179.12208	216.06178	2.56666	0.0950371	0.22543891	2.6737253	21	4 12.0	20.9
186191 2001 VX_{86}	15.8	X	98.04846	327.18590	122.58109	12.24442	0.1169482	0.21822894	2.7322965	21	3 22.9	19.6
186192 2001 VD_{89}	15.9	X	163.93807	21.97939	357.74450	11.26748	0.1898723	0.22139591	2.7061778	21	3 11.7	20.2
186193 2001 VF_{90}	15.9	X	230.02492	295.71621	90.71390	12.45128	0.2704538	0.23118926	2.6292040	21	5 13.1	20.6
186194 2001 VH_{91}	15.9	X	235.38095	189.49715	186.07609	14.82842	0.1203412	0.22949445	2.6421325	21	5 12.9	20.1
186195 2001 VB_{94}	16.2	X	232.15462	186.04936	173.26249	11.70015	0.2567938	0.22761500	2.6566568	21	4 11.3	20.8
186196 2001 VU_{96}	15.7	X	164.01821	274.78420	142.46395	12.00537	0.1894778	0.22258566	2.6965259	21	4 29.6	20.3
186197 2001 VQ_{104}	15.8	X	137.55426	357.51912	48.77239	16.94845	0.0809339	0.21869757	2.7283918	21	3 16.0	20.0
186198 2001 VP_{111}	16.3	X	120.22036	124.81937	262.81528	3.55220	0.0779511	0.21342577	2.7731379	21	1 21.2	20.1
186199 2001 VT_{121}	15.7	X	302.23724	135.65409	208.75079	11.84941	0.1848999	0.23582134	2.5946612	21	6 11.5	19.0
186200 2001 VJ_{124}	16.5	X	280.08135	306.41703	49.80447	4.62833	0.1339397	0.23365173	2.6106985	21	6 4.2	20.1
186201 2001 VP_{124}	16.0	X	54.42323	21.78442	73.00764	4.95514	0.0648818	0.21311381	2.7758436	21	1 16.3	19.4
186202 2001 VZ_{124}	16.0	X	20.95347	223.31803	65.42384	12.48157	0.1710974	0.23774749	2.5806281	21	9 6.7	19.0
186203 2001 WL_{8}	15.7	X	274.95334	123.05769	221.90540	11.37991	0.2026619	0.23188815	2.6239185	21	5 4.9	19.6
186204 2001 WT_{14}	15.2	X	325.09851	213.78198	63.08955	13.87258	0.1456157	0.22663258	2.6643288	21	4 25.0	18.5
186205 2001 WF_{25}	15.7	X	127.31081	258.83547	219.19917	13.66523	0.0528001	0.22858289	2.6491522	21	5 22.2	19.4
186206 2001 WL_{25}	16.6	X	197.38231	342.78775	45.33940	2.56427	0.1023279	0.22652464	2.6651751	21	4 18.4	20.5
186207 2001 WQ_{26}	16.4	X	334.47622	93.05950	221.95481	9.20087	0.1037517	0.23538133	2.5978937	21	7 4.6	19.5
186208 2001 WX_{26}	16.3	X	191.16046	286.96265	101.32443	2.96116	0.0665581	0.22444922	2.6815793	21	4 12.9	20.2
186209 2001 WT_{34}	16.9	X	7.45408	145.25183	193.14976	3.75978	0.2847499	0.24513758	2.5284990	21	11 5.9	18.9
186210 2001 WH_{35}	15.6	X	346.76520	82.38103	75.34269	13.59658	0.0917756	0.21095055	2.7947884	21	—	—
186211 2001 WJ_{37}	16.7	X	286.47591	276.05984	89.87945	4.83310	0.1972404	0.23655376	2.5893026	21	6 16.6	19.9
186212 2001 WZ_{37}	15.7	X	116.25313	4.97804	65.82727	15.29237	0.0295965	0.21910052	2.7250456	21	3 13.2	19.7
186213 2001 WA_{43}	16.3	X	209.12708	354.71927	53.90318	9.46706	0.1346665	0.23161492	2.6259817	21	5 24.5	20.5
186214 2001 WW_{47}	15.5	X	134.02954	249.51306	214.61923	21.38905	0.0670446	0.22592939	2.6698543	21	5 13.9	19.3
186215 2001 WE_{48}	15.9	X	114.50247	241.14671	164.81125	8.44200	0.0953640	0.21573836	2.7532848	21	2 7.5	19.6
186216 2001 WM_{48}	15.4	X	289.77576	232.38551	137.04536	13.42670	0.1474724	0.18604459	3.0389579	21	7 4.5	19.7
186217 2001 WN_{48}	15.5	X	141.61857	267.18020	201.80701	21.58425	0.0438588	0.22726066	2.6594176	21	5 27.3	19.5
186218 2001 WP_{60}	16.5	X	312.45439	343.85417	341.74739	0.64157	0.0937475	0.23354167	2.6115187	21	6 15.6	19.4
186219 2001 WQ_{63}	16.3	X	182.27236	297.91714	43.85734	3.00437	0.1919795	0.21792610	2.7348272	21	2 11.4	20.8
186220 2001 WS_{77}	16.3	X	275.68342	205.03368	75.36997	6.04892	0.1024124	0.22164676	2.7041355	21	2 28.9	20.2
186221 2001 WC_{79}	16.4	X	55.82311	33.34350	59.26004	3.17785	0.0151035	0.21315204	2.7755116	21	1 12.7	20.1
186222 2001 WA_{81}	16.8	X	225.93915	291.25032	72.15464	7.06537	0.0717387	0.22516168	2.6759196	21	4 20.9	20.7
186223 2001 WN_{83}	16.0	X	335.00531	189.57923	62.71803	15.33109	0.1302868	0.22456060	2.6806926	21	4 12.4	19.4
186224 2001 WF_{87}	16.2	X	321.71604	45.90913	297.98143	2.17423	0.1710242	0.23919007	2.5702416	21	7 17.8	18.6
186225 2001 WP_{87}	16.0	X	219.16024	282.22169	30.50474	6.44209	0.0367239	0.21793474	2.7347549	21	2 10.9	19.9
186226 2001 WC_{102}	16.2	X	51.71604	29.76177	75.87552	5.75902	0.0712650	0.21367505	2.7709807	21	1 27.2	19.6
186227 2001 XN_{10}	16.0	X	276.78761	331.47221	37.71575	6.41572	0.3451365	0.23545239	2.5973710	21	5 19.7	20.0
186228 2001 XK_{41}	15.8	X	100.11396	7.18443	49.51103	12.88601	0.2673713	0.21319020	2.7751804	21	3 8.7	19.8
186229 2001 XF_{43}	15.6	X	197.05199	341.85730	59.07683	15.03003	0.2455028	0.22555223	2.6728298	21	5 5.4	20.4
186230 2001 XW_{82}	15.4	X	356.45756	102.48049	85.59577	17.67044	0.0542625	0.21596318	2.7513737	21	2 28.4	19.3
186231 2001 XK_{83}	16.7	X	256.56803	295.49129	144.18275	3.15664	0.2828761	0.18568347	3.0428968	21	8 4.9	21.3
186232 2001 XX_{83}	15.4	X	328.86711	43.80572	95.46944	15.99503	0.0942981	0.20365273	2.8611627	21	—	—
186233 2001 XU_{84}	15.7	X	173.76782	275.84433	108.68930	9.59250	0.2153930	0.21971055	2.7199992	21	3 30.9	20.4
186234 2001 XP_{93}	16.6	X	196.85455	356.32547	40.72011	2.32801	0.0944318	0.22633300	2.6666794	21	4 28.8	20.5
186235 2001 XS_{102}	17.0	X	258.12731	340.64537	287.08391	17.83356	0.0583702	0.36385515	1.9431979	21	—	—
186236 2001 XO_{121}	16.5	X	93.54231	2.73478	64.68527	5.69661	0.1081149	0.21517312	2.7581044	21	2 12.7	20.1
186237 2001 XC_{124}	15.9	X	320.84078	204.75478	89.33932	4.76537	0.1064757	0.22933874	2.6433283	21	5 14.6	19.1
186238 2001 XJ_{139}	16.0	X	127.51626	7.08197	87.18655	3.12467	0.0056203	0.22164736	2.7041307	21	4 15.8	19.7
186239 2001 XP_{140}	15.7	X	332.21881	269.90508	87.91174	15.19045	0.2047078	0.23959788	2.5673243	21	9 6.7	18.3
186240 2001 XS_{143}	16.3	X	332.01350	204.27299	133.87856	2.72376	0.1889580	0.23718084	2.5847367	21	7 28.2	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186241 2001 XZ_{146}	15.5	X	318.34698	157.63968	83.13921	24.40883	0.0823346	0.21731732	2.7399322	21	3 17.7	19.7
186242 2001 XB_{156}	15.9	X	249.30140	95.83965	114.26338	3.15787	0.0098967	0.20318607	2.8655419	21	—	—
186243 2001 XZ_{157}	15.7	X	244.17158	264.80508	97.58308	12.95065	0.1926282	0.22688012	2.6623905	21	5 2.5	20.1
186244 2001 XQ_{163}	15.6	X	68.19066	318.34568	103.27628	8.69104	0.0494203	0.20822044	2.8191648	21	—	—
186245 2001 XA_{165}	16.1	X	359.93262	207.24277	222.91611	1.73052	0.1498385	0.20016103	2.8943410	21	—	—
186246 2001 XD_{170}	15.7	X	185.82073	44.08817	95.77203	4.26153	0.0292372	0.18429499	3.0581612	21	8 29.9	20.1
186247 2001 XY_{191}	15.6	X	242.36753	242.15158	116.53265	15.69927	0.2032319	0.22331767	2.6906301	21	4 27.4	20.3
186248 2001 XS_{203}	15.7	X	60.00533	344.80149	112.11678	5.85810	0.1237083	0.21315042	2.7755257	21	1 31.9	18.8
186249 2001 XV_{208}	16.2	X	143.88324	287.50168	107.54653	7.98755	0.2668406	0.21810889	2.7332989	21	3 21.6	20.8
186250 2001 XJ_{213}	15.8	X	176.44371	277.85590	131.65464	10.81489	0.2368908	0.22183886	2.7025743	21	5 2.2	20.7
186251 2001 XH_{219}	16.1	X	39.78451	12.55483	47.54001	2.70185	0.0560891	0.20676505	2.8323785	21	—	—
186252 2001 XF_{222}	16.6	X	320.22005	287.86927	53.94356	3.89244	0.2427394	0.23842088	2.5757667	21	6 29.8	19.0
186253 2001 XN_{234}	15.9	X	21.72688	120.34542	23.35512	4.20241	0.0423393	0.21312279	2.7757656	21	2 2.0	19.5
186254 2001 XK_{241}	16.3	X	329.08352	283.46730	62.32122	14.21793	0.1639053	0.23963031	2.5670927	21	8 12.4	19.1
186255 2001 XV_{249}	15.9	X	352.01872	345.86980	233.16454	4.64602	0.0140977	0.22044883	2.7139230	21	3 27.8	19.4
186256 2001 XV_{250}	15.9	X	157.23594	313.87952	97.02765	10.06333	0.1841858	0.21972725	2.7198614	21	4 16.2	20.5
186257 2001 YR_{4}	15.5	X	325.03209	153.35289	205.54798	23.20631	0.1655773	0.23818455	2.5774702	21	8 10.0	18.8
186258 2001 YE_{9}	15.7	X	168.26215	310.00671	71.22334	12.29812	0.1102360	0.21741810	2.7390855	21	3 18.7	20.1
186259 2001 YV_{12}	16.4	X	232.47003	290.40668	66.45960	2.50001	0.1432250	0.22583028	2.6706354	21	4 13.5	20.6
186260 2001 YZ_{18}	15.7	X	203.99198	296.94208	81.20484	9.66569	0.3229057	0.22321367	2.6914658	21	4 15.1	20.9
186261 2001 YD_{22}	15.6	X	356.34179	219.66159	274.25839	7.93779	0.1012438	0.20870396	2.8148089	21	—	—
186262 2001 YA_{36}	16.2	X	341.77175	158.91548	52.28490	5.50786	0.0626256	0.21686096	2.7437748	21	3 3.8	19.7
186263 2001 YL_{44}	15.0	X	0.76988	49.07568	276.97275	13.44192	0.2800457	0.24001954	2.5643166	21	9 15.9	17.2
186264 2001 YT_{65}	15.5	X	193.14520	47.39719	82.41854	9.33976	0.3056717	0.17828615	3.1264943	21	8 16.9	21.2
186265 2001 YS_{67}	15.8	X	217.26638	301.08690	86.55233	6.91856	0.2594894	0.22630952	2.6668638	21	5 4.2	20.6
186266 2001 YF_{97}	15.7	X	252.48907	269.52033	85.97194	14.62507	0.1321890	0.22825222	2.6517101	21	5 7.3	19.8
186267 2001 YB_{101}	15.8	X	189.61098	283.60031	101.94083	14.16314	0.1070967	0.22088814	2.7103234	21	4 14.7	20.2
186268 2001 YU_{114}	15.8	X	136.92626	3.46570	13.72774	8.60099	0.2852658	0.21278376	2.7787132	21	2 24.2	20.4
186269 2001 YC_{132}	15.6	X	148.17067	346.09573	83.89563	27.08240	0.1300269	0.22037400	2.7145373	21	5 4.6	20.2
186270 2001 YR_{137}	15.5	X	257.51268	91.05533	61.35506	12.64496	0.0399750	0.19267681	2.9688146	21	12 6.9	19.6
186271 2001 YU_{138}	16.5	X	283.77505	112.21544	76.45648	6.21982	0.0322981	0.20149877	2.8815166	21	—	—
186272 2001 YZ_{140}	12.8	X	337.93775	214.30080	82.30059	8.18304	0.1242569	0.08297087	5.2061774	21	6 17.7	19.0
186273 2001 YE_{154}	15.6	X	344.44802	74.40709	338.20217	8.30433	0.0414819	0.19309373	2.9645397	21	11 26.9	19.7
186274 2002 AY_{4}	15.5	X	71.07344	354.50213	89.07552	14.67056	0.1019507	0.21616324	2.7496758	21	1 30.7	19.0
186275 2002 AK_{31}	14.8	X	152.40452	78.23125	144.34911	19.62310	0.2461763	0.18224601	3.0810402	21	11 7.3	20.5
186276 2002 AW_{48}	15.9	X	3.80076	274.82332	149.43990	5.84043	0.0957634	0.19727253	2.9225254	21	—	—
186277 2002 AR_{57}	15.0	X	218.94836	55.95411	150.21564	6.26143	0.1791119	0.19145894	2.9813911	21	12 10.8	19.7
186278 2002 AY_{96}	16.0	X	227.47028	263.47355	108.71229	12.28911	0.2068721	0.22331312	2.6906666	21	4 29.1	20.7
186279 2002 AN_{103}	15.6	X	178.67071	182.49000	353.20590	3.49559	0.2279073	0.18300716	3.0724913	21	9 27.7	20.9
186280 2002 AW_{108}	15.8	X	43.10781	337.28892	105.95895	8.48563	0.0549382	0.20361843	2.8614841	21	—	—
186281 2002 AZ_{129}	17.0	X	55.34740	40.80090	56.41603	22.68518	0.0578865	0.36026096	1.9561009	21	—	—
186282 2002 AQ_{148}	14.9	X	203.98242	354.96187	149.29739	11.61753	0.2226415	0.18011030	3.1053486	21	9 12.6	20.2
186283 2002 AT_{155}	15.1	X	210.48291	48.52812	145.02261	17.23251	0.1444452	0.18659262	3.0330046	21	11 24.2	20.1
186284 2002 AT_{158}	16.0	X	208.94329	298.31465	223.98096	3.34694	0.1424484	0.18535327	3.0465096	21	10 11.8	20.9
186285 2002 AP_{165}	15.6	X	211.95945	329.93316	150.68929	8.41002	0.1177173	0.17900047	3.1181710	21	8 27.7	20.3
186286 2002 AA_{177}	15.4	X	178.82080	233.59550	311.37636	6.76621	0.1949419	0.18353253	3.0666251	21	10 6.6	20.7
186287 2002 AU_{187}	15.4	X	230.64853	0.42941	130.42147	13.22056	0.2193349	0.18232269	3.0801763	21	9 22.4	20.5
186288 2002 BS_{3}	15.3	X	247.64261	49.39931	26.02306	14.56008	0.2436296	0.18190787	3.0848572	21	7 31.8	20.5
186289 2002 BB_{19}	14.8	X	146.36239	183.59330	357.46044	11.16787	0.1579076	0.17823126	3.1271362	21	9 8.8	19.9
186290 2002 BZ_{24}	16.0	X	96.30389	333.69020	98.42343	5.18948	0.0831442	0.20924837	2.8099245	21	2 19.3	19.7
186291 2002 BT_{28}	15.8	X	85.41479	331.61475	53.81124	10.64851	0.1231761	0.20321682	2.8652528	21	—	—
186292 2002 CN_{41}	15.3	X	173.50081	352.65523	214.76256	10.35926	0.1063470	0.18433328	3.0577377	21	11 3.0	19.9
186293 2002 CL_{47}	16.1	X	231.48286	254.93656	133.48516	4.76551	0.2600101	0.22573541	2.6713836	21	5 15.5	20.8
186294 2002 CP_{62}	15.6	X	261.47933	76.90858	53.97647	9.92121	0.0989944	0.18853700	3.0121157	21	11 7.9	19.7
186295 2002 CM_{74}	15.9	X	255.97355	39.40349	53.91090	1.54358	0.1295749	0.18271106	3.0758099	21	9 10.4	20.3
186296 2002 CV_{80}	15.8	X	220.62520	134.90518	31.63828	1.98845	0.1665259	0.18656434	3.0333111	21	10 26.7	20.4
186297 2002 CV_{89}	16.2	X	227.91131	297.23646	137.83589	2.48599	0.2346653	0.17713609	3.1400123	21	7 9.2	21.4
186298 2002 CG_{93}	15.2	X	349.76247	18.21960	341.10902	9.80286	0.1341785	0.18197201	3.0841323	21	9 27.1	18.8
186299 2002 CA_{100}	15.4	X	156.92017	94.06379	117.52411	3.37003	0.0747985	0.18190667	3.0848707	21	10 23.8	20.0
186300 2002 CV_{100}	15.7	X	211.58272	58.45154	121.39110	2.50994	0.1189678	0.18552221	3.0446598	21	11 7.8	20.3
186301 2002 CG_{103}	15.0	X	168.76996	107.99300	136.16928	6.12822	0.1247782	0.18612706	3.0380602	21	12 11.4	19.9
186302 2002 CC_{117}	15.4	X	96.88117	243.81475	315.92121	4.08326	0.0443779	0.17317192	3.1877511	21	7 29.1	19.9
186303 2002 CV_{124}	15.6	X	211.01172	28.52011	160.76437	7.48806	0.1179068	0.18790168	3.0189015	21	11 19.8	20.3
186304 2002 CQ_{125}	15.3	X	162.17368	46.61757	158.04580	17.33417	0.1874979	0.18200095	3.0838053	21	10 23.3	20.7
186305 2002 CQ_{128}	15.9	X	100.68260	251.30384	148.29998	2.62462	0.0686148	0.20440937	2.8540978	21	1 12.2	19.7
186306 2002 CH_{136}	15.5	X	250.20830	190.86642	244.79559	6.67102	0.2060597	0.18177824	3.0863236	21	7 31.2	20.4
186307 2002 CQ_{161}	15.2	X	213.69527	105.20283	112.24283	10.67692	0.1747934	0.19164549	2.9794561	21	12 19.2	19.9
186308 2002 CL_{184}	16.4	X	247.19461	322.84501	144.15467	0.95324	0.1805629	0.18359877	3.0658875	21	9 10.3	21.0
186309 2002 CJ_{190}	15.9	X	173.39411	15.20551	138.59948	2.46355	0.1125924	0.17836438	3.1255800	21	8 30.3	20.8
186310 2002 CX_{190}	15.6	X	141.08236	233.15020	22.77989	3.11014	0.1344687	0.18774982	3.0205291	21	11 29.1	20.5
186311 2002 CD_{204}	15.4	X	272.62300	68.86814	344.29139	9.30479	0.0886554	0.17835047	3.1257426	21	8 17.9	19.7
186312 2002 CZ_{204}	15.4	X	140.91036	153.82599	136.22395	12.12108	0.0892311	0.19138676	2.9821407	21	—	—
186313 2002 CY_{216}	15.9	X	299.94548	4.59357	71.72852	3.28894	0.2528940	0.18657191	3.0332290	21	10 2.7	19.4
186314 2002 CP_{224}	16.1	X	188.55584	99.14604	50.49192	3.81946	0.1966377	0.17832897	3.1259938	21	9 7.7	21.3
186315 2002 CZ_{234}	15.9	X	162.96360	175.66740	15.44669	0.06436	0.1244121	0.18249742	3.0782099	21	10 4.1	20.6
186316 2002 CA_{237}	15.7	X	159.31874	46.80806	136.32314	10.72406	0.0593998	0.17929006	3.1148124	21	9 23.2	20.4
186317 2002 CF_{256}	16.3	X	294.26609	25.67777	80.11983	5.74349	0.1636096	0.19189208	2.9769030	21	11 14.6	19.7
186318 2002 CS_{256}	15.9	X	221.64668	54.34183	120.59334	11.07318	0.1317177	0.18834421	3.0141709	21	11 14.2	20.6
186319 2002 CS_{267}	15.5	X	92.91768	307.22782	336.43500	6.19942	0.1450864	0.18396888	3.0617740	21	11 15.4	20.3
186320 2002 CF_{273}	15.7	X	256.95220	98.93004	9.76685	8.15243	0.1047688	0.18530165	3.0470753	21	10 3.7	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186321 2002 CZ_{274}	15.0	X	182.70700	17.83292	148.32373	17.75492	0.1573071	0.17793336	3.1306256	21	9 24.7	20.2
186322 2002 CG_{289}	15.5	X	242.69034	77.02740	85.42658	15.22336	0.1031890	0.19107952	2.9853365	21	11 25.1	19.8
186323 2002 DH_{3}	15.6	X	169.80195	69.92197	67.74106	18.96671	0.2276797	0.17396957	3.1779997	21	8 13.2	21.4
186324 2002 DF_{4}	16.4	X	241.56875	174.60917	107.40127	24.48581	0.0417477	0.35775676	1.9652184	21	—	—
186325 2002 DC_{9}	15.5	X	131.46044	85.63844	73.10542	14.05838	0.2315033	0.17138314	3.2098937	21	8 5.7	21.0
186326 2002 DO_{12}	15.2	X	184.33318	113.18140	68.89517	6.70760	0.1053494	0.18364923	3.0653258	21	10 16.8	20.0
186327 2002 DO_{16}	14.8	X	109.20931	299.46369	342.32578	18.11443	0.1961406	0.18317881	3.0705716	21	11 30.5	20.2
186328 2002 DN_{17}	16.2	X	205.30707	81.47702	96.25391	2.03185	0.0625073	0.18500743	3.0503050	21	11 3.6	20.6
186329 2002 DO_{18}	15.3	X	157.25816	69.29516	116.99939	17.42473	0.1793421	0.17733828	3.1376251	21	9 30.2	20.8
186330 2002 EX_{15}	14.9	X	233.34282	256.25026	207.13304	10.96650	0.0213277	0.17770442	3.1333138	21	9 5.9	19.5
186331 2002 EU_{20}	14.6	X	121.79437	247.51312	12.97492	10.66040	0.1613009	0.17898911	3.1183030	21	11 15.1	19.7
186332 2002 EL_{21}	14.9	X	105.15132	226.21596	64.88267	11.62885	0.0922608	0.18288646	3.0738430	21	12 3.0	19.4
186333 2002 EN_{23}	16.1	X	80.77889	118.85515	123.57514	1.92610	0.1218122	0.17447172	3.1718990	21	9 12.4	20.7
186334 2002 EV_{31}	16.3	X	178.06472	110.37413	59.19430	2.13239	0.1129650	0.18004919	3.1060511	21	9 23.6	21.1
186335 2002 EJ_{33}	15.1	X	140.43080	255.75413	12.54494	9.36622	0.0552007	0.18783490	3.0196169	21	12 10.7	19.8
186336 2002 EC_{36}	15.5	X	257.77048	330.81049	152.36345	9.75765	0.0898951	0.18416358	3.0596157	21	10 27.9	19.9
186337 2002 ED_{37}	15.8	X	352.08988	235.21447	154.05277	10.70522	0.0941150	0.18396722	3.0617925	21	11 14.1	19.8
186338 2002 EO_{42}	15.7	X	146.83426	0.24694	154.81561	1.39866	0.1159427	0.17175327	3.2052805	21	8 5.1	20.6
186339 2002 EC_{53}	15.4	X	239.23718	344.21389	158.38185	10.70393	0.0310240	0.18429203	3.0581938	21	11 6.3	19.8
186340 2002 EO_{58}	15.3	X	73.20533	105.10552	175.71313	10.21080	0.0810175	0.17970023	3.1100709	21	10 16.8	19.7
186341 2002 EC_{75}	14.9	X	76.22966	237.71229	0.61169	26.37132	0.1648650	0.17007782	3.2262963	21	9 12.4	19.6
186342 2002 EA_{79}	14.9	X	120.77215	34.47714	208.39664	11.56451	0.1901828	0.17803979	3.1293778	21	10 29.6	20.0
186343 2002 EA_{80}	15.8	X	172.50467	37.79751	144.03597	7.39932	0.0953525	0.18050666	3.1008010	21	10 4.7	20.6
186344 2002 ER_{101}	15.3	X	195.75875	122.74304	38.98342	10.37459	0.0478895	0.18108859	3.0941544	21	10 7.5	19.8
186345 2002 EM_{110}	15.1	X	98.86935	80.37540	135.62740	8.22523	0.1467665	0.17156383	3.2076396	21	9 3.9	19.9
186346 2002 EK_{112}	15.8	X	132.74734	165.62398	161.54160	10.53394	0.1024018	0.19325553	2.9628847	21	—	—
186347 2002 EY_{141}	15.8	X	308.66829	67.41704	6.80358	4.99525	0.0216407	0.18444407	3.0565130	21	11 5.9	20.0
186348 2002 ED_{143}	15.1	X	64.43796	126.80949	163.38197	10.41756	0.0767521	0.17790590	3.1309477	21	10 17.6	19.5
186349 2002 EQ_{150}	15.4	X	230.49041	326.51977	113.15420	3.09668	0.1101453	0.17291048	3.1909636	21	7 27.9	20.1
186350 2002 EL_{161}	15.2	X	64.55937	87.90066	197.61730	9.61584	0.0630885	0.18051580	3.1006964	21	10 7.5	19.5
186351 2002 FB_{4}	15.0	X	143.65267	185.58448	49.59987	11.71286	0.1457913	0.18037081	3.1023578	21	11 7.8	20.0
186352 2002 FJ_{15}	14.9	X	115.62015	137.27765	94.99723	8.53261	0.1290622	0.17656676	3.1467585	21	10 12.1	19.9
186353 2002 FQ_{20}	15.2	X	150.58361	78.19792	147.87759	19.11727	0.1805978	0.17967027	3.1104167	21	11 8.7	20.7
186354 2002 FX_{25}	15.6	X	159.74918	97.37012	97.37387	16.62368	0.1599403	0.17840538	3.1251012	21	10 13.7	21.0
186355 2002 FM_{30}	15.1	X	38.66691	334.03239	47.57871	14.03008	0.0237618	0.18991960	2.9974792	21	12 27.7	19.4
186356 2002 GX_{2}	15.0	X	201.13463	263.31640	206.02780	24.70854	0.2461121	0.17423800	3.1747348	21	7 22.7	21.0
186357 2002 GW_{12}	15.0	X	63.46564	88.98613	197.81062	8.92666	0.0716460	0.17490207	3.1666938	21	10 8.3	19.4
186358 2002 GT_{45}	15.0	X	67.02946	131.25933	134.10885	4.05099	0.2823296	0.16911770	3.2384958	21	10 16.4	19.8
186359 2002 GU_{48}	15.3	X	89.42850	85.63790	208.04236	7.64005	0.1673980	0.17684268	3.1434845	21	11 27.5	20.2
186360 2002 GU_{54}	15.7	X	43.40758	204.98063	156.85005	1.75377	0.0359632	0.18318744	3.0704752	21	12 10.6	20.0
186361 2002 GK_{55}	14.7	X	128.59656	42.83977	224.91972	9.91098	0.2075956	0.18001273	3.1064705	21	12 4.0	19.9
186362 2002 GR_{72}	15.4	X	151.17624	349.09268	161.93172	6.09781	0.1005645	0.16941025	3.2347664	21	8 2.9	20.5
186363 2002 GE_{77}	14.7	X	67.99992	229.36512	28.37191	20.71537	0.0627149	0.17176364	3.2051515	21	9 16.5	19.4
186364 2002 GQ_{97}	14.8	X	30.82701	121.09354	203.21306	8.85374	0.0895764	0.17513132	3.1639298	21	10 14.5	18.8
186365 2002 GN_{103}	15.1	X	85.57994	171.18885	78.05524	10.68529	0.1227169	0.17112801	3.2130833	21	10 1.2	20.0
186366 2002 GA_{107}	15.0	X	98.28030	151.19955	105.49580	6.06045	0.1341323	0.17581483	3.1557243	21	10 22.6	19.9
186367 2002 GX_{107}	14.8	X	97.23908	98.73974	181.23843	26.65986	0.0678844	0.17841171	3.1250273	21	11 11.5	19.7
186368 2002 GW_{108}	14.8	X	50.78767	234.84902	61.75711	17.74323	0.0901686	0.17340437	3.1849016	21	10 15.2	19.4
186369 2002 GG_{113}	14.9	X	174.03698	31.21471	112.66888	5.75365	0.0787260	0.17214314	3.2004391	21	8 19.6	19.8
186370 2002 GX_{121}	14.9	X	81.53539	252.24886	36.09707	8.67164	0.0517290	0.17820082	3.1274923	21	10 29.9	19.4
186371 2002 GN_{125}	15.5	X	229.24725	234.89738	198.47939	7.13730	0.1042548	0.17144368	3.2091380	21	7 17.6	20.4
186372 2002 GF_{145}	15.2	X	232.20278	287.66087	208.53248	7.86535	0.1155220	0.18058550	3.0998984	21	10 6.2	19.8
186373 2002 GF_{148}	15.6	X	261.37505	242.66328	211.11297	4.82099	0.1417996	0.17963123	3.1108673	21	9 13.2	19.9
186374 2002 GR_{159}	14.8	X	80.40816	11.54895	196.15146	27.13028	0.1015012	0.16813480	3.2511049	21	7 21.5	20.0
186375 2002 GV_{162}	17.0	X	28.30288	337.97358	150.67113	3.95373	0.0708350	0.30256569	2.1974699	21	—	—
186376 2002 GT_{163}	15.0	X	47.46118	125.15712	189.42642	11.30708	0.0788007	0.17566835	3.1574783	21	10 24.9	19.3
186377 2002 GD_{164}	15.5	X	270.16210	260.79283	197.72590	10.64551	0.0589689	0.17844997	3.1245806	21	10 13.6	19.6
186378 2002 GW_{170}	14.6	X	357.39424	165.53569	205.89465	22.18251	0.1171210	0.17649860	3.1475687	21	10 27.8	18.4
186379 2002 GE_{176}	15.2	X	110.40012	105.45943	194.43063	12.20042	0.2710137	0.18124020	3.0924287	21	12 28.1	20.8
186380 2002 HN_{5}	14.5	X	120.58175	197.01545	55.60111	19.03029	0.1873015	0.17652713	3.1472295	21	11 10.4	19.7
186381 2002 HG_{15}	15.5	X	150.56131	137.07904	111.56821	2.97590	0.0509034	0.18244369	3.0788143	21	11 29.0	20.1
186382 2002 JZ_{3}	15.3	X	119.35754	86.01708	144.78382	26.22200	0.1728041	0.17395372	3.1781928	21	10 19.3	20.8
186383 2002 JX_{40}	15.0	X	126.52952	338.30127	209.06091	10.57096	0.1698581	0.17141698	3.2094713	21	8 24.8	20.3
186384 2002 JD_{82}	14.9	X	113.98894	31.40716	212.47831	9.14634	0.0577305	0.17470262	3.1691036	21	10 12.8	19.7
186385 2002 JX_{98}	14.9	X	72.88004	173.04562	135.55533	17.91624	0.0906542	0.17867722	3.1219307	21	11 23.6	19.7
186386 2002 JG_{108}	14.7	X	347.53264	231.62677	96.52264	20.17572	0.0115343	0.16933502	3.2357245	21	8 20.1	19.5
186387 2002 JP_{108}	14.8	X	87.17838	147.24961	164.40835	23.45735	0.1218623	0.17869876	3.1216799	21	12 13.5	20.0
186388 2002 JB_{116}	15.0	X	154.01831	222.27769	63.81608	21.99262	0.3890286	0.18153819	3.0890436	21	—	—
186389 2002 JL_{117}	14.9	X	162.85703	52.82140	89.62177	19.80157	0.0969842	0.16939074	3.2350148	21	8 8.2	20.1
186390 2002 JM_{117}	14.9	X	138.47082	127.73785	77.02315	22.76645	0.0781403	0.17401263	3.1774754	21	10 7.5	20.2
186391 2002 LG_{17}	17.3	X	6.16677	186.44405	117.11655	2.37929	0.1941915	0.31636275	2.1331063	21	9 4.8	18.2
186392 2002 NB_{37}	16.7	X	67.43838	324.17527	233.42806	6.01145	0.0906448	0.30736500	2.1745352	21	6 22.1	18.9
186393 2002 NR_{39}	17.2	X	184.19378	348.33120	345.44691	0.59325	0.3221559	0.28671244	2.2777446	21	1 31.6	21.2
186394 2002 NG_{51}	17.7	X	294.14341	133.60176	171.39864	0.37231	0.1951270	0.30356966	2.1926222	21	3 28.9	20.3
186395 2002 NG_{62}	17.5	X	290.74183	227.79253	95.37504	6.04182	0.2363975	0.30453745	2.1879744	21	4 16.4	20.4
186396 2002 OG_{30}	17.1	X	269.19606	257.38826	69.51827	2.35017	0.1645742	0.30039235	2.2080563	21	4 4.3	20.2
186397 2002 PG_{4}	17.0	X	155.19691	195.75090	184.39974	7.97494	0.1843378	0.29031621	2.2588559	21	2 20.7	20.3
186398 2002 PN_{29}	16.9	X	70.29090	333.26039	149.33706	5.92770	0.0062981	0.29450753	2.2373733	21	2 23.4	19.5
186399 2002 PC_{45}	16.2	X	72.64342	297.90844	99.84668	2.85251	0.2512301	0.27505703	2.3416441	21	—	—
186400 2002 PJ_{46}	16.2	X	159.05422	176.22354	191.54389	5.72042	0.2538123	0.28577841	2.2827049	21	2 16.0	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186401 2002 PR_{59}	17.0	X	227.98579	219.15135	138.06788	6.15679	0.1962066	0.29588710	2.2304134	21	4 3.1	20.6
186402 2002 PS_{61}	16.6	X	300.38056	309.88198	1.61202	7.64765	0.1690453	0.30081034	2.2060103	21	4 17.4	19.1
186403 2002 PQ_{62}	17.2	X	204.89523	224.29485	137.13948	4.42199	0.1483176	0.29527734	2.2334829	21	3 17.7	20.4
186404 2002 PU_{67}	16.8	X	42.71480	223.36487	169.40813	5.22213	0.2366770	0.27401697	2.3475656	21	—	—
186405 2002 PE_{70}	16.7	X	59.74912	168.49039	212.00192	9.04603	0.2145036	0.27461078	2.3441802	21	—	—
186406 2002 PO_{83}	17.5	X	246.79497	185.25418	140.07953	4.90457	0.2259916	0.29646436	2.2275172	21	3 7.4	21.0
186407 2002 PM_{115}	16.2	X	167.20089	170.94883	188.22245	6.62893	0.2108487	0.28742729	2.2739664	21	2 8.6	19.7
186408 2002 PD_{126}	17.2	X	106.28870	100.34814	273.18295	1.08087	0.2507764	0.28035838	2.3120312	21	—	—
186409 2002 PO_{129}	17.0	X	131.73789	252.68111	138.48733	6.88513	0.0989933	0.28837996	2.2689556	21	1 28.6	19.6
186410 2002 PG_{135}	16.4	X	191.16044	323.22110	22.06301	7.18522	0.1534678	0.28963754	2.2623831	21	2 14.3	19.9
186411 Margaretsimon	17.4	X	333.49158	131.57556	109.88577	4.14919	0.1046075	0.29991372	2.2104049	21	3 11.2	19.6
186412 2002 PE_{160}	17.5	X	353.35303	168.89244	98.69502	3.20436	0.1375827	0.30635533	2.1793104	21	5 23.1	19.1
186413 2002 QU_{48}	17.2	X	310.21159	137.40915	126.98656	3.91456	0.1596178	0.29788948	2.2204071	21	2 28.1	19.7
186414 2002 QH_{57}	17.3	X	293.23309	52.94634	242.89840	0.72236	0.1222044	0.29974490	2.2112347	21	3 25.7	20.1
186415 2002 QB_{91}	17.0	X	102.40881	334.68936	41.47726	6.77840	0.1413549	0.28020223	2.3128901	21	—	—
186416 2002 QQ_{99}	17.0	X	35.95756	356.65960	80.65690	3.77918	0.1242099	0.27929991	2.3178688	21	—	—
186417 2002 QM_{117}	16.9	X	338.94606	97.23189	176.24453	6.55352	0.1209219	0.30434258	2.1889083	21	5 6.3	18.8
186418 2002 RA	16.5	X	183.44351	44.54429	318.50200	4.53084	0.2881303	0.29095511	2.2555479	21	3 3.9	20.4
186419 2002 RR_{2}	16.9	X	190.73910	184.73437	161.42919	6.90610	0.1541400	0.28918200	2.2647584	21	2 11.3	20.3
186420 2002 RG_{6}	17.3	X	249.66200	157.68880	167.86069	5.28892	0.1873431	0.29663073	2.2266842	21	3 11.3	20.6
186421 2002 RZ_{6}	16.3	X	68.84543	190.22490	191.37982	3.05508	0.2716931	0.27300054	2.3533890	21	—	—
186422 2002 RD_{14}	17.1	X	225.94584	192.71444	152.77325	1.72392	0.1649367	0.29408728	2.2395043	21	3 16.1	20.6
186423 2002 RJ_{19}	16.9	X	142.40255	242.65030	130.20031	3.37350	0.1842286	0.28439040	2.2901263	21	1 30.9	19.9
186424 2002 RA_{24}	17.0	X	97.03592	57.35502	304.69925	1.37575	0.2337573	0.27739727	2.3284554	21	—	—
186425 2002 RX_{34}	17.6	X	213.74249	99.08495	213.53067	2.34821	0.1824024	0.28959724	2.2625930	21	1 22.6	21.2
186426 2002 RE_{51}	16.8	X	207.14078	198.65022	152.34713	7.50446	0.1690400	0.29142335	2.2531312	21	3 6.5	20.4
186427 2002 RB_{77}	16.8	X	76.48477	235.57176	189.69713	3.62876	0.0889364	0.28282491	2.2985694	21	—	—
186428 2002 RE_{86}	16.3	X	324.11884	26.18259	7.03305	5.54093	0.1657309	0.26002989	2.4310125	21	10 11.7	18.4
186429 2002 RK_{91}	16.9	X	102.30405	149.45951	191.92562	5.77757	0.1209509	0.27477090	2.3432694	21	—	—
186430 2002 RK_{92}	16.7	X	66.04793	44.64896	325.52444	1.46583	0.2185982	0.27265258	2.3553908	21	—	—
186431 2002 RG_{98}	16.5	X	54.06870	241.11258	175.61518	6.36375	0.1924306	0.27474418	2.3434213	21	—	—
186432 2002 RJ_{104}	16.6	X	106.91956	353.47217	4.53806	2.62696	0.2437434	0.27609202	2.3357883	21	—	—
186433 2002 RA_{115}	16.5	X	322.60991	183.83752	213.68528	5.27810	0.1561204	0.26208440	2.4182913	21	10 16.4	18.5
186434 2002 RS_{119}	16.3	X	144.11027	336.88142	37.80227	6.78195	0.1219271	0.28459804	2.2890122	21	1 29.4	19.3
186435 2002 RU_{124}	16.7	X	346.99996	203.57019	96.64634	8.06959	0.2093088	0.30803247	2.1713927	21	6 29.0	17.5
186436 2002 RG_{137}	16.7	X	162.96207	192.02137	187.70511	6.02192	0.1489795	0.28834971	2.2691143	21	2 25.4	19.8
186437 2002 RE_{139}	16.3	X	217.25112	291.64263	83.55266	7.07156	0.2092337	0.29558725	2.2319215	21	4 17.2	19.9
186438 2002 RN_{200}	16.7	X	116.57134	346.71201	52.89680	4.04193	0.2154369	0.28482791	2.2877805	21	2 9.8	19.3
186439 2002 RF_{217}	17.3	X	292.22771	54.12703	218.72145	1.50432	0.1462031	0.29649728	2.2273523	21	2 17.8	20.1
186440 2002 RE_{245}	17.1	X	85.99154	24.76944	7.10311	1.06400	0.2263886	0.27964237	2.3159760	21	—	—
186441 2002 RY_{263}	16.9	X	208.81539	186.29823	125.15221	5.73611	0.0633337	0.28589950	2.2820603	21	1 13.4	20.0
186442 2002 SK_{11}	17.0	X	239.40498	186.50481	160.83252	1.56663	0.2023922	0.29533037	2.2332155	21	3 29.3	20.3
186443 2002 SC_{12}	16.3	X	276.30648	100.79683	64.89100	3.70506	0.1145795	0.27194828	2.3594558	21	—	—
186444 2002 SP_{18}	16.5	X	356.01980	352.66085	168.46743	6.48529	0.0413104	0.28464890	2.2887396	21	—	—
186445 2002 SP_{22}	17.0	X	54.04934	304.29307	76.67663	2.46928	0.1979179	0.27175780	2.3605582	21	—	—
186446 2002 SM_{30}	16.0	X	32.62397	321.07478	61.56018	6.10643	0.2301933	0.26880673	2.3778035	21	—	—
186447 2002 SP_{34}	16.4	X	187.01147	322.47195	50.13341	4.83176	0.1507175	0.29098642	2.2553861	21	3 16.1	19.8
186448 2002 SK_{40}	14.4	X	121.88764	229.04234	137.20556	4.21813	0.2357057	0.12240340	4.0173566	21	2 2.2	20.5
186449 2002 SA_{43}	16.8	X	73.58763	25.79099	320.86612	1.48711	0.2221744	0.27124958	2.3635058	21	—	—
186450 2002 SO_{43}	16.6	X	10.50516	170.28582	216.41016	1.40059	0.1614875	0.26555487	2.3971757	21	—	—
186451 2002 SJ_{45}	16.1	X	32.46531	215.11070	200.01160	6.29799	0.0984471	0.27188372	2.3598293	21	—	—
186452 2002 SP_{49}	17.2	X	344.17332	281.11776	118.15515	2.87900	0.2044987	0.26329459	2.4108753	21	12 10.7	19.1
186453 2002 SU_{51}	16.5	X	61.60383	353.86818	66.99479	7.95172	0.0789761	0.27917950	2.3185352	21	—	—
186454 2002 SU_{55}	16.4	X	167.04388	219.56097	127.92990	4.50873	0.1541456	0.28426397	2.2908052	21	1 21.6	19.6
186455 2002 SS_{56}	16.1	X	84.52600	254.62487	128.85334	6.69332	0.1290345	0.27573072	2.3378283	21	—	—
186456 2002 SE_{57}	16.5	X	335.39089	344.91342	85.55998	6.83682	0.1759777	0.26449469	2.4035772	21	—	—
186457 2002 SU_{57}	16.6	X	78.53103	307.95989	113.63960	7.22211	0.0897179	0.28108496	2.3080452	21	—	—
186458 2002 SQ_{59}	16.5	X	78.29186	325.80633	71.62490	8.19164	0.0995492	0.27868133	2.3212975	21	—	—
186459 2002 SF_{60}	17.3	X	228.49083	281.63748	88.94514	5.55409	0.1512509	0.29781936	2.2207556	21	4 22.7	20.6
186460 2002 SX_{71}	15.8	X	175.94275	225.24102	106.50587	7.31618	0.2054521	0.28389289	2.2928011	21	1 15.6	19.4
186461 2002 TZ_{2}	16.5	X	83.25218	227.67955	188.23412	3.12610	0.2039437	0.27880215	2.3206268	21	1 4.5	18.4
186462 2002 TE_{5}	16.6	X	87.96125	211.73216	168.73532	5.57385	0.2447430	0.27557090	2.3387321	21	—	—
186463 2002 TD_{10}	16.6	X	72.72390	297.18308	80.79698	7.17378	0.2026273	0.27268248	2.3552186	21	—	—
186464 2002 TB_{14}	16.3	X	161.09893	289.40446	53.58006	7.11710	0.1358138	0.28188218	2.3036914	21	1 8.6	19.4
186465 2002 TG_{22}	16.8	X	356.61136	20.55426	15.89122	3.09385	0.2105533	0.26429910	2.4047629	21	—	—
186466 2002 TE_{31}	16.5	X	57.33983	198.42109	178.04005	2.43273	0.1103825	0.27038020	2.3685695	21	—	—
186467 2002 TX_{40}	16.4	X	261.73461	269.16515	63.39221	6.41846	0.1804739	0.29531736	2.2332811	21	4 4.7	19.7
186468 2002 TO_{42}	16.6	X	51.94630	344.02093	27.27247	5.98620	0.2257328	0.26922959	2.3753131	21	—	—
186469 2002 TP_{45}	16.4	X	357.53814	246.30783	161.80934	6.03968	0.1427349	0.26390495	2.4071567	21	—	—
186470 2002 TQ_{45}	16.5	X	14.86265	235.68814	207.40499	5.17707	0.1210500	0.27133452	2.3630125	21	—	—
186471 2002 TN_{49}	16.4	X	297.21460	104.14652	209.90818	6.07970	0.2617980	0.29883538	2.2157191	21	4 4.5	19.4
186472 2002 TY_{50}	16.8	X	147.30968	30.83941	32.95948	4.80629	0.2736036	0.23419534	2.6066570	21	4 23.6	21.2
186473 2002 TH_{58}	16.2	X	131.65482	346.39238	41.31695	7.95968	0.1096871	0.28479667	2.2879478	21	1 29.5	19.1
186474 2002 TN_{58}	16.4	X	196.11314	85.59011	246.25224	5.57273	0.1395776	0.28662229	2.2782222	21	1 27.9	19.8
186475 2002 TO_{65}	16.9	X	344.41661	357.46264	293.69213	8.09074	0.2954357	0.30466012	2.1873871	21	5 14.7	18.3
186476 2002 TT_{65}	17.3	X	195.01360	313.79648	16.08883	2.81530	0.2364782	0.28656238	2.2785397	21	1 31.9	21.1
186477 2002 TV_{73}	16.5	X	244.80998	156.92038	285.52000	2.61768	0.1523840	0.25228877	2.4804898	21	8 13.7	20.1
186478 2002 TX_{76}	16.5	X	206.66802	69.97965	233.08288	4.96301	0.0961695	0.28345417	2.2951663	21	1 1.9	19.8
186479 2002 TO_{78}	16.2	X	11.51365	325.82248	57.90852	7.91577	0.1162256	0.26474021	2.4020909	21	12 24.8	18.9
186480 2002 TX_{84}	16.7	X	244.01858	219.08919	143.59235	6.55569	0.2359114	0.29701848	2.2247458	21	4 22.4	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186481 2002 TY_{87}	16.9	X	297.71015	253.34597	182.65051	6.33765	0.1074944	0.26078880	2.4262940	21	11 1.2	19.5
186482 2002 TX_{107}	16.9	X	90.70734	283.91133	111.14982	7.02742	0.1517373	0.27881628	2.3205484	21	—	—
186483 2002 TX_{108}	16.6	X	257.07072	220.70020	88.44372	7.21411	0.1008092	0.29308761	2.2445937	21	3 7.7	19.7
186484 2002 TE_{109}	16.3	X	92.67683	103.16445	249.06438	5.65483	0.1326437	0.27391665	2.3481388	21	—	—
186485 2002 TQ_{124}	16.4	X	171.95124	292.24931	68.46202	3.67284	0.1844802	0.28814798	2.2701732	21	2 16.2	19.7
186486 2002 TQ_{129}	15.6	X	27.40215	104.65020	354.67905	21.82197	0.0527935	0.22601706	2.6691638	21	—	—
186487 2002 TZ_{181}	16.4	X	188.56434	319.74195	35.79891	6.17232	0.1875875	0.28650223	2.2788586	21	2 26.7	20.0
186488 2002 TH_{195}	16.7	X	77.37728	323.93608	33.07099	4.38625	0.1614415	0.27114271	2.3641268	21	—	—
186489 2002 TP_{208}	16.7	X	78.24692	269.17205	116.77823	5.56035	0.2404294	0.27289798	2.3539785	21	—	—
186490 2002 TB_{222}	16.9	X	291.77229	74.22974	234.61276	1.98992	0.1785395	0.29827662	2.2184854	21	4 2.5	19.8
186491 2002 TE_{226}	16.5	X	79.29629	271.12196	118.99791	6.20847	0.2474974	0.27329871	2.3516769	21	—	—
186492 2002 TZ_{245}	16.5	X	54.74794	258.03479	84.56377	6.13244	0.1341938	0.26649183	2.3915536	21	12 31.3	19.8
186493 2002 TL_{265}	16.8	X	72.93285	342.30238	32.78422	7.26393	0.1564300	0.27102897	2.3647882	21	—	—
186494 2002 TO_{277}	17.1	X	169.34603	12.98909	295.90017	2.09571	0.1719169	0.27935308	2.3175747	21	—	—
186495 2002 TB_{287}	15.8	X	84.44418	100.50184	262.77747	5.99552	0.1349628	0.27153359	2.3618574	21	—	—
186496 2002 TY_{299}	17.0	X	129.40342	224.37053	104.22343	6.10148	0.1847012	0.27708987	2.3301772	21	—	—
186497 2002 TC_{300}	16.8	X	334.48035	54.21240	56.79594	7.04933	0.0786143	0.27170287	2.3608763	21	—	—
186498 2002 TE_{303}	16.8	X	102.30329	245.36923	89.82893	3.68616	0.1526225	0.27254918	2.3559865	21	—	—
186499 2002 TD_{343}	16.8	X	275.26035	46.65996	76.69505	6.88369	0.1185501	0.26411377	2.4058877	21	11 29.3	19.4
186500 2002 TR_{357}	17.7	X	241.12028	338.29358	216.60106	1.89234	0.1308846	0.27386774	2.3484184	21	—	—
186501 2002 UY	16.3	X	248.30708	215.01532	109.17715	8.96447	0.1787189	0.29438696	2.2379841	21	3 12.8	19.8
186502 2002 UL_{6}	16.5	X	16.91434	298.27207	113.93170	6.84578	0.0961928	0.26895606	2.3769233	21	—	—
186503 2002 UH_{15}	16.9	X	210.79052	243.07451	107.69518	6.01591	0.1563069	0.28939755	2.2636337	21	3 11.6	20.4
186504 2002 UX_{15}	16.6	X	28.66635	340.11822	67.22074	6.64673	0.0933160	0.26965857	2.3727933	21	—	—
186505 2002 UB_{19}	16.8	X	135.79621	280.24707	88.20703	3.86423	0.2664062	0.28072507	2.3100174	21	1 29.9	19.9
186506 2002 UK_{28}	16.1	X	99.57317	199.36118	170.55721	7.29038	0.1378927	0.27455849	2.3444778	21	—	—
186507 2002 UE_{59}	17.2	X	275.64953	73.63235	100.65030	7.62625	0.0577006	0.27159146	2.3615219	21	—	—
186508 2002 UO_{59}	17.1	X	316.07070	192.40622	101.09232	7.08149	0.1963013	0.29886318	2.2155817	21	4 16.2	19.5
186509 2002 VG_{2}	16.6	X	43.42972	318.00632	51.58245	6.87533	0.1168514	0.26648397	2.3916006	21	—	—
186510 2002 VA_{8}	16.5	X	292.61513	185.82044	299.19539	4.12392	0.0773852	0.26598795	2.3945729	21	—	—
186511 2002 VE_{12}	16.3	X	108.58910	298.32126	77.89578	3.40527	0.2250137	0.27630651	2.3345794	21	—	—
186512 2002 VA_{23}	17.1	X	138.64071	343.77045	11.28197	2.30618	0.2356619	0.27920803	2.3183773	21	1 11.8	20.2
186513 2002 VZ_{23}	16.6	X	171.03938	30.48926	46.52047	6.09001	0.2126714	0.23865366	2.5740915	21	5 25.4	21.0
186514 2002 VC_{24}	16.9	X	92.24246	320.72760	42.35281	3.14952	0.2010260	0.27261511	2.3556066	21	—	—
186515 2002 VN_{26}	17.1	X	53.95381	107.06389	259.71456	1.52906	0.1986697	0.26748863	2.3856084	21	—	—
186516 2002 VH_{31}	16.4	X	25.92970	189.94946	215.88851	4.35095	0.0761991	0.26660260	2.3908911	21	—	—
186517 2002 VM_{32}	16.8	X	236.95481	244.17225	172.72169	0.74161	0.1797127	0.24582521	2.5237816	21	6 29.3	20.6
186518 2002 VZ_{34}	16.7	X	302.79604	202.85640	220.94398	1.39080	0.1529033	0.25728027	2.4483024	21	10 15.6	18.9
186519 2002 VZ_{37}	16.2	X	32.92709	320.32466	95.01171	6.93094	0.0938390	0.27116012	2.3640256	21	—	—
186520 2002 VU_{38}	16.3	X	58.13559	268.04151	109.36120	5.88669	0.1357197	0.26933157	2.3747134	21	—	—
186521 2002 VV_{43}	16.9	X	58.54788	220.09497	167.29725	2.96461	0.0994177	0.27040873	2.3684029	21	—	—
186522 2002 VG_{45}	16.2	X	114.40412	262.54589	236.58560	11.63745	0.2003285	0.23740775	2.5830895	21	6 20.3	20.2
186523 2002 VZ_{48}	16.6	X	264.08398	228.93469	208.78995	7.23337	0.1791906	0.25218208	2.4811893	21	8 25.5	19.9
186524 2002 VU_{50}	16.8	X	262.54476	100.83846	198.45595	9.61725	0.2164890	0.29156331	2.2524101	21	2 13.7	20.6
186525 2002 VG_{56}	16.2	X	280.42898	335.84580	89.70934	7.25961	0.1058157	0.25445972	2.4663613	21	9 20.8	19.2
186526 2002 VK_{56}	16.1	X	212.96674	48.76000	202.60562	12.21123	0.0787942	0.27292758	2.3538084	21	—	—
186527 2002 VL_{59}	16.4	X	198.45295	209.82200	118.83810	6.64600	0.2004354	0.28498555	2.2869368	21	1 31.4	20.0
186528 2002 VN_{65}	16.6	X	271.77390	216.77814	93.68023	3.41360	0.1938235	0.29315617	2.2442437	21	3 14.8	19.9
186529 2002 VO_{67}	16.6	X	0.73596	277.26349	101.57971	2.40245	0.2008909	0.26130132	2.4231203	21	12 12.5	18.6
186530 2002 VX_{78}	16.4	X	36.83773	233.77212	143.28797	3.76185	0.1361371	0.26532452	2.3985630	21	—	—
186531 2002 VD_{80}	16.7	X	36.96961	316.58326	73.09612	7.85664	0.1221245	0.26645775	2.3917575	21	—	—
186532 2002 VV_{84}	16.1	X	170.92160	255.27078	199.39577	3.76451	0.2342110	0.23762466	2.5815173	21	6 17.5	20.5
186533 2002 VR_{86}	16.5	X	131.64088	238.04420	266.82399	3.50224	0.2052245	0.24157033	2.5533302	21	7 15.5	20.4
186534 2002 VX_{88}	16.2	X	97.51147	21.92073	290.30186	4.62919	0.1883290	0.26717969	2.3874471	21	—	—
186535 2002 VM_{101}	16.6	X	219.16519	299.33845	100.86964	4.81197	0.1845982	0.24147966	2.5539694	21	5 22.4	20.8
186536 2002 VQ_{105}	16.4	X	19.55388	7.15357	355.59977	5.10666	0.1250169	0.26067724	2.4269862	21	12 7.9	19.3
186537 2002 VZ_{108}	16.2	X	165.32605	78.86726	342.96088	2.59019	0.1521605	0.23550759	2.5969650	21	4 28.4	20.2
186538 2002 VP_{109}	16.5	X	21.34385	342.31630	26.34881	5.28185	0.1665008	0.26179958	2.4200449	21	12 26.4	19.3
186539 2002 VR_{114}	16.8	X	53.25707	21.00270	67.16689	3.47165	0.1401525	0.27541416	2.3396194	21	—	—
186540 2002 VO_{127}	16.7	X	34.86205	155.29491	212.87616	2.35758	0.1940588	0.26519586	2.3993387	21	—	—
186541 2002 WJ_{1}	16.4	X	192.27521	279.29153	19.20418	6.11657	0.1140102	0.27794629	2.3253882	21	—	—
186542 2002 WA_{11}	16.1	X	247.04920	345.17437	137.50132	6.61030	0.0716254	0.25570033	2.4583772	21	10 26.2	19.3
186543 2002 WU_{15}	16.6	X	126.70407	189.46648	177.72102	7.19208	0.1293199	0.27694733	2.3309767	21	—	—
186544 2002 WT_{23}	12.9	X	358.92046	203.57122	66.94794	9.71686	0.0925704	0.08414822	5.1575024	21	6 18.5	19.3
186545 2002 XY_{3}	17.3	X	157.60326	260.53719	178.41091	1.69457	0.1803265	0.23666979	2.5884563	21	5 15.7	21.5
186546 2002 XL_{6}	16.7	X	27.85784	300.05501	91.89146	2.37915	0.1871010	0.26671690	2.3902080	21	—	—
186547 2002 XM_{8}	16.9	X	349.66911	327.85872	86.63724	3.12329	0.1814277	0.26248468	2.4158320	21	—	—
186548 2002 XQ_{8}	16.8	X	275.74672	243.84941	209.70983	0.81605	0.1397092	0.25570501	2.4583472	21	10 13.5	19.3
186549 2002 XM_{9}	16.5	X	346.49994	15.12538	62.86725	4.39997	0.0990218	0.26555614	2.3971681	21	—	—
186550 2002 XP_{10}	16.2	X	115.97407	5.98556	118.87830	5.46146	0.1800761	0.23502499	2.6005189	21	6 2.5	20.1
186551 2002 XQ_{11}	15.8	X	137.55658	209.13318	282.86237	11.64468	0.2044287	0.23947256	2.5682199	21	7 4.8	20.0
186552 2002 XJ_{13}	16.1	X	221.38883	289.38799	234.79700	5.65403	0.0891326	0.25767506	2.4458010	21	11 11.9	19.5
186553 2002 XA_{26}	17.2	X	96.03721	54.91332	298.41692	0.47434	0.1986261	0.27033940	2.3688077	21	—	—
186554 2002 XW_{28}	16.6	X	163.37813	22.78112	84.13136	3.84273	0.1406645	0.23959842	2.5673205	21	6 23.7	20.7
186555 2002 XD_{33}	16.9	X	87.38210	126.16316	2.40175	3.12225	0.1597413	0.23135475	2.6279500	21	4 28.2	20.1
186556 2002 XB_{54}	16.0	X	313.05045	327.84477	77.87386	10.31644	0.2350187	0.25353033	2.4723850	21	10 5.6	18.1
186557 2002 XK_{55}	16.3	X	164.78848	11.20223	107.40277	7.15125	0.2003735	0.24061365	2.5600938	21	7 11.8	20.6
186558 2002 XW_{92}	15.9	X	78.50251	99.99056	69.87206	15.32277	0.0334798	0.23739765	2.5831628	21	5 23.9	19.2
186559 2002 YD_{1}	15.1	X	6.68463	233.77876	327.99297	12.28668	0.2117046	0.22333361	2.6905020	21	3 9.6	17.6
186560 2002 YR_{6}	15.5	X	176.56073	119.46738	277.63670	4.71400	0.2652298	0.23241176	2.6199760	21	4 11.2	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186561 2002 YA_{7}	16.4	X	111.68352	49.81168	85.72050	3.63207	0.0396522	0.23253656	2.6190385	21	5 23.2	19.9
186562 2002 YZ_{10}	16.4	X	132.21411	5.50296	88.37479	5.88323	0.2445266	0.23170649	2.6252898	21	5 16.9	20.6
186563 2002 YY_{12}	16.0	X	135.44071	359.28640	119.48113	4.73252	0.1517686	0.23646182	2.5899738	21	6 11.8	20.0
186564 2002 YX_{13}	16.9	X	185.53489	314.97636	114.34892	2.55842	0.1548547	0.23683847	2.5872271	21	5 28.6	20.9
186565 2002 YQ_{16}	16.1	X	160.06999	36.80883	87.94013	4.30405	0.1495542	0.24133170	2.5550131	21	7 14.2	20.2
186566 2002 YL_{19}	16.3	X	71.94972	210.14719	274.04327	2.52628	0.2362383	0.22651394	2.6652590	21	4 11.3	19.3
186567 2002 YG_{25}	15.9	X	120.45698	78.06590	94.08853	6.07267	0.1486207	0.23885771	2.5726253	21	8 5.6	19.7
186568 2002 YP_{27}	16.3	X	165.98452	29.00681	94.59656	5.26556	0.1054916	0.23961284	2.5672175	21	7 17.6	20.0
186569 2002 YR_{27}	16.2	X	192.28710	311.10632	91.78426	4.85025	0.1834772	0.23480805	2.6021204	21	5 2.9	20.5
186570 2002 YX_{27}	15.7	X	214.03198	119.17354	276.51674	5.02187	0.1742698	0.23687379	2.5869699	21	5 10.5	19.9
186571 2003 AM_{7}	15.8	X	144.55716	27.77312	127.32673	5.68847	0.1221943	0.24034274	2.5620172	21	8 5.7	19.5
186572 2003 AW_{11}	15.9	X	135.33572	344.15087	146.42055	14.18572	0.1018374	0.23530354	2.5984662	21	6 23.2	20.0
186573 2003 AG_{22}	16.4	X	349.14355	341.70915	54.06593	6.38054	0.1087730	0.25558672	2.4591057	21	12 1.6	19.1
186574 2003 AY_{41}	15.9	X	15.47697	342.18115	145.89626	17.55126	0.1751476	0.21453647	2.7635583	21	—	—
186575 2003 AA_{46}	15.9	X	333.73845	354.74954	19.68517	3.27095	0.1943496	0.25239419	2.4797990	21	10 2.4	17.9
186576 2003 AL_{46}	16.5	X	131.27951	103.51096	20.84914	5.02546	0.1468982	0.23485175	2.6017976	21	6 13.5	20.5
186577 2003 AE_{52}	16.3	X	245.18310	340.59502	92.27701	6.63725	0.1571634	0.24476309	2.5310774	21	8 2.3	20.0
186578 2003 AN_{56}	16.4	X	101.74734	60.46800	59.11374	3.99145	0.1290384	0.22911483	2.6450502	21	5 2.4	19.9
186579 2003 AL_{57}	15.3	X	341.19762	253.69449	328.50904	11.19085	0.1917412	0.22214603	2.7000823	21	2 23.1	18.4
186580 2003 AE_{62}	15.8	X	70.63270	86.19588	91.74324	3.93532	0.2187471	0.23350523	2.6117904	21	6 22.1	19.0
186581 2003 AS_{68}	16.0	X	128.62907	76.11558	77.15849	5.11898	0.1297012	0.23821593	2.5772439	21	7 18.2	19.8
186582 2003 AK_{69}	16.1	X	124.64140	183.95930	238.54784	5.14699	0.2069018	0.22729028	2.6591865	21	3 24.5	20.1
186583 2003 AO_{69}	15.3	X	320.74409	268.86386	295.62127	6.58778	0.2536849	0.21346176	2.7728263	21	—	—
186584 2003 AS_{69}	16.6	X	65.96512	271.59936	248.45088	1.20942	0.1460363	0.22885126	2.6470806	21	5 8.1	19.5
186585 2003 AE_{75}	15.6	X	23.33276	62.43087	88.21628	14.82420	0.1240769	0.22092327	2.7100361	21	2 11.9	18.8
186586 2003 AK_{78}	15.6	X	88.95372	118.22034	41.00639	12.71020	0.1083434	0.23151180	2.6267614	21	6 2.0	19.2
186587 2003 AZ_{79}	15.7	X	296.56994	171.35802	0.34858	13.83297	0.1837638	0.20916336	2.8106859	21	—	—
186588 2003 AE_{85}	16.1	X	264.33464	328.83193	133.68746	14.99424	0.0428097	0.25391035	2.4699175	21	10 30.4	19.5
186589 2003 BJ_{2}	15.9	X	98.58526	274.57594	175.61706	8.11592	0.2779004	0.22400047	2.6851595	21	4 13.1	19.6
186590 2003 BJ_{20}	15.7	X	45.98135	159.18423	6.22390	7.05687	0.0850286	0.22463345	2.6801130	21	4 4.9	18.9
186591 2003 BZ_{23}	16.2	X	78.93756	295.64795	188.82004	11.97106	0.1337597	0.22494255	2.6776572	21	4 8.5	19.3
186592 2003 BH_{25}	16.7	X	349.91311	9.80204	151.72225	23.52968	0.0504782	0.37568870	1.9021757	21	—	—
186593 2003 BB_{26}	16.7	X	118.51270	276.62325	207.21725	12.73811	0.2368978	0.23351816	2.6116939	21	6 9.4	20.9
186594 2003 BP_{35}	15.5	X	17.46230	139.74057	79.08028	9.60652	0.0690184	0.22811912	2.6527414	21	5 5.8	18.8
186595 2003 BS_{57}	15.8	X	21.70841	48.69093	136.29486	15.24493	0.0407415	0.22482299	2.6786064	21	3 29.4	19.4
186596 2003 BX_{57}	15.7	X	12.54388	269.90739	297.12517	7.05628	0.1946783	0.22414321	2.6840194	21	3 31.4	18.3
186597 2003 BJ_{62}	15.8	X	9.50687	91.40864	102.72685	12.78178	0.1074889	0.22295336	2.6935603	21	3 22.8	19.1
186598 2003 BD_{70}	16.4	X	71.89223	127.10104	75.40620	4.33463	0.0832085	0.23394167	2.6085410	21	7 6.3	19.6
186599 2003 BO_{71}	15.9	X	30.82859	162.93234	228.86910	11.25877	0.2667309	0.26205430	2.4184764	21	—	—
186600 2003 BN_{82}	15.6	X	31.46697	266.95385	337.25900	11.81242	0.0640282	0.23532504	2.5983080	21	7 2.4	18.9
186601 2003 BN_{86}	16.3	X	207.42690	13.64506	79.58059	14.73850	0.1110063	0.24080889	2.5587098	21	7 23.0	20.3
186602 2003 BY_{89}	15.4	X	34.51290	187.61072	307.25548	13.12343	0.1028055	0.21713587	2.7414584	21	2 5.2	18.4
186603 2003 BF_{90}	15.7	X	322.43303	308.42347	264.76512	5.12284	0.2184158	0.21441175	2.7646299	21	1 13.2	19.5
186604 2003 BP_{92}	16.3	X	335.75754	116.25739	29.41821	8.05764	0.1558535	0.20963447	2.8064734	21	—	—
186605 2003 CN_{1}	15.6	X	21.83016	2.58254	87.76782	12.44936	0.2842889	0.21191066	2.7863405	21	—	—
186606 2003 CB_{15}	16.4	X	103.77443	118.72156	351.53117	5.07141	0.1047574	0.22653990	2.6650554	21	4 16.9	19.9
186607 2003 CZ_{15}	15.5	X	29.49230	187.82906	285.70407	13.04085	0.0371878	0.21523846	2.7575462	21	1 3.6	19.1
186608 2003 CK_{18}	14.8	X	246.09885	36.94620	325.18699	14.64202	0.1308936	0.17903957	3.1177170	21	4 30.7	19.9
186609 2003 DA_{22}	15.7	X	46.63543	69.12741	75.62188	8.89569	0.1448875	0.21947909	2.7219112	21	3 20.5	18.8
186610 2003 EF_{7}	15.8	X	244.96998	1.31620	310.27767	4.10413	0.0364099	0.22024551	2.7155929	21	3 7.2	19.5
186611 2003 EH_{14}	15.7	X	20.90241	140.14900	123.79005	12.48473	0.0498321	0.23370390	2.6103099	21	7 10.7	18.9
186612 2003 EJ_{21}	15.6	X	317.79694	256.65442	351.76488	8.69425	0.2220016	0.21845587	2.7304040	21	2 21.6	19.2
186613 2003 EM_{25}	15.8	X	304.56193	200.24219	16.30781	9.71214	0.1540131	0.21184492	2.7869169	21	1 7.8	19.9
186614 2003 EY_{31}	15.7	X	13.51944	73.38202	170.62879	12.12171	0.1194875	0.22821477	2.6520002	21	6 4.4	18.8
186615 2003 EF_{34}	15.2	X	304.98823	263.67213	322.53959	11.89710	0.1491932	0.21306257	2.7762886	21	1 20.8	19.1
186616 2003 EL_{39}	15.5	X	119.63588	16.83190	122.04174	16.23238	0.2222269	0.17539849	3.1607160	21	6 29.2	20.7
186617 2003 EZ_{51}	16.5	X	315.16944	93.54740	108.83362	3.61159	0.1261735	0.21185933	2.7867905	21	1 5.2	20.4
186618 2003 EC_{56}	16.1	X	247.64110	180.73365	101.68366	9.54819	0.1895027	0.20886930	2.8133233	21	1 27.5	20.7
186619 2003 FU_{33}	16.3	X	213.63946	269.17281	41.42435	4.93567	0.0599536	0.21137052	2.7910853	21	2 2.2	20.5
186620 2003 FY_{37}	17.3	X	299.93322	221.50229	187.18260	22.98943	0.0793026	0.40263414	1.8163337	21	10 27.5	18.4
186621 2003 FD_{41}	16.0	X	117.72654	296.32197	140.17281	9.43968	0.1146278	0.22133498	2.7066744	21	3 28.4	19.8
186622 2003 FQ_{45}	16.0	X	44.67582	228.11151	195.18401	5.53548	0.0507996	0.20485144	2.8499902	21	—	—
186623 2003 FG_{52}	16.0	X	52.93272	348.72064	134.03961	10.39125	0.2302654	0.21799632	2.7342398	21	3 8.2	18.6
186624 2003 FL_{96}	15.9	X	79.25939	353.18113	323.21351	1.16893	0.1765247	0.19162661	2.9796517	21	12 16.5	20.4
186625 2003 FQ_{103}	15.5	X	243.54123	45.65772	188.11781	14.89438	0.0932529	0.20387651	2.8590687	21	—	—
186626 2003 FA_{105}	15.6	X	105.27027	32.98171	48.57729	6.46205	0.0244214	0.21637309	2.7478976	21	3 6.9	19.4
186627 2003 FY_{107}	15.1	X	61.64061	76.88025	181.17200	16.32225	0.0568988	0.17878601	3.1206641	21	8 26.9	19.5
186628 2003 FO_{112}	15.3	X	193.34529	87.01521	209.84116	13.42204	0.1624110	0.20407063	2.8572553	21	—	—
186629 2003 FN_{130}	16.0	X	84.79568	263.43550	201.85380	9.23650	0.1048568	0.21764796	2.7371566	21	3 16.4	19.6
186630 2003 GB_{37}	16.2	X	354.70982	55.23195	85.28460	10.61700	0.1978695	0.21139791	2.7908441	21	—	—
186631 2003 GA_{41}	15.6	X	358.73649	291.74159	179.14244	14.86043	0.1071190	0.20409194	2.8570564	21	—	—
186632 2003 GF_{41}	15.6	X	190.62010	264.60371	93.83510	6.91830	0.0941074	0.21342323	2.7731599	21	3 9.8	19.9
186633 2003 GP_{44}	15.9	X	122.40164	12.88675	94.81969	15.50860	0.1089790	0.22455896	2.6807056	21	5 14.4	19.9
186634 2003 GA_{45}	15.2	X	359.83274	119.73469	163.45890	9.69034	0.0479196	0.17483275	3.1675308	21	7 4.5	19.6
186635 2003 GW_{54}	15.4	X	101.03449	254.28738	20.81140	10.85728	0.0659188	0.18907388	3.0064110	21	11 6.3	19.8
186636 2003 HE_{50}	14.8	X	73.76964	70.26005	210.47004	22.71828	0.0400892	0.18180495	3.0860212	21	10 8.6	19.2
186637 2003 HQ_{53}	17.6	X	306.60053	100.50055	208.01184	21.73939	0.0878591	0.38133074	1.8833665	21	5 1.7	19.1
186638 2003 JJ_{4}	17.0	X	184.27743	199.94874	217.02493	19.80916	0.0813947	0.38256505	1.8793133	21	4 29.3	18.8
186639 2003 KP_{8}	15.0	X	162.36674	200.36453	112.78209	11.65012	0.0506020	0.19746618	2.9206145	21	—	—
186640 2003 KR_{16}	15.1	X	96.89360	211.52736	77.35312	7.34959	0.2071709	0.18212968	3.0823521	21	12 2.5	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186641 2003 LL_4	15.1	X	149.41533	151.52303	113.07052	16.96191	0.2045822	0.18631641	3.0360015	21	12 18.2	20.4
186642 2003 MK_7	14.7	X	117.25308	81.78177	193.94014	15.60331	0.1534038	0.18299976	3.0725741	21	12 2.4	19.8
186643 2003 MS_7	15.5	X	117.87384	23.32203	258.21027	2.08238	0.2126005	0.18156885	3.0886959	21	12 11.3	20.8
186644 2003 ML_8	14.9	X	114.32507	169.76517	134.17513	17.20557	0.1980171	0.18242086	3.0790711	21	—	—
186645 2003 NW_8	15.7	X	145.96126	257.34621	18.87934	4.60710	0.2661675	0.18503844	3.0499643	21	12 27.3	21.2
186646 2003 QW_{64}	14.1	X	105.73316	297.60570	78.17019	10.23071	0.3116103	0.12528885	3.9554367	21	2 8.7	20.1
186647 2003 RB_{11}	15.6	X	95.24792	107.69849	194.18373	8.92880	0.3195750	0.17766774	3.1337450	21	12 22.7	21.2
186648 2003 SN_{115}	17.0	X	227.01988	298.00186	15.47889	20.67181	0.0930226	0.36299958	1.9462500	21	2 2.9	20.0
186649 2003 TK_{15}	14.4	X	95.53926	238.89050	125.71852	5.36320	0.2941733	0.12507033	3.9600425	21	1 12.5	20.0
186650 2003 UN_{74}	17.2	X	109.81295	105.17075	335.73113	6.44427	0.1000392	0.30219347	2.1992739	21	3 5.4	19.6
186651 2003 UX_{85}	17.2	X	150.23317	14.53335	339.61571	3.58225	0.1668239	0.29598311	2.2299310	21	1 11.6	20.0
186652 2003 UY_{106}	17.0	X	52.70525	56.29940	343.10716	5.95362	0.0966364	0.28642485	2.2792690	21	—	—
186653 2003 UP_{164}	16.3	X	228.12264	338.34088	81.40592	2.60304	0.1779279	0.25996710	2.4314040	21	6 24.2	20.1
186654 2003 WZ_{65}	17.8	X	31.72148	283.83630	173.66340	1.92735	0.2061511	0.28846931	2.2684871	21	—	—
186655 2003 WY_{86}	17.3	X	150.49415	352.71471	59.29983	7.25313	0.1509120	0.30151129	2.2025900	21	3 30.1	20.3
186656 2003 WA_{104}	17.0	X	190.80762	326.12294	68.59285	7.11385	0.1309455	0.30565078	2.1826581	21	4 16.5	20.1
186657 2003 WN_{138}	16.9	X	58.12689	174.69897	247.20327	5.49905	0.1161961	0.28764427	2.2728227	21	—	—
186658 2003 WD_{193}	17.1	X	2.62933	105.85343	15.17702	3.69984	0.1342486	0.28282171	2.2985867	21	—	—
186659 2003 XF_{12}	16.3	X	50.09031	273.83953	196.13517	3.83134	0.1729852	0.29221088	2.2490812	21	1 6.5	17.8
186660 2003 XH_{15}	17.5	X	39.58208	129.17051	57.99996	5.02865	0.0457930	0.30357240	2.1926090	21	4 14.8	19.7
186661 2003 XY_{38}	17.2	X	145.65589	24.19495	48.37091	6.61150	0.1266968	0.30182749	2.2010514	21	4 16.8	20.0
186662 2003 YF_9	17.4	X	0.88258	97.40851	346.46593	2.06152	0.1842156	0.27928716	2.3179393	21	—	—
186663 2003 YH_9	16.6	X	155.19517	347.09192	54.97727	5.53304	0.1401968	0.29765162	2.2215898	21	3 20.5	19.6
186664 2003 YA_{30}	16.7	X	55.37298	149.82042	278.94782	4.21672	0.1319815	0.28781025	2.2719488	21	—	—
186665 2003 YJ_{37}	17.8	X	100.08854	2.05710	82.27151	3.49163	0.1164115	0.29404076	2.2397404	21	3 2.5	20.1
186666 2003 YH_{59}	16.8	X	332.90517	279.66912	230.02709	2.81302	0.1908917	0.28348474	2.2950013	21	—	—
186667 2003 YK_{64}	17.2	X	166.77830	288.75860	108.12550	4.33190	0.1893898	0.29970303	2.2114407	21	3 29.3	20.5
186668 2003 YL_{64}	17.0	X	148.21083	334.60570	89.16307	4.37934	0.0851449	0.29904542	2.2146815	21	4 4.1	19.8
186669 2003 YY_{76}	16.8	X	200.46983	37.14818	12.40764	1.86292	0.1208457	0.30685322	2.1769524	21	5 13.5	19.9
186670 2003 YP_{77}	16.7	X	183.18119	123.17265	23.72688	2.47574	0.1480676	0.25935672	2.4352173	21	9 4.7	20.3
186671 2003 YK_{82}	17.2	X	102.08667	117.18236	339.49930	3.23087	0.0878409	0.29614254	2.2291306	21	3 15.8	19.7
186672 2003 YX_{98}	16.8	X	180.02103	283.51806	117.43518	4.59940	0.1101622	0.30201779	2.2001267	21	4 12.3	19.8
186673 2003 YE_{101}	17.3	X	104.96949	174.26944	232.56767	3.33868	0.1560483	0.29137818	2.2533641	21	1 19.1	19.5
186674 2003 YL_{112}	16.8	X	134.67497	18.29807	31.37896	4.18692	0.1134554	0.29649778	2.2273498	21	3 1.9	19.5
186675 2003 YM_{112}	17.2	X	123.56097	68.58244	25.45950	5.23001	0.1099959	0.30037946	2.2081194	21	4 15.6	19.9
186676 2003 YD_{116}	16.9	X	43.04454	350.29870	91.12888	3.62610	0.0603851	0.28439548	2.2900990	21	—	—
186677 2003 YT_{127}	16.5	X	272.29919	109.02265	62.50358	10.24314	0.1938307	0.27503978	2.3417420	21	—	—
186678 2003 YB_{129}	16.6	X	301.34753	123.80191	69.10423	8.26908	0.0549470	0.28309411	2.2971120	21	—	—
186679 2003 YQ_{129}	16.7	X	168.78946	23.10611	357.77410	6.72367	0.1162786	0.29626165	2.2285331	21	3 3.6	19.7
186680 2003 YH_{137}	17.4	X	31.98606	69.45927	20.11767	1.88220	0.1426706	0.28455502	2.2892429	21	—	—
186681 2003 YC_{140}	15.6	X	35.59583	146.17742	58.79907	6.97571	0.1337997	0.24500351	2.5294213	21	5 16.8	17.9
186682 2003 YT_{141}	16.5	X	44.26235	198.31654	41.94604	5.85412	0.1359233	0.30945091	2.1647523	21	7 30.9	18.5
186683 2003 YU_{145}	16.5	X	20.37846	61.40265	44.41594	8.78536	0.1791572	0.28307854	2.2971962	21	—	—
186684 2003 YY_{155}	17.1	X	101.08012	242.45110	188.29710	6.00624	0.2477834	0.29559566	2.2318792	21	3 3.3	19.4
186685 2003 YB_{169}	16.3	X	67.29716	177.06191	0.90106	4.61512	0.1425269	0.24558447	2.5254307	21	6 2.5	19.3
186686 2004 AZ_5	16.8	X	343.02986	77.72655	79.30313	4.95395	0.1224719	0.28327158	2.2961524	21	—	—
186687 2004 AW_9	17.4	X	202.84937	284.22687	128.81981	2.70389	0.1189473	0.30598616	2.1810629	21	5 22.3	20.4
186688 2004 BJ_2	17.3	X	110.36476	318.75779	135.96328	2.26559	0.0809188	0.29590121	2.2303425	21	3 25.9	19.8
186689 2004 BF_6	18.0	X	276.07729	219.31807	267.27855	1.96818	0.1807144	0.26989447	2.3714104	21	11 26.9	20.2
186690 2004 BB_{12}	16.4	X	74.17963	255.29898	350.77317	1.26405	0.1714066	0.25359225	2.4719825	21	9 22.3	19.8
186691 2004 BT_{15}	17.0	X	149.65701	312.98606	111.93791	4.64816	0.1021748	0.29841039	2.2178224	21	4 9.7	19.9
186692 2004 BD_{17}	16.7	X	309.58154	130.25913	25.82122	6.32625	0.1948470	0.27814617	2.3242740	21	—	—
186693 2004 BF_{22}	16.9	X	2.16496	201.04656	135.68968	0.65533	0.1893472	0.31844518	2.1237966	21	10 23.9	18.0
186694 2004 BD_{29}	16.8	X	100.36110	315.47792	99.88670	5.24466	0.1483089	0.28863973	2.2675941	21	1 24.9	19.1
186695 2004 BK_{29}	17.6	X	15.38080	76.22783	11.60005	2.69746	0.1696633	0.27989778	2.3145669	21	—	—
186696 2004 BM_{31}	16.7	X	245.65788	97.59812	347.35364	3.43417	0.1198579	0.25977188	2.4326220	21	8 24.4	19.7
186697 2004 BK_{38}	16.7	X	256.80745	82.21430	117.27004	6.48002	0.1776696	0.27322028	2.3521270	21	—	—
186698 2004 BU_{41}	16.5	X	211.51134	100.66159	98.93714	6.73632	0.1270263	0.26731265	2.3866554	21	12 13.2	19.6
186699 2004 BD_{43}	16.4	X	53.56894	193.16531	320.51725	6.98283	0.1449753	0.23653436	2.5894442	21	4 2.5	19.3
186700 2004 BM_{43}	16.8	X	227.14805	75.70437	114.87825	3.15427	0.1425936	0.26820085	2.3813832	21	12 18.2	19.9
186701 2004 BT_{45}	16.8	X	80.11005	335.53065	109.63972	6.42421	0.1184298	0.29151758	2.2526456	21	1 28.4	18.7
186702 2004 BZ_{53}	17.1	X	306.88723	141.72241	92.54925	4.16129	0.1682214	0.28797988	2.2710566	21	1 14.5	20.2
186703 2004 BO_{54}	16.5	X	315.37454	162.43334	345.99051	2.12880	0.1599767	0.27769954	2.3267655	21	—	—
186704 2004 BO_{59}	17.2	X	344.06857	274.91788	167.35609	3.80649	0.1900522	0.27511665	2.3413058	21	—	—
186705 2004 BG_{67}	17.4	X	216.17269	5.24704	121.14719	3.27978	0.1259495	0.26028107	2.4294483	21	9 14.3	20.8
186706 2004 BF_{72}	16.2	X	151.07804	68.12258	164.93275	7.17657	0.0672249	0.26497589	2.4006663	21	11 24.5	19.6
186707 2004 BR_{72}	17.3	X	305.97289	304.75385	168.07544	6.29877	0.0979573	0.27142879	2.3624653	21	—	—
186708 2004 BU_{72}	17.3	X	320.17784	302.93093	172.13154	5.15515	0.1723754	0.27434145	2.3457142	21	—	—
186709 2004 BV_{74}	17.0	X	173.81057	214.43509	196.41022	2.72138	0.1699433	0.30060536	2.2070130	21	4 20.2	20.2
186710 2004 BD_{75}	17.3	X	286.39569	52.69160	104.74684	3.04482	0.1550932	0.27457391	2.3443900	21	—	—
186711 2004 BU_{87}	16.7	X	304.79845	17.77254	105.20643	4.94874	0.1880229	0.27199211	2.3592023	21	—	—
186712 2004 BF_{88}	17.2	X	304.90816	220.97416	239.95674	3.37427	0.1786660	0.27126467	2.3634181	21	12 18.5	19.0
186713 2004 BT_{88}	16.5	X	212.89212	322.36011	263.99630	6.23487	0.1704422	0.27118924	2.3638564	21	—	—
186714 2004 BV_{88}	17.1	X	271.57512	257.19070	192.61483	4.70882	0.2023781	0.26404328	2.4063159	21	9 21.7	20.0
186715 2004 BW_{91}	17.1	X	335.12150	290.72433	231.22210	4.27576	0.1384659	0.28344075	2.2952387	21	—	—
186716 2004 BQ_{93}	17.3	X	328.90217	316.58374	164.73566	5.13339	0.1606643	0.27616026	2.3354035	21	—	—
186717 2004 BN_{96}	17.0	X	290.28528	347.25969	167.79991	2.72272	0.1022498	0.27532635	2.3401168	21	—	—
186718 2004 BG_{97}	16.5	X	71.81734	268.87130	156.84279	5.88548	0.0769307	0.28455138	2.2892624	21	—	—
186719 2004 BA_{105}	16.8	X	258.69835	18.99278	151.29653	6.56134	0.1760538	0.27178533	2.3603987	21	12 31.1	19.4
186720 2004 BN_{106}	16.8	X	12.13896	179.11452	314.83319	2.53561	0.0650910	0.28482145	2.2878151	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186721 2004 BE_{108}	16.7	X	12.41038	350.74670	90.10754	5.35328	0.1199254	0.27786793	2.3258253	21	—	—
186722 2004 BT_{108}	17.2	X	305.23428	107.54197	33.72442	5.19860	0.1686783	0.27459516	2.3442691	21	—	—
186723 2004 BA_{119}	16.3	X	70.03064	134.71247	323.49179	6.46931	0.0544725	0.28838136	2.2689483	21	1 25.2	18.8
186724 2004 BT_{120}	16.7	X	337.99941	55.88039	70.02815	10.68447	0.1419646	0.27797535	2.3252261	21	—	—
186725 2004 BV_{134}	17.7	X	339.48788	67.35605	15.57984	3.70163	0.2089190	0.27454679	2.3445444	21	—	—
186726 2004 BY_{146}	16.8	X	279.76093	125.80217	130.98788	7.76727	0.1370828	0.28748087	2.2736839	21	1 16.9	19.9
186727 2004 CR	16.5	X	248.03791	127.32529	38.61245	5.55184	0.1699019	0.26942800	2.3741468	21	12 8.5	19.3
186728 2004 CH_{2}	16.4	X	256.11696	66.50894	147.35207	9.62704	0.1616903	0.27465873	2.3439074	21	—	—
186729 2004 CE_{4}	17.5	X	308.12032	49.85193	92.38586	1.68313	0.1593124	0.27585591	2.3371209	21	—	—
186730 2004 CH_{4}	17.4	X	10.48750	340.58543	91.26544	3.97080	0.2209688	0.27797742	2.3252146	21	—	—
186731 2004 CP_{5}	16.7	X	177.04379	355.98383	46.02158	6.96574	0.1565296	0.29869194	2.2164284	21	4 12.6	20.0
186732 2004 CR_{10}	17.2	X	284.83391	70.94393	149.14086	3.12997	0.1143338	0.28182978	2.3039770	21	—	—
186733 2004 CB_{11}	17.0	X	273.26716	263.13089	308.22441	2.87503	0.1272504	0.27865731	2.3214308	21	—	—
186734 2004 CU_{16}	16.7	X	306.19830	22.34766	102.33086	3.33719	0.1161384	0.27137597	2.3627718	21	—	—
186735 2004 CK_{18}	16.5	X	229.96686	283.40007	353.49268	6.23314	0.0981501	0.28266960	2.2994112	21	—	—
186736 2004 CB_{21}	17.3	X	276.75291	69.23946	90.78668	3.03266	0.1562698	0.27324739	2.3519714	21	—	—
186737 2004 CP_{26}	16.2	X	274.07594	242.38920	141.03978	8.01305	0.2833760	0.31109208	2.1571321	21	6 11.7	19.2
186738 2004 CN_{37}	16.2	X	226.57343	318.39864	303.81435	9.20585	0.1075326	0.27694857	2.3309697	21	—	—
186739 2004 CL_{39}	17.3	X	264.48430	33.88617	93.16609	7.48140	0.1953043	0.26605246	2.3941859	21	11 7.7	20.0
186740 2004 CR_{39}	17.5	X	315.74479	260.38956	206.48032	4.73745	0.1848777	0.27295365	2.3536585	21	—	—
186741 2004 CE_{42}	16.4	X	167.03354	124.02513	84.19397	7.32188	0.0915944	0.26240169	2.4163414	21	11 9.5	19.9
186742 2004 CZ_{42}	16.5	X	214.78122	82.74747	145.56194	7.54876	0.0621256	0.27101503	2.3648692	21	—	—
186743 2004 CW_{49}	17.0	X	139.89191	357.79278	41.17953	4.87022	0.0977392	0.29160274	2.2522071	21	2 21.0	19.8
186744 2004 CY_{53}	17.8	X	327.81145	27.54581	25.18170	1.52792	0.1749457	0.26566067	2.3965392	21	11 22.3	19.4
186745 2004 CG_{56}	16.9	X	217.50330	49.58435	148.70566	1.85156	0.1215804	0.26686797	2.3893059	21	12 19.0	20.1
186746 2004 CX_{58}	17.2	X	105.18108	25.40457	53.25679	3.74564	0.1912223	0.29320830	2.2439777	21	3 15.1	19.7
186747 2004 CM_{61}	16.9	X	196.89303	294.13102	87.74927	6.10459	0.1798663	0.29928852	2.2134821	21	4 7.5	20.4
186748 2004 CV_{65}	17.1	X	27.18373	357.64668	71.18189	4.95031	0.1498745	0.28007139	2.3136104	21	—	—
186749 2004 CQ_{67}	17.3	X	279.52316	66.70686	58.76448	3.10215	0.1621420	0.26896751	2.3768558	21	12 4.2	19.4
186750 2004 CY_{67}	16.6	X	218.30648	100.08366	91.62707	4.77401	0.1431549	0.26697470	2.3886690	21	12 8.7	19.8
186751 2004 CZ_{69}	16.8	X	326.84884	26.95847	69.86028	6.84625	0.0575564	0.27005706	2.3704585	21	—	—
186752 2004 CB_{71}	16.8	X	288.35625	68.21143	4.65900	3.44803	0.0302139	0.26130500	2.4230976	21	10 19.5	19.7
186753 2004 CK_{72}	16.7	X	191.69096	141.90243	85.79505	3.89667	0.1438170	0.26774427	2.3840897	21	12 24.9	20.0
186754 2004 CP_{74}	16.9	X	352.94457	309.33864	148.82396	2.55499	0.1299839	0.27594616	2.3366113	21	—	—
186755 2004 CJ_{76}	16.5	X	214.50085	307.07565	296.52015	4.08202	0.1886135	0.27259393	2.3557286	21	—	—
186756 2004 CA_{78}	16.5	X	201.78166	259.07997	337.25293	7.01393	0.0835525	0.27106291	2.3645907	21	—	—
186757 2004 CG_{78}	17.4	X	240.28018	347.70739	155.75271	1.33023	0.1214712	0.26415318	2.4056484	21	11 5.3	20.3
186758 2004 CX_{94}	17.4	X	29.82546	272.43793	187.94602	2.70911	0.1935756	0.28247373	2.3004741	21	—	—
186759 2004 CN_{95}	16.5	X	218.47942	118.04211	159.03502	23.35333	0.1593127	0.27723564	2.3293603	21	—	—
186760 2004 CS_{98}	16.4	X	227.13642	170.40499	356.02625	4.58306	0.1167716	0.26345626	2.4098890	21	11 17.8	19.6
186761 2004 CS_{99}	16.5	X	339.50280	35.83199	75.63194	3.17808	0.1504308	0.27463256	2.3440563	21	—	—
186762 2004 CB_{108}	16.6	X	275.03812	292.03081	226.99565	4.33386	0.0811767	0.27052556	2.3677209	21	—	—
186763 2004 CC_{108}	16.7	X	185.10024	322.90095	221.96096	3.99761	0.1523072	0.25945700	2.4345897	21	10 23.5	20.2
186764 2004 CC_{120}	16.8	X	213.54909	140.17987	92.52544	3.37786	0.1904697	0.27166352	2.3611043	21	—	—
186765 2004 CS_{122}	17.0	X	107.09036	261.23318	151.87312	3.62312	0.1097891	0.28739619	2.2741305	21	1 25.4	19.5
186766 2004 DG	16.2	X	281.82330	223.49421	279.36455	7.72039	0.1226809	0.26930789	2.3748526	21	—	—
186767 2004 DY_{8}	17.2	X	325.06594	270.01855	201.69798	1.72370	0.1725409	0.27347211	2.3506828	21	—	—
186768 2004 DS_{11}	16.9	X	307.80869	107.86095	324.36685	4.02818	0.2225585	0.26614372	2.3936385	21	10 31.9	18.8
186769 2004 DT_{15}	16.0	X	186.97777	274.35849	355.95204	9.82926	0.1078488	0.27197930	2.3592763	21	—	—
186770 2004 DE_{18}	16.9	X	307.53164	357.53094	108.68181	2.44232	0.1378733	0.26908701	2.3761520	21	—	—
186771 2004 DQ_{18}	16.1	X	217.18954	106.07531	149.24755	7.29350	0.0836987	0.27299001	2.3534495	21	—	—
186772 2004 DQ_{20}	16.4	X	116.20885	295.93292	113.53727	6.36519	0.0790519	0.28600378	2.2815056	21	1 30.4	18.9
186773 2004 DJ_{21}	16.7	X	297.27494	332.22169	176.63698	6.12982	0.1245906	0.27226068	2.3576506	21	—	—
186774 2004 DC_{22}	16.9	X	285.80690	338.57530	134.45403	5.99636	0.1937472	0.26664301	2.3906495	21	11 24.4	19.1
186775 2004 DL_{24}	16.5	X	192.57569	26.51281	184.51170	4.07167	0.0886808	0.26395135	2.4068746	21	12 10.1	19.9
186776 2004 DH_{32}	16.0	X	283.73064	212.40725	304.30899	12.89224	0.0678529	0.27289294	2.3540075	21	—	—
186777 2004 DY_{32}	16.6	X	165.38517	241.27306	23.60578	4.38698	0.1198169	0.26711692	2.3878211	21	—	—
186778 2004 DW_{33}	17.1	X	250.68843	80.41192	27.08653	2.64692	0.1391386	0.25959080	2.4337531	21	9 28.1	20.2
186779 2004 DB_{35}	16.7	X	166.51125	41.92259	215.88264	6.46530	0.0950026	0.26892578	2.3771017	21	—	—
186780 2004 DQ_{40}	16.8	X	212.94878	52.98767	205.48671	5.53815	0.0847696	0.27601247	2.3362371	21	—	—
186781 2004 DE_{43}	16.8	X	285.49820	141.36876	3.75955	4.00701	0.0951763	0.27098918	2.3650196	21	—	—
186782 2004 DT_{47}	16.5	X	179.35654	351.74193	188.02311	8.19521	0.1871461	0.25704912	2.4497699	21	10 10.8	20.5
186783 2004 DT_{48}	16.6	X	267.36772	174.25987	353.64005	0.86403	0.1301725	0.27003764	2.3705722	21	—	—
186784 2004 DB_{53}	16.4	X	241.75718	26.31833	212.69263	2.73559	0.1229430	0.27533508	2.3400673	21	—	—
186785 2004 DG_{62}	17.1	X	252.63785	34.03155	138.25344	2.84795	0.1291225	0.26880733	2.3778000	21	12 31.0	19.9
186786 2004 DX_{62}	16.8	X	319.76255	290.08732	115.87425	3.72536	0.2407355	0.26463126	2.4027502	21	10 21.7	18.3
186787 2004 DS_{63}	17.5	X	234.31578	165.26842	356.50878	3.23763	0.0709681	0.26589554	2.3951277	21	11 28.8	20.6
186788 2004 EP_{1}	17.2	X	221.87472	81.11300	139.64973	1.86780	0.1380550	0.26918876	2.3755532	21	—	—
186789 2004 EF_{8}	16.5	X	243.92521	335.80466	228.51533	1.32783	0.0857393	0.26968208	2.3726554	21	—	—
186790 2004 EK_{12}	15.6	X	174.15419	229.13704	149.62946	13.02363	0.0637403	0.23240876	2.6199985	21	3 11.9	19.3
186791 2004 ER_{13}	16.4	X	169.85403	261.24637	28.10462	6.42503	0.1492816	0.27029560	2.3690637	21	—	—
186792 2004 EK_{17}	16.3	X	23.64036	0.63720	70.84969	7.85473	0.0898588	0.27231645	2.3573286	21	—	—
186793 2004 ES_{31}	16.2	X	201.62596	6.75603	230.01009	6.71138	0.0840722	0.26692598	2.3889597	21	—	—
186794 2004 EO_{33}	17.0	X	165.50827	168.74103	69.60641	1.72928	0.1784648	0.26190942	2.4193682	21	12 9.6	20.9
186795 2004 ER_{38}	16.2	X	88.56809	105.99561	175.96767	12.59825	0.0471571	0.25624712	2.4548788	21	11 13.1	19.7
186796 2004 EZ_{38}	16.4	X	213.59964	54.40308	138.98828	7.29559	0.0952584	0.26148394	2.4219920	21	12 11.3	19.8
186797 2004 ED_{39}	17.3	X	198.72439	91.37345	115.50484	2.20088	0.1312993	0.26361386	2.4089284	21	12 6.9	20.7
186798 2004 EK_{39}	16.6	X	181.30957	60.43430	173.04301	7.51676	0.0761490	0.26486203	2.4013543	21	12 26.7	20.0
186799 2004 ER_{51}	16.7	X	229.47255	56.11935	180.43470	3.10784	0.1640713	0.27211766	2.3584766	21	—	—
186800 2004 EJ_{52}	16.9	X	199.19687	196.91237	38.80107	2.75908	0.1568774	0.26752240	2.3854077	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186801 2004 EF_{54}	16.8	X	73.03886	265.08121	250.16958	1.92486	0.0728993	0.23755121	2.5820494	21	4 30.1	19.9
186802 2004 EA_{58}	16.4	X	256.66260	34.63332	111.47600	7.07262	0.0370672	0.26450080	2.4035402	21	12 14.4	19.3
186803 2004 EH_{59}	16.6	X	192.24913	190.87433	86.43178	3.15186	0.1460404	0.27162425	2.3613319	21	—	—
186804 2004 EU_{59}	16.3	X	143.89629	350.97647	255.79274	6.20180	0.1114881	0.25784045	2.4447550	21	11 30.8	20.0
186805 2004 EW_{61}	17.3	X	337.82271	273.05783	181.59640	5.70293	0.1237157	0.27090480	2.3655107	21	—	—
186806 2004 EE_{76}	16.5	X	157.97179	123.21233	138.30415	3.35015	0.1724508	0.26407573	2.4061188	21	12 31.5	20.4
186807 2004 EF_{76}	16.4	X	188.58936	350.30993	250.76251	3.71132	0.1289550	0.26868940	2.3784956	21	—	—
186808 2004 EQ_{76}	17.4	X	246.20092	6.94721	132.36452	1.69678	0.1340644	0.26266432	2.4147304	21	11 5.6	20.3
186809 2004 EJ_{82}	16.6	X	6.99554	347.63205	117.13182	6.61102	0.0809959	0.27566467	2.3382017	21	—	—
186810 2004 EB_{86}	16.9	X	196.81774	112.05792	65.87916	6.03575	0.1491401	0.25853155	2.4403962	21	10 28.5	20.5
186811 2004 EG_{94}	17.1	X	184.77182	170.59145	55.94729	2.49278	0.1465710	0.26257561	2.4152743	21	12 15.2	20.6
186812 2004 EE_{115}	17.4	X	18.15874	250.91443	168.25967	1.88027	0.1980425	0.27457535	2.3443819	21	—	—
186813 2004 FT_{7}	16.9	X	192.40073	138.70763	39.51110	1.76989	0.1249617	0.25823200	2.4422831	21	10 24.6	20.3
186814 2004 FB_{10}	16.2	X	270.13885	214.98309	45.82636	4.09274	0.0330757	0.22628176	2.6670819	21	2 3.8	20.0
186815 2004 FJ_{12}	16.2	X	210.85538	14.67903	234.79718	6.57370	0.0797726	0.27207596	2.3587175	21	—	—
186816 2004 FR_{17}	15.8	X	77.06167	222.18011	214.41404	23.04574	0.1953242	0.28249262	2.3003715	21	1 14.0	18.5
186817 2004 FM_{19}	16.5	X	173.57696	30.60053	222.94725	3.24577	0.1160199	0.26703655	2.3883002	21	—	—
186818 2004 FN_{23}	16.4	X	127.73396	118.16410	183.16645	6.07738	0.1031100	0.26590369	2.3950788	21	—	—
186819 2004 FQ_{23}	17.2	X	161.90388	71.88315	177.48709	2.69860	0.1308316	0.26263810	2.4148912	21	12 22.1	20.7
186820 2004 FA_{26}	16.6	X	159.63895	8.77805	205.83046	3.49925	0.1301030	0.25651174	2.4531902	21	11 6.4	20.3
186821 2004 FH_{26}	16.2	X	137.59171	234.73684	164.11728	6.11651	0.0402826	0.22755946	2.6570891	21	2 17.8	19.7
186822 2004 FE_{31}	17.9	X	135.30720	150.33635	200.75757	13.06214	0.4525289	0.49923857	1.5737315	21	—	—
186823 2004 FN_{32}	19.1	X	292.59701	161.13584	190.06853	21.96362	0.6768898	0.74512571	1.2049888	21	3 19.6	21.0
186824 2004 FC_{35}	16.5	X	74.28669	32.83148	241.84362	3.48366	0.0809487	0.25344712	2.4729261	21	10 16.9	19.7
186825 2004 FD_{37}	17.2	X	158.84765	219.97829	23.27833	2.68955	0.1548517	0.26095403	2.4252697	21	12 10.2	21.1
186826 2004 FH_{37}	16.9	X	39.37128	28.29359	50.57111	2.16272	0.1448786	0.27821104	2.3239127	21	—	—
186827 2004 FA_{43}	16.5	X	33.23028	327.93054	138.56517	7.64436	0.0454144	0.28061477	2.3106227	21	—	—
186828 2004 FY_{51}	16.8	X	130.15079	194.58898	67.46877	3.04297	0.1488489	0.25940772	2.4348981	21	12 6.9	20.6
186829 2004 FJ_{59}	16.5	X	5.35004	332.23078	101.87995	6.54994	0.2090114	0.27379021	2.3488617	21	—	—
186830 2004 FW_{61}	15.8	X	43.22567	177.60124	151.44986	6.68406	0.1362715	0.25647627	2.4534163	21	11 29.2	19.0
186831 2004 FS_{62}	16.6	X	157.33441	103.18762	32.56897	3.88138	0.0758745	0.24578613	2.5240491	21	7 24.1	20.3
186832 Mosser	16.9	X	123.28154	279.09019	6.96073	2.22116	0.2004404	0.26102545	2.4248273	21	12 31.2	21.0
186833 2004 FF_{85}	16.9	X	266.44902	51.53905	83.52965	6.26429	0.1228816	0.26361165	2.4089419	21	11 30.9	19.7
186834 2004 FJ_{86}	16.6	X	282.19180	116.21667	58.99755	5.79625	0.0668576	0.27324749	2.3519708	21	—	—
186835 Normanspinrad	16.7	X	160.16696	202.56501	107.05348	7.46852	0.1245572	0.27230246	2.3574094	21	—	—
186836 2004 FU_{93}	16.9	X	148.44776	90.86621	166.80303	6.66576	0.1435769	0.26011103	2.4305070	21	12 18.9	20.8
186837 2004 FY_{108}	16.5	X	353.28829	66.87897	196.91670	8.31799	0.1541011	0.23537918	2.5979095	21	5 22.7	19.1
186838 2004 FG_{109}	16.7	X	164.12262	250.91310	33.02656	1.79896	0.1562781	0.26670441	2.3902826	21	—	—
186839 2004 FY_{127}	16.2	X	97.74535	98.55546	216.38971	5.02716	0.1521481	0.26091493	2.4255120	21	—	—
186840 2004 FZ_{129}	16.1	X	128.68254	133.79697	127.73801	8.31174	0.1013605	0.25599220	2.4565082	21	12 4.9	19.8
186841 2004 FK_{133}	16.5	X	327.42819	319.91614	108.88983	7.09249	0.0862674	0.26402324	2.4064376	21	12 13.2	18.9
186842 2004 FU_{140}	17.0	X	331.63675	87.88858	3.43173	1.11600	0.1398456	0.26940058	2.3743079	21	—	—
186843 2004 GV	17.3	X	210.92738	64.66583	117.54377	3.34101	0.1331454	0.26049157	2.4281393	21	11 18.9	20.7
186844 2004 GA_{1}	17.3	X	162.95968	54.60266	261.54500	7.77367	0.6726139	0.25987837	2.4319574	21	1 18.1	22.6
186845 2004 GV_{2}	15.2	X	300.47512	186.86135	117.98056	34.72548	0.1885034	0.23123210	2.6288792	21	5 2.6	19.6
186846 2004 GP_{8}	17.6	X	324.81544	293.80501	15.46839	3.24326	0.1530684	0.23732016	2.5837251	21	6 3.0	20.5
186847 2004 GN_{21}	16.2	X	90.45829	93.87390	76.65541	14.38297	0.0786671	0.23748968	2.5824954	21	6 16.5	19.4
186848 2004 GF_{22}	17.1	X	166.56983	58.68101	158.68204	1.63355	0.1337690	0.25688644	2.4508041	21	11 16.6	20.8
186849 2004 GK_{22}	16.2	X	92.86420	311.36382	200.24319	16.99374	0.0955113	0.23631984	2.5910110	21	5 28.9	19.8
186850 2004 GT_{34}	17.1	X	43.41337	221.79774	12.80891	7.28676	0.1722576	0.23910379	2.5708599	21	7 24.1	20.0
186851 2004 GF_{38}	15.9	X	137.57267	255.08575	87.08764	6.15423	0.2014709	0.27069535	2.3667308	21	—	—
186852 2004 GH_{38}	16.3	X	198.14484	190.68635	326.48390	6.45028	0.0281489	0.25447033	2.4662927	21	10 8.6	19.7
186853 2004 GY_{40}	15.8	X	102.40640	224.38919	93.55941	15.27117	0.3190482	0.25588862	2.4571711	21	—	—
186854 2004 GE_{42}	16.7	X	118.39309	153.15431	146.69639	7.35186	0.2157110	0.25869879	2.4393444	21	—	—
186855 2004 GL_{43}	16.7	X	106.15189	114.58165	175.27712	6.32314	0.0773568	0.26020569	2.4299175	21	12 15.1	20.2
186856 2004 GE_{44}	17.5	X	127.34684	57.17195	208.52172	2.34624	0.1699231	0.25643123	2.4537036	21	12 9.1	21.5
186857 2004 GF_{45}	16.5	X	106.96103	109.63813	217.44827	5.65237	0.1369673	0.26547437	2.3976603	21	—	—
186858 2004 GA_{54}	16.5	X	31.90099	212.19872	204.46174	11.59851	0.0916073	0.26882880	2.3776734	21	—	—
186859 2004 GW_{56}	16.2	X	42.64177	332.47749	17.63238	7.43232	0.1117340	0.26019928	2.4299574	21	12 21.4	19.5
186860 2004 GV_{60}	17.0	X	61.05203	59.58841	188.66154	7.19550	0.1497325	0.24332092	2.5410687	21	9 2.3	20.3
186861 2004 GD_{86}	16.1	X	193.81896	355.44771	53.73936	8.43808	0.1335098	0.23579743	2.5948365	21	5 10.7	20.1
186862 2004 HG_{4}	16.7	X	347.91279	144.33455	60.03179	3.80137	0.0554971	0.22657135	2.6648088	21	3 1.8	20.0
186863 2004 HH_{18}	15.5	X	17.03776	238.87318	53.27786	12.51592	0.2554973	0.23781464	2.5801423	21	9 17.2	18.1
186864 2004 HN_{23}	16.6	X	78.19159	204.74631	1.92228	2.26382	0.0788535	0.24103213	2.5571297	21	7 21.0	19.8
186865 2004 HO_{24}	15.6	X	330.47350	83.37509	223.44916	16.23979	0.2482578	0.23256503	2.6188248	21	5 27.2	18.1
186866 2004 HE_{26}	16.3	X	346.90247	236.98834	57.53895	9.95618	0.1948393	0.23548776	2.5971109	21	6 20.9	18.6
186867 2004 HS_{26}	16.3	X	319.03464	109.56436	182.79920	11.63651	0.1915237	0.23222891	2.6213511	21	4 26.5	19.4
186868 2004 HW_{30}	16.4	X	306.94368	93.42735	204.11750	15.28681	0.2327492	0.22824561	2.6517613	21	4 6.6	19.7
186869 2004 HX_{31}	17.1	X	188.95485	30.75939	171.12799	5.17897	0.0858605	0.25833965	2.4416046	21	11 24.4	20.5
186870 2004 HM_{33}	16.4	X	32.79428	163.44042	115.05040	5.61681	0.2239612	0.24124507	2.5556247	21	9 17.6	19.1
186871 2004 HE_{41}	16.8	X	225.05096	331.50396	71.54054	2.09253	0.0924482	0.23966504	2.5668447	21	6 5.9	20.3
186872 2004 HE_{44}	16.7	X	107.96330	259.31095	357.69719	5.32706	0.1163161	0.25188889	2.4831143	21	11 4.9	20.4
186873 2004 HS_{47}	16.1	X	26.17812	139.12866	156.55019	11.34750	0.1223107	0.24135863	2.5548231	21	9 13.2	18.8
186874 2004 HD_{60}	15.9	X	329.95273	2.60751	240.03067	13.85322	0.1291460	0.22816853	2.6523585	21	3 7.5	19.5
186875 2004 HG_{61}	16.0	X	96.27554	88.84305	54.10897	12.29791	0.1263402	0.23355922	2.6113878	21	5 24.6	19.5
186876 2004 HR_{61}	16.1	X	18.04347	241.19697	54.89266	13.88727	0.1428869	0.24054941	2.5605495	21	9 9.9	19.1
186877 2004 HA_{64}	16.3	X	29.60468	246.24600	32.97104	25.14002	0.1839031	0.24054516	2.5605797	21	9 19.5	19.6
186878 2004 HD_{66}	16.3	X	81.32463	169.71727	10.80683	4.06350	0.0676202	0.23744528	2.5828173	21	6 16.0	19.6
186879 2004 JD_{4}	16.0	X	125.10086	304.10998	209.73959	12.70744	0.1150096	0.23953647	2.5677631	21	7 10.3	20.0
186880 2004 JJ_{9}	16.0	X	94.60696	333.52820	91.04593	7.23642	0.0107140	0.21871785	2.7282232	21	1 26.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186881 2004 JV_{14}	16.4	X	25.09173	34.69883	215.02196	7.26710	0.1406762	0.23554402	2.5966973	21	7 3.8	19.2
186882 2004 JA_{16}	16.0	X	57.62372	50.75570	211.48808	7.20329	0.1615107	0.24127195	2.5554349	21	9 17.9	19.3
186883 2004 JV_{19}	15.8	X	354.33303	243.56785	94.16617	4.98692	0.2790461	0.23939390	2.5687824	21	10 1.2	17.4
186884 2004 JD_{27}	16.3	X	38.86628	140.28304	68.66075	14.26996	0.1703410	0.23245422	2.6196570	21	6 3.1	18.9
186885 2004 JY_{27}	15.5	X	229.11525	279.68647	42.94554	9.65157	0.1890768	0.21918898	2.7243124	21	3 2.5	20.2
186886 2004 JH_{29}	16.1	X	120.60208	89.14915	119.39760	3.10784	0.0556174	0.24544932	2.5263576	21	9 14.7	19.5
186887 2004 JM_{29}	16.3	X	349.88603	81.27160	214.59443	11.21875	0.1810987	0.23615178	2.5922401	21	6 30.2	18.9
186888 2004 JL_{33}	16.6	X	2.65721	133.98534	138.57203	4.02130	0.1340930	0.23500383	2.6006750	21	6 24.4	19.3
186889 2004 JH_{36}	16.2	X	39.93654	98.27683	91.60801	13.45482	0.0865802	0.23049347	2.6344925	21	5 5.2	19.5
186890 2004 JG_{38}	16.0	X	139.91787	310.63315	192.61914	17.00916	0.1270724	0.24042550	2.5614293	21	7 13.4	20.3
186891 2004 JX_{41}	16.1	X	34.60808	73.66436	79.89288	12.13705	0.1318479	0.22479985	2.6787902	21	3 10.3	19.2
186892 2004 JT_{42}	16.5	X	144.44192	77.87895	84.21166	4.17981	0.1233691	0.24456571	2.5324391	21	8 16.2	20.3
186893 2004 JD_{46}	16.4	X	263.25211	289.73698	45.96720	5.57722	0.0793673	0.23238005	2.6202144	21	4 25.2	20.1
186894 2004 KS_{2}	17.4	X	351.72329	255.78939	48.77928	5.99708	0.1853954	0.23752769	2.5822199	21	7 22.4	19.7
186895 2004 KK_{3}	16.5	X	9.70455	217.30632	45.16792	1.33963	0.1266565	0.23466283	2.6031939	21	6 22.9	19.2
186896 2004 KX_{4}	15.9	X	342.36640	217.39735	80.64733	14.93362	0.1621841	0.23432572	2.6056900	21	6 19.6	18.4
186897 2004 KG_{8}	16.1	X	27.58562	257.41072	57.26597	6.22154	0.2205950	0.24205742	2.5499037	21	10 28.7	18.9
186898 2004 KW_{14}	16.5	X	320.09649	77.36002	204.08827	14.56611	0.1064935	0.22897178	2.6461517	21	4 25.4	19.8
186899 2004 KN_{17}	15.5	X	294.04904	340.90400	302.74250	10.23347	0.3309299	0.21813485	2.7330821	21	2 20.4	20.0
186900 2004 LR_{1}	15.9	X	345.67789	282.29105	40.16250	11.04263	0.3068774	0.23599400	2.5933955	21	8 3.5	17.6
186901 2004 LS_{6}	16.3	X	19.88533	293.19639	23.78623	2.91836	0.2226240	0.24223075	2.5486872	21	10 17.6	18.7
186902 2004 LV_{6}	16.1	X	324.96248	256.23896	63.90463	13.66869	0.2679003	0.23201282	2.6229785	21	5 31.7	18.6
186903 2004 LH_{15}	15.8	X	305.32903	207.67372	83.19687	10.88745	0.2310008	0.22346296	2.6894637	21	4 3.5	19.6
186904 2004 LQ_{15}	16.5	X	67.58434	142.37621	127.64371	5.39932	0.1811390	0.24332449	2.5410439	21	10 18.9	20.0
186905 2004 LR_{15}	15.8	X	317.80011	177.93313	115.94664	14.37759	0.1699732	0.22849714	2.6498149	21	5 5.2	19.3
186906 2004 LC_{20}	15.2	X	306.52833	264.92113	77.97080	17.47666	0.2621760	0.23162690	2.6258912	21	6 3.5	18.4
186907 2004 LO_{20}	16.0	X	65.22922	20.98347	218.88883	8.18241	0.1138633	0.23919910	2.5701770	21	8 19.4	19.5
186908 2004 LO_{21}	15.5	X	342.45797	116.92673	223.78706	11.94488	0.2772100	0.23632706	2.5909582	21	8 15.8	17.5
186909 2004 LC_{24}	16.4	X	26.47128	28.55502	193.30665	4.37192	0.1215394	0.23139445	2.6276494	21	5 25.6	19.3
186910 2004 LV_{25}	15.4	X	205.23331	261.27054	118.48751	17.48159	0.2311165	0.21730970	2.7399963	21	4 22.4	20.5
186911 2004 LS_{27}	16.0	X	46.50815	135.86628	108.05059	14.86494	0.1363797	0.23769975	2.5809736	21	8 5.3	19.0
186912 2004 ME_{2}	15.8	X	201.89053	139.73600	202.91823	12.59610	0.2128016	0.21633036	2.7482595	21	2 24.3	20.8
186913 2004 MS_{2}	16.3	X	66.02172	61.09245	215.31822	12.69810	0.1435354	0.24405252	2.5359880	21	10 16.6	19.7
186914 2004 NS_{7}	15.4	X	236.12024	189.53371	156.20537	17.07870	0.2289816	0.21493477	2.7601431	21	4 1.8	20.2
186915 2004 NP_{8}	16.2	X	198.09615	227.37151	97.27541	4.80371	0.0918080	0.20921322	2.8102393	21	2 2.8	20.5
186916 2004 NB_{19}	15.7	X	260.80922	103.72989	148.19111	9.33743	0.1042361	0.21039249	2.7997284	21	1 7.7	20.0
186917 2004 NC_{21}	15.8	X	180.89315	183.20399	165.73412	7.35440	0.1164369	0.20929684	2.8094907	21	2 14.0	20.3
186918 2004 PT_{13}	15.5	X	158.48575	190.78887	128.75150	9.33241	0.1114432	0.19978019	2.8980182	21	—	—
186919 2004 PU_{22}	16.1	X	328.49241	115.88497	141.74271	5.75686	0.1170282	0.22035562	2.7146882	21	4 6.7	19.4
186920 2004 PM_{27}	16.2	X	263.58542	248.29895	25.42737	5.80846	0.2958513	0.21340739	2.7732972	21	1 24.1	21.1
186921 2004 PM_{36}	16.1	X	270.45469	129.42839	192.81669	7.11338	0.2031287	0.21917832	2.7244007	21	4 2.2	20.3
186922 2004 PL_{45}	15.8	X	120.46249	236.03294	118.28831	6.00008	0.1143338	0.19655568	2.9296269	21	—	—
186923 2004 PS_{51}	15.7	X	220.68008	217.76701	122.43387	9.01644	0.2282994	0.21182209	2.7871171	21	3 14.3	20.6
186924 2004 PD_{60}	15.2	X	325.41292	193.83679	196.10653	5.43093	0.1545468	0.17606224	3.1527671	21	9 25.0	18.7
186925 2004 PC_{61}	15.9	X	90.63510	141.02034	169.14094	10.94099	0.2665195	0.18698841	3.0287233	21	12 26.3	21.1
186926 2004 PG_{67}	14.9	X	140.91821	319.78469	260.47921	12.33923	0.0841154	0.18197931	3.0840498	21	10 12.0	19.9
186927 2004 PJ_{72}	15.9	X	66.68196	220.42231	114.28635	2.66096	0.1747170	0.18700934	3.0284973	21	12 24.3	20.3
186928 2004 PV_{72}	15.9	X	6.90643	315.22553	87.91891	3.44421	0.2051612	0.18554842	3.0443731	21	—	—
186929 2004 PG_{77}	15.4	X	21.88110	220.95695	151.76895	15.79321	0.2346119	0.18373303	3.0643936	21	12 24.2	19.5
186930 2004 PX_{79}	16.2	X	183.64153	175.53854	145.94275	2.44548	0.1623626	0.20226866	2.8742000	21	1 19.2	20.8
186931 2004 PQ_{82}	15.2	X	328.44230	266.96948	101.96503	2.66002	0.1879222	0.17257358	3.1951152	21	8 31.6	18.7
186932 2004 PC_{85}	15.8	X	91.41547	190.84195	133.22640	2.45729	0.3383377	0.18680439	3.0307119	21	—	—
186933 2004 PO_{94}	15.6	X	249.07716	105.86756	204.57982	8.29591	0.1562719	0.21392027	2.7688627	21	2 28.8	20.1
186934 2004 PS_{103}	15.4	X	58.36783	167.58075	204.01632	15.77917	0.3283571	0.18380629	3.0635794	21	—	—
186935 2004 PV_{104}	15.2	X	80.05890	337.79392	47.51731	10.94634	0.1105384	0.19619625	2.9332038	21	—	—
186936 2004 PA_{106}	15.1	X	80.21164	291.08371	22.27942	12.69652	0.1190418	0.18248476	3.0783523	21	12 3.8	19.8
186937 2004 PF_{107}	15.0	X	54.81082	252.60543	67.18290	13.05345	0.0975261	0.18153247	3.0891086	21	11 13.6	19.2
186938 2004 QS	16.4	X	260.48892	155.78869	151.22427	14.30761	0.1811236	0.21497920	2.7597627	21	3 9.1	20.7
186939 2004 QK_{1}	15.7	X	173.63294	106.93194	181.83394	1.74599	0.0850106	0.19659592	2.9292271	21	—	—
186940 2004 QZ_{8}	14.8	X	42.74063	288.94008	20.28381	17.53314	0.1340380	0.17537349	3.1610164	21	10 17.5	18.9
186941 2004 QH_{11}	15.1	X	183.62185	236.26410	19.57584	11.63004	0.0365317	0.19302290	2.9652649	21	—	—
186942 2004 QQ_{12}	14.9	X	57.08357	277.98640	55.88776	10.72645	0.0881305	0.18416058	3.0596490	21	11 30.1	19.2
186943 2004 QT_{12}	15.8	X	262.59195	207.68862	61.06106	8.66840	0.2825418	0.21140549	2.7907775	21	1 18.5	20.7
186944 2004 QW_{27}	15.9	X	322.57743	160.53427	235.80961	3.12613	0.0565979	0.17689120	3.1429097	21	10 5.2	20.0
186945 2004 RX_{4}	15.4	X	33.92387	287.82282	76.41578	9.01949	0.2025734	0.18234054	3.0799752	21	12 24.3	19.4
186946 2004 RB_{12}	15.6	X	244.56434	338.89727	142.64988	9.78106	0.0366983	0.17831223	3.1261895	21	10 16.9	20.1
186947 2004 RE_{31}	15.8	X	41.87114	295.84697	62.23964	4.37166	0.2066267	0.18490175	3.0514672	21	12 28.2	20.0
186948 2004 RF_{45}	16.1	X	193.41752	311.54570	332.65570	2.91935	0.1997481	0.19992172	2.8966502	21	—	—
186949 2004 RW_{47}	16.0	X	47.84558	187.83012	145.67486	1.65068	0.1086438	0.18143228	3.0902457	21	11 21.8	20.3
186950 2004 RC_{51}	15.1	X	89.01261	114.76443	151.05360	11.74730	0.0605306	0.17775341	3.1327381	21	10 15.9	19.7
186951 2004 RO_{52}	15.3	X	81.75171	145.31266	167.22523	11.05032	0.0902300	0.18363375	3.0654981	21	12 5.3	20.0
186952 2004 RD_{57}	15.2	X	8.99972	127.82462	197.71507	8.28860	0.0741207	0.17390619	3.1787719	21	9 11.1	19.4
186953 2004 RP_{69}	15.1	X	339.61870	238.39315	151.59227	9.95161	0.0908651	0.17802402	3.1295626	21	10 25.9	19.1
186954 2004 RG_{74}	15.2	X	313.26084	216.15556	188.51772	9.03943	0.0768820	0.17463108	3.1699690	21	10 1.7	19.4
186955 2004 RY_{76}	15.1	X	92.04310	168.40024	163.30577	9.99167	0.1422201	0.18648193	3.0342047	21	—	—
186956 2004 RC_{77}	15.3	X	321.68267	276.07739	107.15282	5.21746	0.1807128	0.17080110	3.2171818	21	9 9.0	19.0
186957 2004 RS_{77}	15.0	X	58.89437	176.31518	153.82933	11.28508	0.0827550	0.17994877	3.1072065	21	11 29.3	19.6
186958 2004 RT_{83}	14.6	X	303.66341	304.85215	91.49622	21.99549	0.1220269	0.16997338	3.2276178	21	9 11.1	19.2
186959 2004 RN_{87}	15.8	X	89.04880	132.07309	199.44185	11.80319	0.1775565	0.18723693	3.0260426	21	—	—
186960 2004 RW_{105}	14.9	X	72.74232	68.63358	209.84000	17.36258	0.1343444	0.17616790	3.1515064	21	10 17.9	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
186961 2004 RN_{107}	16.0	X	48.22751	170.60000	171.11587	4.62404	0.1473323	0.18157758	3.0885969	21	12 7.8	20.3
186962 2004 RK_{108}	15.2	X	241.32482	260.86490	203.31371	10.03965	0.0513761	0.17438815	3.1729123	21	9 13.3	19.8
186963 2004 RV_{140}	15.1	X	29.07603	351.63011	335.67848	3.68402	0.1323770	0.17749952	3.1357247	21	10 20.3	19.2
186964 2004 RV_{141}	15.3	X	53.00071	110.51531	172.24150	6.51851	0.0534673	0.17426398	3.1744193	21	9 17.6	19.6
186965 2004 RX_{143}	14.9	X	80.08831	169.74360	145.83170	9.97991	0.0923271	0.18165554	3.0877132	21	12 7.0	19.6
186966 2004 RA_{144}	15.2	X	109.37965	161.69564	161.53644	9.00159	0.1799606	0.18785427	3.0194094	21	—	—
186967 2004 RY_{150}	15.3	X	12.08946	264.34765	68.01788	3.55464	0.1991286	0.17341491	3.1847726	21	10 9.8	18.8
186968 2004 RX_{154}	15.7	X	62.88049	70.56168	203.01811	9.77045	0.2106125	0.17761925	3.1343153	21	10 11.2	20.2
186969 2004 RN_{161}	16.0	X	83.09720	179.26563	132.60714	1.85541	0.2265214	0.18406631	3.0606935	21	12 18.6	20.9
186970 2004 RR_{176}	14.8	X	353.06264	54.00812	268.73490	8.19620	0.0268858	0.17019041	3.2248734	21	8 12.7	19.4
186971 2004 RW_{176}	14.9	X	4.84371	150.32091	199.48285	9.95691	0.2307648	0.17642167	3.1484836	21	10 22.3	18.2
186972 2004 RB_{177}	15.0	X	41.31810	95.11385	244.05482	8.40648	0.0679064	0.18099006	3.0952773	21	11 13.7	19.1
186973 2004 RY_{184}	15.3	X	129.91274	27.64551	241.72313	9.75303	0.0671461	0.18420378	3.0591706	21	12 2.0	19.7
186974 2004 RK_{188}	14.5	X	34.19107	108.96819	220.81617	10.29293	0.1455547	0.17717124	3.1395969	21	11 3.1	18.4
186975 2004 RY_{209}	14.7	X	150.19150	352.53870	233.10506	15.37013	0.0456241	0.18119964	3.0928901	21	10 30.5	19.4
186976 2004 RX_{221}	15.4	X	227.30694	21.38943	236.04456	10.18537	0.2241778	0.20113351	2.8850041	21	—	—
186977 2004 RT_{226}	14.7	X	340.70674	196.20386	183.80412	11.28571	0.1018987	0.17278777	3.1924741	21	10 11.4	18.7
186978 2004 RL_{257}	16.0	X	77.96275	230.86434	70.21559	2.29160	0.1276269	0.18228179	3.0806370	21	11 20.4	20.6
186979 2004 RT_{257}	15.1	X	337.41616	188.63049	192.56776	7.21627	0.1705050	0.17372491	3.1809828	21	10 5.1	18.4
186980 2004 RW_{292}	15.8	X	12.46443	125.99907	227.13870	0.73510	0.2123317	0.17557409	3.1586082	21	11 7.4	19.3
186981 2004 RD_{329}	15.2	X	19.90684	135.11974	217.81900	9.49989	0.1021619	0.17712689	3.1401210	21	11 6.2	19.2
186982 2004 RS_{340}	14.8	X	335.04449	237.87612	108.07720	19.59244	0.0468833	0.16860346	3.2450774	21	8 24.2	19.4
186983 2004 RW_{340}	15.1	X	58.22871	215.22309	80.91873	17.94134	0.1873681	0.17726545	3.1384845	21	11 5.6	19.7
186984 2004 SV_{16}	15.2	X	132.22547	230.45840	69.02993	10.93713	0.0923296	0.18938142	3.0031553	21	—	—
186985 2004 SN_{47}	14.9	X	214.53991	259.98973	225.50225	7.49449	0.0137554	0.17100740	3.2145939	21	9 10.9	19.6
186986 2004 SQ_{48}	15.3	X	224.42775	228.25927	107.80102	14.82265	0.3525442	0.21020312	2.8014096	21	3 11.7	20.8
186987 2004 SD_{58}	15.4	X	35.65659	167.66839	182.58815	6.19455	0.1336291	0.17795944	3.1303197	21	11 29.8	19.6
186988 2004 TM_{6}	14.9	X	112.07991	235.20346	57.18007	13.77551	0.0881328	0.18533595	3.0466994	21	12 10.8	19.6
186989 2004 TX_{6}	15.1	X	94.14388	235.22168	67.24286	10.48803	0.0862989	0.18221427	3.0813980	21	12 4.3	19.6
186990 2004 TD_{7}	14.7	X	65.87912	245.27605	70.91113	16.16103	0.1656364	0.18011559	3.1052877	21	11 29.8	19.3
186991 2004 TS_{8}	14.3	X	57.44970	225.36740	130.56899	28.48803	0.2287807	0.18011599	3.1052831	21	—	—
186992 2004 TZ_{8}	14.4	X	340.44883	171.70260	233.43985	15.67132	0.3296971	0.17387365	3.1791684	21	11 15.1	16.6
186993 2004 TB_{13}	15.3	X	287.23579	291.11529	24.52773	14.17479	0.3113730	0.21970376	2.7200552	21	3 31.9	19.5
186994 2004 TC_{14}	15.8	X	40.90525	185.58843	174.89459	7.97715	0.1643598	0.18114018	3.0935670	21	12 23.1	20.1
186995 2004 TE_{66}	15.6	X	345.65713	231.76378	131.15289	4.64907	0.1941447	0.17151270	3.2082770	21	9 27.9	18.9
186996 2004 TK_{68}	14.9	X	20.00886	301.61376	41.27415	18.29708	0.1462121	0.17521124	3.1629676	21	10 30.4	18.8
186997 2004 TX_{77}	15.5	X	215.58989	246.38262	79.74667	10.56648	0.1301453	0.20882515	2.8137198	21	2 25.2	20.1
186998 2004 TW_{87}	15.7	X	83.09602	127.17070	146.99949	1.92768	0.0727370	0.17522500	3.1628020	21	10 17.7	20.2
186999 2004 TN_{97}	14.9	X	90.21420	238.26306	31.57183	10.51707	0.2089045	0.17645880	3.1480419	21	11 3.1	19.8
187000 2004 TQ_{106}	15.3	X	187.84765	280.64320	32.93973	14.68395	0.2598325	0.20129699	2.8834418	21	1 21.4	20.6
187001 2004 TB_{107}	15.3	X	337.80201	166.99454	179.75272	5.19941	0.0681030	0.16822076	3.2499972	21	8 23.1	19.6
187002 2004 TO_{110}	17.2	X	135.98477	27.88666	49.07567	21.91268	0.1124888	0.38183842	1.8816967	21	4 9.4	19.4
187003 2004 TY_{120}	14.6	X	43.27223	356.62514	53.70899	4.25782	0.1858685	0.12623231	3.9357035	21	—	—
187004 2004 TV_{121}	15.3	X	45.61677	105.99667	206.71315	6.54992	0.1693445	0.17603610	3.1530792	21	11 1.3	19.6
187005 2004 TC_{127}	15.7	X	102.04480	180.36336	133.25068	2.79770	0.2356345	0.18671267	3.0317044	21	—	—
187006 2004 TK_{127}	15.1	X	54.81651	288.18360	52.27299	10.38565	0.2097651	0.18162208	3.0880924	21	12 21.3	19.7
187007 2004 TG_{128}	15.6	X	45.82352	282.53790	92.30144	6.64677	0.1554072	0.18360708	3.0657949	21	—	—
187008 2004 TM_{129}	14.4	X	104.34642	224.25698	45.10655	18.13371	0.2121317	0.17979542	3.1089731	21	11 15.1	19.5
187009 2004 TG_{137}	15.8	X	57.10366	307.76929	29.63365	5.60457	0.2073888	0.18027813	3.1034210	21	12 19.9	20.4
187010 2004 TB_{170}	15.3	X	21.36591	206.69762	161.26629	6.15787	0.1628976	0.17763094	3.1341778	21	12 5.6	19.3
187011 2004 TT_{224}	15.3	X	349.37128	105.34797	349.91453	2.08263	0.1866144	0.12601896	3.9401443	21	—	—
187012 2004 TW_{232}	14.9	X	12.17299	40.73444	27.21600	5.05947	0.1179923	0.12437674	3.9747512	21	—	—
187013 2004 TO_{282}	15.7	X	70.30666	223.64491	103.79539	3.03921	0.1872067	0.18173110	3.0868573	21	12 20.1	20.4
187014 2004 TA_{297}	15.2	X	80.27182	64.28760	206.64133	4.88915	0.1515250	0.17152473	3.2081270	21	10 19.4	19.9
187015 2004 UM_{2}	15.0	X	74.37897	254.34201	66.24539	10.83697	0.0749624	0.18120648	3.0928124	21	12 2.6	19.3
187016 2004 UT_{2}	14.7	X	26.16016	175.63698	156.13674	13.48210	0.0917437	0.17422707	3.1748676	21	10 21.5	19.0
187017 2004 VO_{7}	14.2	X	52.38048	308.43464	97.54358	5.03752	0.2352541	0.12629295	3.9344435	21	—	—
187018 2004 YC_{25}	13.5	X	317.22799	188.68621	124.26387	10.48538	0.0549810	0.08433303	5.1499648	21	6 15.9	20.2
187019 2004 YU_{36}	12.8	X	221.02297	271.48617	135.51058	12.16537	0.0545653	0.08188346	5.2521680	21	6 14.9	20.1
187020 2005 AZ_{63}	13.2	X	312.25084	192.66230	128.21990	9.39016	0.0637366	0.08549676	5.1031260	21	6 17.7	19.8
187021 2005 AU_{66}	12.7	X	334.35125	161.32145	128.19198	10.11470	0.1392856	0.08299587	5.2051318	21	6 4.6	19.1
187022 2005 BJ_{1}	16.4	X	188.82392	257.04505	48.69921	22.20042	0.0626846	0.35706245	1.9677652	21	—	—
187023 2005 BQ_{2}	16.7	X	15.47684	114.25160	27.02285	21.18337	0.0555262	0.36217672	1.9491968	21	—	—
187024 2005 BN_{13}	12.8	X	277.46062	228.77674	135.91828	13.73616	0.0296271	0.08346880	5.1854517	21	6 30.5	19.7
187025 2005 DB_{2}	16.9	X	305.78770	162.69417	48.68190	22.55591	0.0399409	0.36210126	1.9494676	21	—	—
187026 2005 EK_{70}	17.3	X	270.48788	347.06919	329.80314	30.00315	0.1354300	1.04862101	0.9595266	21	—	—
187027 2005 EZ_{119}	16.8	X	326.77768	335.09526	194.75163	4.96407	0.0763245	0.29763848	2.2216552	21	—	—
187028 2005 EY_{150}	16.9	X	4.06728	256.24191	163.55453	6.45478	0.0879319	0.28241053	2.3008173	21	—	—
187029 2005 EH_{161}	16.9	X	106.54066	174.23371	174.03252	4.10945	0.1089437	0.28512199	2.2862071	21	—	—
187030 2005 EZ_{265}	16.4	X	159.95380	16.60548	210.00087	6.19998	0.0716972	0.27466792	2.3438551	21	11 26.6	19.6
187031 2005 EY_{317}	16.9	X	85.33984	261.88804	188.10244	21.28425	0.0833098	0.36342327	1.9447371	21	1 15.1	19.2
187032 2005 GF_{32}	17.0	X	269.43564	83.82076	148.61039	7.22583	0.0788519	0.29216319	2.2493259	21	—	—
187033 2005 GH_{64}	17.1	X	213.10212	291.02886	18.77165	20.27882	0.0857309	0.35976292	1.9579057	21	1 4.8	20.0
187034 2005 GG_{74}	16.9	X	349.84628	307.02768	206.86855	20.53689	0.0884518	0.36081130	1.9541113	21	—	—
187035 2005 JT_{15}	17.1	X	35.35194	101.97365	60.78524	3.40942	0.0988392	0.30163447	2.2019903	21	3 1.9	18.9
187036 2005 JS_{28}	17.0	X	15.20446	228.72414	186.55671	10.10222	0.0829454	0.27645137	2.3337637	21	—	—
187037 2005 JJ_{74}	17.1	X	297.07071	235.37527	88.64181	5.93593	0.1834017	0.30744551	2.1741555	21	5 2.7	19.6
187038 2005 JF_{97}	16.8	X	172.82730	324.52020	76.17850	7.27926	0.1268275	0.30195981	2.2004084	21	4 6.5	20.0
187039 2005 JL_{105}	17.1	X	282.80828	43.82723	227.33117	3.36511	0.1353060	0.29873958	2.2161928	21	2 5.0	20.0
187040 2005 JS_{108}	19.1	X	359.63868	243.87253	110.86304	6.04057	0.3225268	0.62405811	1.3561863	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187041 2005 JS_{127}	17.2	X	38.86503	113.50307	186.40961	4.30773	0.2457052	0.31873112	2.1225263	21	11 11.3	19.6
187042 2005 KZ_{2}	17.0	X	204.06016	179.39243	130.09053	2.35251	0.2195600	0.28204590	2.3027998	21	1 13.4	20.8
187043 2005 KE_{12}	16.9	X	312.11588	214.68964	94.31060	6.95059	0.2761974	0.30072744	2.2064157	21	4 18.7	19.4
187044 2005 LF_{15}	17.8	X	250.71031	127.64479	189.93743	7.10461	0.3432351	0.29102597	2.2551818	21	2 21.8	22.0
187045 2005 LO_{21}	16.8	X	238.83467	105.52026	259.47004	3.16742	0.0755882	0.30559709	2.1829137	21	4 27.7	19.5
187046 2005 LT_{23}	16.6	X	144.24070	126.55222	215.88558	6.27527	0.1656172	0.27338589	2.3511770	21	—	—
187047 2005 LZ_{29}	16.7	X	214.35629	239.10051	123.94556	7.20756	0.2227299	0.29789140	2.2203976	21	3 29.9	20.4
187048 2005 LV_{38}	17.1	X	170.32542	215.01178	166.60166	4.92845	0.1446915	0.29446613	2.2375830	21	3 7.8	20.0
187049 2005 LK_{41}	16.2	X	250.20199	271.83483	129.23054	2.07451	0.1213862	0.24405042	2.5360025	21	6 29.5	19.7
187050 2005 LQ_{48}	17.4	X	228.50931	204.00487	128.40140	2.27816	0.2308954	0.28948130	2.2631971	21	3 1.4	21.1
187051 2005 LY_{51}	17.0	X	221.69845	223.07008	113.90426	6.58162	0.1962226	0.28956113	2.2627811	21	3 3.5	20.7
187052 2005 MY	16.8	X	121.70376	27.66057	291.96716	1.74121	0.1847450	0.26769041	2.3844095	21	—	—
187053 2005 MX_{4}	16.6	X	206.59074	195.50850	124.92781	7.41005	0.1965634	0.28448345	2.2896269	21	1 27.9	20.1
187054 2005 MP_{6}	16.9	X	164.44246	197.36777	105.91600	2.78923	0.2132677	0.27599646	2.3363274	21	—	—
187055 2005 MR_{8}	16.9	X	232.03451	108.92234	194.89716	2.22458	0.1890127	0.28765439	2.2727694	21	1 27.8	20.4
187056 2005 MG_{10}	17.3	X	195.81693	52.14051	177.44348	6.54411	0.0711209	0.27571704	2.3379056	21	—	—
187057 2005 MV_{11}	16.9	X	121.45062	10.35839	302.94092	2.78038	0.1595104	0.26949144	2.3737742	21	—	—
187058 2005 MB_{17}	16.4	X	126.47386	173.92342	253.68053	2.65446	0.0622204	0.22664026	2.6642686	21	3 15.2	20.1
187059 2005 ML_{18}	17.0	X	262.23684	190.50649	132.80463	5.54831	0.1752501	0.29457929	2.2370099	21	3 23.7	20.3
187060 2005 MX_{26}	17.0	X	247.70762	204.40786	130.99509	8.06812	0.1610832	0.29388314	2.2405412	21	3 27.2	20.4
187061 2005 MJ_{27}	16.8	X	122.97274	135.86182	122.79800	7.98667	0.0710568	0.26188609	2.4195119	21	11 25.7	20.3
187062 2005 MR_{31}	16.8	X	233.29839	95.60157	208.21555	6.70787	0.1915824	0.28693371	2.2765735	21	1 27.6	20.5
187063 2005 MT_{31}	17.0	X	144.97451	217.72980	138.07409	5.84760	0.2064944	0.27814610	2.3242744	21	1 15.4	20.3
187064 2005 MN_{37}	17.2	X	38.83547	193.04236	169.30447	1.05154	0.1857246	0.26055196	2.4277641	21	—	—
187065 2005 MU_{40}	16.9	X	198.43673	138.07635	223.55125	3.70827	0.3089508	0.28692669	2.2766106	21	3 13.2	21.1
187066 2005 MH_{41}	17.2	X	124.68887	9.70157	316.35471	1.34477	0.2347115	0.27025883	2.3692786	21	—	—
187067 2005 MX_{41}	16.4	X	182.13758	314.36671	128.59070	0.54730	0.1035736	0.23840975	2.5758469	21	6 11.1	20.3
187068 2005 MM_{42}	17.3	X	335.38496	55.57592	188.86139	5.01001	0.1581529	0.29656238	2.2270263	21	3 7.0	19.4
187069 2005 MG_{50}	17.0	X	314.39538	301.68053	327.51907	4.68472	0.1416055	0.29684138	2.2256306	21	3 13.3	19.6
187070 2005 MG_{52}	16.7	X	197.13984	207.03877	93.77185	7.60114	0.1259849	0.28055121	2.3109717	21	—	—
187071 2005 MK_{53}	17.0	X	137.12358	308.78975	36.62881	3.57230	0.1903558	0.27544947	2.3394194	21	—	—
187072 2005 NM_{9}	17.6	X	205.80108	40.43450	219.75495	1.37919	0.1752347	0.27656851	2.3331047	21	—	—
187073 2005 NS_{23}	15.2	X	4.51709	117.90039	162.44389	11.76242	0.0078412	0.18140867	3.0905139	21	7 6.9	19.6
187074 2005 NH_{28}	17.2	X	61.14220	184.38968	158.89580	5.06442	0.2062756	0.26175306	2.4203316	21	—	—
187075 2005 NA_{31}	16.7	X	15.43314	217.71216	146.10052	2.67164	0.2220698	0.25717255	2.4489861	21	12 18.8	19.4
187076 2005 NH_{42}	16.7	X	5.49191	151.91776	208.56551	2.35877	0.1188561	0.25607658	2.4559686	21	11 11.4	19.4
187077 2005 NR_{48}	17.3	X	297.47279	145.47368	159.20264	4.93945	0.1909521	0.29787773	2.2204655	21	4 4.4	20.1
187078 2005 NA_{54}	16.7	X	35.06220	182.25406	167.94116	2.79825	0.2112203	0.25825190	2.4421577	21	12 26.3	19.8
187079 2005 NR_{54}	17.3	X	298.23923	343.58858	220.89464	2.69446	0.0735428	0.28232605	2.3012762	21	—	—
187080 2005 NO_{60}	16.8	X	143.48265	111.00937	232.01272	2.17583	0.2292365	0.27333975	2.3514415	21	1 1.4	20.0
187081 2005 NX_{65}	16.6	X	284.90581	188.26163	153.64129	4.23943	0.0755727	0.23899655	2.5716289	21	6 1.3	20.0
187082 2005 NR_{68}	16.6	X	202.65446	298.18908	17.28735	5.76356	0.1876002	0.28276951	2.2988695	21	1 19.8	20.3
187083 2005 NZ_{82}	16.7	X	167.91765	191.97813	80.00108	6.77017	0.1923352	0.27253055	2.3560938	21	—	—
187084 2005 NK_{85}	16.5	X	336.94496	265.02985	134.83344	2.12784	0.1809376	0.25725760	2.4484462	21	11 21.4	18.6
187085 2005 ND_{122}	16.4	X	199.84412	57.75500	300.27053	5.09720	0.0540350	0.22406218	2.6846665	21	3 11.4	20.3
187086 2005 OP_{1}	16.7	X	181.47854	238.18666	106.17470	6.77436	0.1479199	0.28227805	2.3015371	21	2 2.2	20.1
187087 2005 OA_{14}	16.5	X	123.22483	176.98758	170.49522	6.64528	0.1274450	0.27143208	2.3624462	21	—	—
187088 2005 OF_{14}	16.6	X	12.94364	340.53654	48.99590	6.61146	0.1456296	0.25921986	2.4360743	21	—	—
187089 2005 PE_{5}	17.1	X	188.54087	282.19727	54.43295	6.12791	0.1897677	0.28258814	2.2998531	21	2 3.1	20.8
187090 2005 PK_{9}	17.1	X	340.38232	345.59388	358.84061	1.42262	0.0743090	0.24737964	2.5131982	21	9 1.0	19.9
187091 2005 PC_{20}	17.0	X	230.74232	14.99920	254.17214	2.08271	0.1857483	0.28118228	2.3075126	21	—	—
187092 2005 QJ_{2}	16.6	X	334.93449	168.06849	213.68712	3.68986	0.1796146	0.25127902	2.4871304	21	10 16.2	18.5
187093 2005 QA_{3}	16.6	X	31.74761	210.60192	161.04843	5.03540	0.1176957	0.25983814	2.4322084	21	—	—
187094 2005 QS_{3}	17.3	X	182.25941	304.21863	17.37025	0.40740	0.1482343	0.27773824	2.3265493	21	1 5.3	20.8
187095 2005 QL_{5}	16.2	X	10.62781	206.76288	155.58985	6.93956	0.1205041	0.25562335	2.4588707	21	11 24.3	19.0
187096 2005 QZ_{12}	17.1	X	50.60089	111.94370	207.71008	1.67202	0.1745048	0.25552847	2.4594794	21	11 30.3	20.4
187097 2005 QV_{15}	16.7	X	66.31234	24.46807	200.10109	2.88298	0.0545944	0.24087976	2.5582079	21	7 23.8	20.0
187098 2005 QS_{20}	16.1	X	125.93776	244.39883	129.16030	5.88427	0.1821365	0.21131306	2.7915912	21	1 25.9	20.2
187099 2005 QD_{21}	17.3	X	152.54532	173.09027	146.10919	8.38924	0.2078434	0.27264917	2.3554104	21	—	—
187100 2005 QS_{24}	16.8	X	135.58594	228.20684	85.62484	2.29712	0.1971344	0.26772924	2.3841789	21	—	—
187101 2005 QW_{25}	16.2	X	358.84315	167.56240	61.21383	3.53860	0.0686563	0.22754072	2.6572350	21	4 18.0	19.2
187102 2005 QC_{30}	16.8	X	144.37780	7.39160	314.11836	1.58779	0.2359114	0.27128230	2.3633157	21	—	—
187103 2005 QX_{32}	16.8	X	69.51180	211.11409	171.37222	2.50873	0.2088073	0.26730270	2.3867146	21	—	—
187104 2005 QU_{37}	16.3	X	215.45510	199.28975	185.43914	14.58353	0.1055214	0.22825233	2.6517092	21	5 4.6	20.5
187105 2005 QZ_{37}	16.4	X	208.56466	59.04160	205.00066	3.60038	0.1978874	0.27309689	2.3528354	21	—	—
187106 2005 QW_{42}	15.6	X	51.55659	201.95233	355.76559	21.97430	0.0518013	0.23232521	2.6206267	21	5 15.6	19.5
187107 2005 QV_{44}	16.8	X	134.72351	282.17992	45.30832	1.90313	0.2044383	0.27054200	2.3676250	21	—	—
187108 2005 QT_{48}	16.8	X	150.04906	230.54812	86.04655	3.06305	0.1919214	0.27131825	2.3631070	21	—	—
187109 2005 QP_{49}	16.5	X	161.21374	280.72999	60.98191	3.99181	0.2487087	0.27611404	2.3356641	21	1 20.1	20.1
187110 2005 QC_{55}	16.7	X	88.30920	264.06011	82.18456	2.30606	0.2057518	0.26479909	2.4017348	21	—	—
187111 2005 QG_{56}	16.6	X	190.53971	183.23672	140.98185	3.03858	0.1779683	0.27827700	2.3235455	21	1 18.2	20.1
187112 2005 QN_{60}	17.0	X	149.37260	67.59486	226.20988	3.46923	0.2037939	0.26902353	2.3765258	21	—	—
187113 2005 QN_{62}	16.5	X	107.69868	108.81961	74.21258	2.41982	0.0675249	0.24030909	2.5622564	21	7 26.2	19.8
187114 2005 QK_{69}	16.6	X	186.83538	207.28613	93.83245	7.84426	0.1167882	0.27578630	2.3375142	21	—	—
187115 2005 QU_{69}	16.6	X	195.70257	359.58122	249.01228	1.87711	0.1312918	0.26931217	2.3748275	21	—	—
187116 2005 QC_{71}	17.0	X	172.01931	274.19122	9.30539	2.18707	0.1890849	0.27077299	2.3662783	21	—	—
187117 2005 QG_{73}	16.0	X	125.34965	66.30961	287.98305	4.69053	0.0759176	0.20807701	2.8204602	21	—	—
187118 2005 QE_{78}	16.1	X	245.44217	302.54151	322.73029	3.57188	0.0287070	0.21428196	2.7657461	21	1 12.7	20.0
187119 2005 QD_{79}	17.1	X	150.79406	346.86271	340.39457	3.45203	0.2480386	0.27280261	2.3545272	21	—	—
187120 2005 QO_{82}	16.8	X	71.46859	195.05982	144.34522	4.84021	0.2234317	0.26138376	2.4226108	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187121 2005 QQ_{82}	15.3	X	330.22573	202.18851	182.64395	15.30971	0.2292576	0.18226404	3.0808370	21	9 23.2	18.1
187122 2005 QP_{83}	17.4	X	220.28611	105.43903	214.63747	4.84261	0.2405528	0.28358759	2.2944463	21	2 6.3	21.3
187123 Schorderet	16.6	X	262.97738	325.95840	3.76142	2.38909	0.1074043	0.22802260	2.6534900	21	4 13.1	20.5
187124 2005 QX_{84}	16.8	X	152.22019	114.85970	182.46133	4.76536	0.1836219	0.26857054	2.3791974	21	—	—
187125 Marxgyörgy	15.8	X	234.40771	259.59765	142.41907	15.61063	0.0827170	0.23146388	2.6271239	21	6 18.3	19.8
187126 2005 QN_{91}	16.6	X	86.41875	314.83514	20.35619	2.67090	0.1972724	0.26365356	2.4086865	21	—	—
187127 2005 QG_{96}	16.5	X	10.74273	264.69795	108.87634	2.30954	0.1447048	0.25546293	2.4599001	21	12 11.9	19.3
187128 2005 QW_{99}	16.5	X	219.27318	134.10838	201.82256	4.72256	0.1404805	0.22362817	2.6881389	21	3 4.6	20.9
187129 2005 QY_{104}	16.3	X	307.20332	288.70230	273.97155	1.41681	0.0319600	0.21527394	2.7572432	21	1 8.3	19.9
187130 2005 QV_{110}	16.1	X	327.05092	222.42515	173.27803	5.24186	0.1803126	0.18590600	3.0404681	21	10 7.3	19.3
187131 2005 QF_{114}	16.2	X	121.76423	51.85935	143.31127	3.09059	0.0837452	0.24184654	2.5513857	21	8 30.6	19.8
187132 2005 QM_{115}	16.2	X	184.11498	320.90507	9.29288	4.34315	0.0746563	0.21394309	2.7686659	21	1 24.9	20.4
187133 2005 QQ_{115}	15.7	X	92.69316	262.61126	165.55107	3.87016	0.0584061	0.21329934	2.7742337	21	2 2.8	19.4
187134 2005 QG_{127}	17.4	X	162.92786	105.22221	131.60489	0.54475	0.1737183	0.26221124	2.4175113	21	12 5.8	21.2
187135 2005 QX_{133}	16.3	X	13.59598	71.00347	168.53885	14.78840	0.0387256	0.23252947	2.6190918	21	5 28.2	19.9
187136 2005 QQ_{134}	16.5	X	313.27944	163.40412	6.46948	3.57354	0.0347484	0.20884342	2.8135557	21	—	—
187137 2005 QU_{137}	16.5	X	203.75899	210.13687	148.68239	5.33686	0.1088864	0.22285441	2.6943576	21	3 20.6	20.6
187138 2005 QW_{137}	16.1	X	15.86413	10.12293	49.59428	2.69522	0.0587160	0.19984396	2.8974016	21	—	—
187139 2005 QX_{140}	16.9	X	140.75357	311.07949	14.95284	4.81572	0.2568080	0.27128784	2.3632836	21	—	—
187140 2005 QV_{145}	16.5	X	66.02986	248.51430	86.92281	7.52355	0.1203523	0.25837872	2.4413585	21	12 31.6	20.0
187141 2005 QG_{146}	16.5	X	116.27481	200.86288	123.87872	6.11545	0.2183547	0.26666331	2.3905282	21	—	—
187142 2005 QN_{148}	16.7	X	201.95027	204.21490	93.50555	7.72791	0.1251083	0.27790624	2.3256116	21	—	—
187143 2005 QV_{161}	17.0	X	272.62910	328.37206	29.78112	6.51495	0.1222348	0.23657245	2.5891662	21	5 29.0	20.5
187144 2005 QM_{162}	16.6	X	142.82357	211.67447	57.00248	4.95651	0.2166933	0.26563551	2.3966905	21	12 26.6	20.6
187145 2005 QG_{165}	16.0	X	132.96035	244.60321	112.91933	5.04640	0.1136541	0.20927023	2.8097289	21	1 5.8	20.1
187146 2005 QB_{166}	16.5	X	246.94865	275.97233	108.62236	6.06369	0.1231757	0.23185320	2.6241822	21	6 4.5	20.4
187147 2005 QK_{169}	16.2	X	178.20955	222.16620	94.57768	7.24626	0.1581844	0.27575472	2.3376927	21	—	—
187148 2005 QZ_{171}	15.8	X	213.12122	350.80521	299.18593	5.00190	0.0296156	0.21199177	2.7856297	21	1 5.8	19.9
187149 2005 QF_{175}	16.7	X	231.47775	324.23693	286.43994	2.33874	0.2166740	0.27620213	2.3351675	21	—	—
187150 2005 QP_{175}	16.2	X	142.13407	241.04842	145.32492	6.03009	0.0693557	0.21599107	2.7511368	21	2 13.9	20.2
187151 2005 QN_{178}	16.0	X	201.69062	281.36368	76.29519	7.38773	0.0364793	0.22300243	2.6931651	21	3 19.5	19.9
187152 2005 QT_{178}	16.8	X	224.27665	57.03464	274.07206	2.82862	0.0821318	0.22307992	2.6925414	21	3 5.2	20.9
187153 2005 QS_{182}	15.9	X	85.86861	221.76634	323.96000	4.22101	0.1724440	0.23551073	2.5969420	21	7 16.9	19.3
187154 2005 QV_{182}	16.6	X	98.11673	100.42315	46.71350	3.98353	0.0429389	0.23058731	2.6337777	21	5 20.6	20.0
187155 2005 RH_{3}	16.7	X	75.84109	93.04049	204.82423	1.78605	0.2000490	0.25870660	2.4392953	21	12 3.9	20.2
187156 2005 RX_{5}	17.1	X	202.32499	103.00203	182.23491	6.42196	0.1188103	0.27546759	2.3393168	21	—	—
187157 2005 RT_{9}	16.7	X	240.31224	132.13994	194.67955	11.24529	0.1911546	0.22544845	2.6736500	21	3 9.7	21.1
187158 2005 RE_{10}	16.1	X	93.51932	42.95001	20.64941	9.21690	0.0651751	0.21326729	2.7745117	21	2 3.4	19.9
187159 2005 RG_{10}	16.8	X	191.12961	118.34941	166.86384	5.89302	0.1273450	0.27436543	2.3455775	21	—	—
187160 2005 RG_{22}	17.1	X	175.43041	264.20629	59.16815	1.68291	0.2175792	0.27572599	2.3378550	21	1 7.1	20.6
187161 2005 RS_{22}	16.4	X	166.10618	281.43962	37.46060	6.91865	0.1283073	0.27486390	2.3427408	21	—	—
187162 2005 RE_{29}	16.7	X	143.02622	306.25718	43.70915	4.96228	0.2750867	0.27364708	2.3496806	21	1 16.5	20.1
187163 2005 RY_{33}	16.2	X	204.46853	87.76593	231.03874	22.00880	0.2157191	0.27865923	2.3214202	21	1 18.4	20.5
187164 2005 RF_{42}	16.7	X	263.35701	118.18591	194.46979	3.04229	0.0966426	0.22643965	2.6658420	21	3 24.2	20.6
187165 2005 RB_{44}	17.2	X	79.50080	53.36029	182.46477	2.29209	0.1208863	0.24293372	2.5437681	21	9 6.7	20.5
187166 2005 RD_{46}	16.0	X	251.41354	156.38057	144.26098	9.91136	0.0741563	0.21894181	2.7263624	21	2 28.3	19.9
187167 2005 SJ_{5}	16.0	X	285.59282	99.17441	190.00543	27.93059	0.0406174	0.22450008	2.6811743	21	3 28.7	19.5
187168 2005 SR_{8}	15.7	X	121.69163	177.20672	20.25434	4.45046	0.0378830	0.17595352	3.1540657	21	8 26.2	20.2
187169 2005 SB_{13}	16.5	X	101.93957	125.56482	235.33370	1.06063	0.0767347	0.20380670	2.8597216	21	—	—
187170 2005 SH_{13}	17.0	X	153.83962	12.98067	305.69458	0.53604	0.2023996	0.27080885	2.3660694	21	—	—
187171 2005 SN_{13}	16.0	X	159.58341	158.74375	196.03838	4.95158	0.0642190	0.21253991	2.7808382	21	1 24.8	20.1
187172 2005 SM_{18}	16.2	X	333.65715	226.96083	226.91969	1.22077	0.0345587	0.19702684	2.9249546	21	—	—
187173 2005 SR_{26}	16.2	X	157.06488	350.21349	36.80176	4.04684	0.2037880	0.21729047	2.7401580	21	3 16.3	20.7
187174 2005 SF_{30}	16.7	X	277.65815	177.58947	156.47360	2.48198	0.2105421	0.23106515	2.6301453	21	4 23.7	20.6
187175 2005 SN_{35}	16.5	X	325.53640	202.52027	80.50903	3.51025	0.0580461	0.22896873	2.6461752	21	5 12.6	19.8
187176 2005 SP_{36}	17.3	X	155.12117	160.51381	155.03288	1.38852	0.1992422	0.27079344	2.3661592	21	—	—
187177 2005 SZ_{37}	16.1	X	257.12606	38.78480	48.08088	1.49631	0.1440804	0.17901308	3.1180246	21	9 1.4	20.7
187178 2005 SH_{39}	16.5	X	191.60689	190.99186	180.07117	2.60007	0.0915057	0.22079941	2.7110494	21	3 22.1	20.6
187179 2005 SV_{44}	15.9	X	262.34471	240.88599	213.37815	8.95085	0.1406041	0.18022820	3.1039941	21	9 14.1	20.3
187180 2005 SY_{49}	15.3	X	311.80621	191.39045	200.17433	10.28725	0.1030749	0.17993723	3.1073395	21	9 8.1	19.3
187181 2005 SD_{51}	15.8	X	289.81951	28.59862	2.66008	4.78211	0.1882292	0.17612577	3.1520090	21	7 28.1	20.0
187182 2005 SJ_{51}	16.9	X	14.51863	271.37513	37.03856	1.26340	0.1647704	0.24257102	2.5463032	21	9 16.1	19.2
187183 2005 SH_{60}	15.9	X	127.46419	330.75453	23.13680	11.25170	0.1454023	0.20635270	2.8361506	21	—	—
187184 2005 SO_{60}	16.8	X	220.27234	154.88451	177.67648	3.48298	0.1300928	0.22140338	2.7061169	21	3 2.8	21.1
187185 2005 ST_{61}	16.7	X	202.39315	178.15040	183.64826	2.63662	0.0972151	0.22052849	2.7132694	21	3 21.8	20.8
187186 2005 SK_{62}	16.5	X	98.11335	221.80401	187.51157	5.53794	0.0510751	0.20970979	2.8058013	21	1 16.5	20.2
187187 2005 SY_{65}	15.9	X	209.45831	191.09777	162.60846	8.96306	0.1600605	0.22102747	2.7091843	21	3 19.4	20.2
187188 2005 SR_{66}	15.4	X	236.20741	255.02172	199.68848	9.02910	0.0809958	0.17807797	3.1289305	21	8 22.6	20.2
187189 2005 SB_{67}	16.5	X	104.85896	252.76225	188.45276	3.95932	0.0228950	0.21762353	2.7373614	21	3 1.3	20.2
187190 2005 SS_{68}	15.8	X	169.00340	159.97735	214.58649	4.68970	0.0859482	0.21692233	2.7432572	21	3 1.1	19.9
187191 2005 SU_{68}	16.7	X	189.02630	103.26629	205.86331	1.57880	0.2232798	0.27548282	2.3392306	21	1 1.7	20.5
187192 2005 SE_{70}	15.8	X	185.08187	294.28011	63.37837	6.47300	0.0903484	0.21647724	2.7470162	21	3 2.7	20.0
187193 2005 SF_{72}	15.4	X	269.34462	36.01600	19.01250	11.27831	0.0680953	0.17800237	3.1298164	21	8 22.3	19.9
187194 2005 SW_{74}	16.3	X	47.03782	151.06000	188.29094	6.68457	0.0552583	0.19152021	2.9807552	21	11 22.9	20.4
187195 2005 SQ_{76}	16.6	X	276.75461	45.40433	172.07035	3.31703	0.0816346	0.21025588	2.8009409	21	—	—
187196 2005 SG_{78}	17.0	X	276.35365	258.07861	39.27475	2.45867	0.0492369	0.22430724	2.6827108	21	3 27.4	20.5
187197 2005 SF_{79}	16.4	X	1.77857	116.37699	35.30825	4.00141	0.0381695	0.21222386	2.7835983	21	1 15.7	20.1
187198 2005 SA_{80}	16.4	X	239.73862	142.63214	149.37234	2.27488	0.0859922	0.21770592	2.7366708	21	2 3.5	20.6
187199 2005 SM_{81}	16.9	X	29.63966	77.37191	35.67334	2.20098	0.0255712	0.21080019	2.7961173	21	1 4.6	20.7
187200 2005 SX_{81}	16.8	X	102.78383	316.31341	132.91981	0.76454	0.0487765	0.21891739	2.7265651	21	3 13.6	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187201 2005 SG_{83}	16.5	X	349.84028	40.64372	206.43802	2.57848	0.0336323	0.22744034	2.6580168	21	5 1.1	19.8
187202 2005 SW_{84}	15.8	X	77.78534	225.81358	34.31215	1.05415	0.1406263	0.18428311	3.0582926	21	10 3.8	20.0
187203 2005 SB_{85}	16.0	X	288.51537	231.99428	205.49516	1.00917	0.1659368	0.18289134	3.0737883	21	9 26.8	19.8
187204 2005 SL_{89}	16.1	X	316.39460	228.79482	12.10628	4.60127	0.1115989	0.21930537	2.7233484	21	2 26.3	19.6
187205 2005 ST_{92}	16.4	X	313.35791	69.77160	228.15167	2.21863	0.0870391	0.22960556	2.6412800	21	5 10.1	19.6
187206 2005 SG_{95}	16.4	X	137.04676	12.81083	26.18132	4.44043	0.0661730	0.21572295	2.7534159	21	2 25.1	20.2
187207 2005 SR_{95}	16.2	X	185.54089	337.00457	23.50110	5.89826	0.0504400	0.21814957	2.7329592	21	3 3.6	20.1
187208 2005 SD_{96}	16.9	X	286.20458	274.80157	54.11449	2.31347	0.1729581	0.23208187	2.6224582	21	5 1.2	20.5
187209 2005 SH_{104}	16.4	X	153.71596	351.89518	22.33864	5.06011	0.0572895	0.21328110	2.7743919	21	2 13.4	20.4
187210 2005 SO_{105}	16.2	X	318.29350	190.29291	140.84263	4.46043	0.2238507	0.23690442	2.5867469	21	6 13.1	19.0
187211 2005 SS_{105}	15.1	X	324.58699	315.51129	60.44205	6.92042	0.2933005	0.17894996	3.1187577	21	8 23.7	18.2
187212 2005 SY_{105}	16.1	X	265.93885	147.89753	192.12412	8.79377	0.1714585	0.22848951	2.6498739	21	4 23.7	20.1
187213 2005 SL_{110}	16.8	X	344.71372	61.39868	14.25053	2.51161	0.0461710	0.19452195	2.9500110	21	12 28.5	20.7
187214 2005 SD_{111}	15.6	X	214.54800	69.82864	12.21644	4.32136	0.1424827	0.17057035	3.2200827	21	7 12.7	20.8
187215 2005 SL_{111}	16.0	X	166.62508	165.08272	224.04851	14.72307	0.1498354	0.21941445	2.7224457	21	3 18.1	20.5
187216 2005 SV_{111}	16.2	X	318.02204	55.39855	209.31108	14.40472	0.1137378	0.22460803	2.6803151	21	3 26.9	19.8
187217 2005 SU_{118}	15.5	X	83.80095	271.31017	165.39786	13.13364	0.1740815	0.21082772	2.7958738	21	2 17.7	18.9
187218 2005 SY_{119}	17.6	X	155.42469	75.47454	196.63776	1.82810	0.1887541	0.26434316	2.4044957	21	—	—
187219 2005 SM_{125}	16.6	X	54.74177	316.78247	185.04249	4.79112	0.0606826	0.21930106	2.7233841	21	3 16.5	20.1
187220 2005 SX_{129}	16.0	X	128.60998	69.89586	332.70334	3.28855	0.1043574	0.21390961	2.7689547	21	2 23.1	20.0
187221 2005 SP_{133}	16.5	X	23.84666	341.16930	215.95705	4.85169	0.0519712	0.22138149	2.7062953	21	4 12.8	19.9
187222 2005 SZ_{135}	16.7	X	299.79301	297.60382	142.06044	2.27826	0.0851719	0.18799985	3.0178504	21	10 28.9	20.5
187223 2005 SX_{139}	16.6	X	201.07372	109.84215	145.62474	2.66486	0.0196654	0.20262132	2.8708640	21	—	—
187224 2005 SS_{140}	16.5	X	292.97043	308.49440	102.83353	2.07664	0.0392856	0.18165539	3.0877149	21	9 18.0	20.6
187225 2005 SG_{141}	16.2	X	104.93545	259.06714	115.74853	2.97143	0.0954758	0.20601199	2.8392767	21	—	—
187226 2005 SH_{141}	16.5	X	109.85754	302.10116	144.92339	3.58421	0.0399226	0.21883998	2.7272080	21	3 19.4	20.0
187227 2005 SJ_{143}	16.8	X	38.88472	7.98701	73.23618	3.06540	0.0387530	0.20573410	2.8418328	21	—	—
187228 2005 SC_{144}	16.2	X	41.07188	348.75251	78.72824	3.66374	0.0159226	0.20409074	2.8570676	21	—	—
187229 2005 SB_{145}	17.0	X	122.88360	274.53262	66.17999	2.78781	0.0684684	0.20430333	2.8550853	21	—	—
187230 2005 SQ_{152}	15.6	X	212.59506	300.08586	44.89599	17.87815	0.1756924	0.21819707	2.7325625	21	3 19.9	20.4
187231 2005 SR_{152}	15.6	X	194.86605	327.29034	50.28415	14.41903	0.1711294	0.21970583	2.7200381	21	4 8.7	20.2
187232 2005 SN_{153}	16.6	X	44.19366	299.33952	21.60530	4.95451	0.2096951	0.25447068	2.4662904	21	11 27.9	19.8
187233 2005 SC_{154}	17.1	X	350.17772	354.69830	302.33718	2.43384	0.1821642	0.23933622	2.5691952	21	7 4.7	19.4
187234 2005 SW_{154}	16.3	X	240.63106	29.48514	217.51582	2.54421	0.0244092	0.20837105	2.8178063	21	—	—
187235 2005 SE_{157}	16.0	X	177.87226	355.73469	25.48128	6.40619	0.0549014	0.21893153	2.7264478	21	3 20.4	19.9
187236 2005 SD_{160}	16.2	X	206.18504	281.16478	231.84449	3.24940	0.1138155	0.18463731	3.0543800	21	9 29.6	21.0
187237 2005 SJ_{160}	16.5	X	295.70818	243.79032	337.98054	2.99509	0.1127984	0.21446860	2.7641413	21	1 7.8	20.3
187238 2005 SH_{167}	16.2	X	190.20172	248.10727	141.18331	12.77201	0.2105656	0.22250445	2.6971820	21	4 18.5	21.0
187239 2005 SR_{169}	16.9	X	307.74734	38.83215	286.96437	2.97226	0.1425158	0.23516664	2.5994746	21	5 31.3	20.0
187240 2005 SK_{180}	16.7	X	108.08883	172.87007	166.31189	3.40609	0.2007362	0.26630249	2.3926871	21	—	—
187241 2005 SO_{180}	17.5	X	150.72321	293.92190	9.37527	1.38916	0.1846377	0.26901033	2.3766036	21	—	—
187242 2005 SR_{180}	17.3	X	87.08346	126.11032	175.75170	2.14467	0.1777258	0.25770225	2.4456290	21	12 17.2	21.0
187243 2005 SA_{184}	16.0	X	306.84934	294.06931	334.03289	3.08767	0.0510708	0.22288101	2.6941432	21	3 26.9	19.7
187244 2005 SO_{190}	15.9	X	109.42391	251.98159	178.23195	8.49833	0.1165749	0.21418016	2.7666224	21	3 7.5	19.5
187245 2005 SV_{190}	15.8	X	286.43125	328.91734	83.72261	2.46775	0.1344441	0.17868805	3.1218045	21	8 28.3	19.9
187246 2005 SU_{192}	15.5	X	252.98417	318.73300	53.23105	15.09416	0.2582997	0.22824608	2.6517577	21	5 11.9	19.8
187247 2005 SA_{195}	16.6	X	164.27018	29.30016	355.69674	3.23114	0.1056128	0.22056483	2.7129714	21	3 11.9	20.6
187248 2005 SS_{210}	15.3	X	271.58539	211.66087	207.37544	9.98335	0.0443136	0.17908891	3.1171444	21	8 25.5	19.8
187249 2005 SS_{219}	15.5	X	323.30943	188.93484	196.39123	18.56310	0.2432850	0.17872319	3.1213953	21	9 2.5	19.1
187250 2005 SQ_{221}	14.8	X	321.80003	340.37880	16.12683	23.39021	0.1818108	0.17636497	3.1491583	21	8 14.6	19.0
187251 2005 ST_{225}	16.5	X	254.84354	218.75397	195.30618	2.14408	0.0943183	0.17571160	3.1569601	21	7 24.6	21.2
187252 2005 SA_{229}	16.6	X	46.79005	31.04349	352.67376	1.45699	0.1061923	0.19832268	2.9121995	21	—	—
187253 2005 SG_{235}	16.4	X	25.66005	81.34430	63.97931	0.25503	0.0092816	0.21284754	2.7781581	21	2 8.7	20.0
187254 2005 SL_{237}	15.2	X	73.18413	298.97891	22.28100	14.39163	0.0321980	0.18926335	3.0044043	21	11 24.5	19.6
187255 2005 SD_{248}	16.4	X	235.88095	200.67898	4.28090	1.53620	0.0155878	0.19817648	2.9136316	21	—	—
187256 2005 SG_{248}	16.0	X	177.01633	325.75853	20.33690	4.91531	0.0732988	0.21316304	2.7754161	21	2 6.2	20.1
187257 2005 SX_{250}	15.9	X	162.47052	213.28602	151.27805	6.01276	0.0975248	0.21366093	2.7711029	21	2 12.9	20.1
187258 2005 SF_{259}	16.6	X	152.64251	211.17682	118.94039	7.47282	0.1843469	0.27257834	2.3558184	21	—	—
187259 2005 SK_{278}	16.2	X	224.35307	40.11496	101.44900	3.06105	0.0762186	0.18313376	3.0710751	21	10 11.2	20.7
187260 2005 SH_{279}	16.7	X	20.74632	232.12138	212.95370	1.41961	0.0515490	0.19971278	2.8986702	21	—	—
187261 2005 SM_{279}	16.1	X	254.70821	52.20386	45.00550	3.53371	0.1047960	0.18236309	3.0797213	21	9 17.9	20.4
187262 2005 SW_{281}	16.2	X	342.71092	224.35638	281.80960	0.92635	0.0242412	0.20660381	2.8338520	21	—	—
187263 2005 TH_{1}	16.1	X	174.61407	203.81203	193.32679	10.68173	0.1984813	0.22253057	2.6969709	21	4 10.8	20.5
187264 2005 TQ_{3}	15.9	X	149.65540	220.96352	172.05610	9.32599	0.1746676	0.21562646	2.7542372	21	3 13.2	20.2
187265 2005 TS_{9}	16.1	X	327.56732	229.79720	166.95752	2.78742	0.1228818	0.18377643	3.0639112	21	10 12.6	19.8
187266 2005 TO_{21}	16.1	X	157.00215	321.17907	50.04455	3.84539	0.0870310	0.21427097	2.7658406	21	2 16.0	20.1
187267 2005 TA_{32}	17.5	X	117.98919	219.63232	86.89517	2.57997	0.1808881	0.26233508	2.4167504	21	—	—
187268 2005 TH_{32}	17.2	X	134.14879	164.95763	126.95796	2.06403	0.1518188	0.26350201	2.4096100	21	—	—
187269 2005 TN_{33}	16.0	X	251.25806	61.73763	64.18427	4.54116	0.1077561	0.18666697	3.0321992	21	10 19.5	20.3
187270 2005 TT_{34}	16.7	X	250.55333	191.72014	146.53815	2.49646	0.0853425	0.22664762	2.6642110	21	4 13.8	20.6
187271 2005 TU_{40}	15.7	X	101.73011	336.48802	10.44642	5.72175	0.0759258	0.19872058	2.9083109	21	—	—
187272 2005 TV_{43}	16.5	X	170.88095	182.94184	158.22653	3.75190	0.1899591	0.21246288	2.7815103	21	1 30.9	21.0
187273 2005 TJ_{45}	16.1	X	223.60923	232.10013	131.28718	1.75846	0.2216232	0.22369437	2.6876085	21	4 10.0	20.6
187274 2005 TV_{45}	16.0	X	143.79611	254.76463	102.58952	12.61879	0.2811882	0.27425449	2.3462100	21	1 27.0	19.5
187275 2005 TZ_{46}	16.7	X	289.08348	233.50433	131.41289	6.43160	0.0788822	0.23646208	2.5899719	21	7 7.9	19.9
187276 Meistas	15.8	X	245.57509	23.87438	236.70315	4.25939	0.1243969	0.21156954	2.7893347	21	1 1.7	20.2
187277 2005 TA_{53}	17.3	X	353.05883	278.67408	48.59852	13.05658	0.2013629	0.24376649	2.5379714	21	9 10.2	19.7
187278 2005 TK_{55}	16.4	X	90.60443	3.72884	49.93831	4.33016	0.0880857	0.20879744	2.8139687	21	1 19.3	20.0
187279 2005 TE_{57}	15.6	X	284.84113	202.00362	198.97256	12.03062	0.1106374	0.17747953	3.1359602	21	8 9.8	20.1
187280 2005 TS_{57}	16.2	X	213.08504	100.65159	44.09345	4.16698	0.0520121	0.18191622	3.0847628	21	10 4.5	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187281 2005 TK_{59}	16.1	X	296.27912	229.28632	62.73547	2.79481	0.0397793	0.22335034	2.6903677	21	4 16.8	19.5
187282 2005 TH_{62}	16.3	X	181.60776	266.84291	80.15761	2.28414	0.0763817	0.21303260	2.7765490	21	2 11.4	20.4
187283 Jeffhopkins	16.2	X	117.60583	287.48287	118.70700	4.72383	0.0991825	0.21231013	2.7828443	21	2 14.8	20.1
187284 2005 TT_{68}	15.8	X	215.82489	285.30620	177.97651	9.09926	0.2113211	0.17347088	3.1840875	21	8 1.8	21.2
187285 2005 TS_{72}	16.2	X	35.33497	139.76431	166.73691	12.10630	0.1949940	0.24649014	2.5192408	21	10 28.0	19.3
187286 2005 TU_{72}	15.8	X	209.03741	317.43184	54.85275	14.53692	0.1845357	0.22286107	2.6943039	21	4 14.0	20.4
187287 2005 TZ_{73}	15.1	X	283.68459	2.61233	51.05245	18.86381	0.1176912	0.17684071	3.1435078	21	9 7.2	19.7
187288 2005 TY_{88}	17.2	X	332.25307	230.14512	117.71188	2.99314	0.0392607	0.24200684	2.5502590	21	8 25.1	20.1
187289 2005 TO_{91}	16.5	X	108.08072	29.48727	50.87683	2.97289	0.0504592	0.21826823	2.7319686	21	3 10.6	20.1
187290 2005 TW_{99}	16.0	X	278.06595	121.62502	211.48681	11.56771	0.1522940	0.22900527	2.6458938	21	4 30.2	19.6
187291 2005 TY_{99}	15.6	X	12.32855	265.53320	18.63934	10.24320	0.1734923	0.23723325	2.5843560	21	8 9.8	18.2
187292 2005 TC_{101}	17.3	X	81.91317	261.03814	89.11071	2.52741	0.2012159	0.26235426	2.4166327	21	—	—
187293 2005 TV_{121}	15.4	X	17.65559	145.76192	195.13125	9.01512	0.0512406	0.18472730	3.0533880	21	10 14.8	19.3
187294 2005 TJ_{126}	16.5	X	325.18020	167.76538	30.24730	4.11781	0.0379310	0.21168802	2.7882938	21	1 26.4	20.2
187295 2005 TF_{132}	16.2	X	300.03725	252.42518	200.36914	7.58424	0.0872701	0.18766656	3.0214225	21	11 14.7	20.0
187296 2005 TV_{139}	16.5	X	296.65234	73.14940	94.39592	3.26703	0.0064898	0.20223318	2.8745362	21	—	—
187297 2005 TE_{142}	15.6	X	250.52383	99.26300	39.91405	11.56663	0.0538968	0.18836406	3.0139591	21	11 9.4	19.9
187298 2005 TV_{142}	16.0	X	28.15746	179.82938	64.74312	4.88768	0.1692427	0.23368932	2.6104185	21	7 6.9	18.5
187299 2005 TY_{151}	16.1	X	209.87508	53.50328	88.11139	2.37880	0.1367945	0.17936411	3.1139551	21	9 19.7	21.0
187300 2005 TX_{156}	15.5	X	301.28104	245.97238	219.63645	9.61952	0.0770400	0.19128035	2.9832465	21	12 3.7	19.3
187301 2005 TU_{180}	16.4	X	83.07700	66.59074	39.97075	3.19258	0.0381816	0.21631498	2.7483897	21	3 9.9	19.9
187302 2005 TP_{191}	15.7	X	276.48528	262.29946	157.69542	9.93490	0.1036359	0.17589069	3.1548168	21	8 27.2	20.0
187303 2005 TQ_{193}	15.5	X	333.31406	256.87382	212.11101	2.61245	0.1680492	0.12644924	3.9312009	21	—	—
187304 2005 UV	16.1	X	309.42966	269.63249	41.93290	3.72556	0.1396787	0.22928513	2.6437403	21	5 14.6	19.4
187305 2005 UO_{2}	15.6	X	242.49643	306.03057	63.82116	6.00936	0.1410557	0.22614005	2.6681960	21	5 9.9	19.6
187306 2005 UG_{4}	15.8	X	263.94153	135.33286	203.50632	5.67226	0.1184827	0.22660475	2.6645470	21	4 25.6	19.7
187307 2005 UM_{9}	15.5	X	29.39745	54.27864	195.45901	12.86968	0.1444528	0.23403182	2.6078710	21	7 11.3	18.6
187308 2005 UV_{12}	16.2	X	52.75310	266.39296	145.45619	2.76057	0.0643143	0.20154892	2.8810385	21	—	—
187309 2005 UW_{15}	16.1	X	200.89491	129.27288	58.52384	3.76923	0.0373990	0.18660944	3.0328224	21	11 12.8	20.3
187310 2005 UK_{19}	16.2	X	6.97948	132.67908	37.15027	4.05764	0.0332190	0.21418255	2.7666018	21	2 15.6	19.8
187311 2005 UR_{26}	16.2	X	242.10046	335.73687	3.20026	3.95682	0.2281699	0.22423998	2.6832472	21	3 25.5	20.8
187312 2005 UZ_{27}	16.0	X	238.21171	112.99033	358.09540	0.69121	0.0167671	0.17907541	3.1173011	21	9 25.3	20.3
187313 2005 UH_{35}	15.8	X	105.93972	189.37921	50.77948	5.56540	0.0835931	0.17833929	3.1258732	21	10 5.2	20.4
187314 2005 UY_{37}	15.8	X	221.65058	239.16016	216.64005	3.43616	0.1109255	0.16893689	3.2408061	21	8 5.9	20.7
187315 2005 UZ_{37}	16.1	X	179.54893	234.98315	82.12312	3.30069	0.0654090	0.20402441	2.8576868	21	1 4.4	20.4
187316 2005 UG_{40}	16.1	X	193.89291	9.89907	202.85615	1.47474	0.0724525	0.18658859	3.0330483	21	12 1.9	20.7
187317 2005 UP_{40}	16.2	X	128.39883	261.13952	71.27223	3.18187	0.0647858	0.19757154	2.9195761	21	—	—
187318 2005 UJ_{41}	15.4	X	190.98039	325.80791	224.49358	12.67318	0.0820346	0.18357822	3.0661163	21	10 31.6	20.1
187319 2005 US_{43}	15.1	X	354.87401	308.39754	28.22110	16.62355	0.0157919	0.17598832	3.1536499	21	9 13.1	19.7
187320 2005 UC_{49}	16.2	X	219.68227	75.85794	248.39886	3.96546	0.1625741	0.21742994	2.7389860	21	2 18.9	20.7
187321 2005 UK_{55}	15.3	X	324.29956	139.17662	247.75758	4.26740	0.1667224	0.17950000	3.1123833	21	9 16.7	18.9
187322 2005 UT_{57}	16.8	X	22.38968	150.29023	165.69852	1.63538	0.1591878	0.24346741	2.5400494	21	10 11.1	19.5
187323 2005 UY_{59}	15.5	X	36.58815	55.05381	225.80366	12.32961	0.1761236	0.23798644	2.5789004	21	9 11.0	18.7
187324 2005 UH_{68}	16.1	X	190.71514	242.05712	81.57185	6.02511	0.1573426	0.21154009	2.7895935	21	1 27.7	20.6
187325 2005 UL_{73}	15.6	X	137.59486	235.39488	52.72772	13.51979	0.0378784	0.19266290	2.9689575	21	—	—
187326 2005 UH_{78}	16.1	X	216.68901	313.57594	216.28325	2.11050	0.0127724	0.18729938	3.0253699	21	11 12.3	20.1
187327 2005 UX_{78}	15.0	X	252.55940	13.39314	67.90834	10.46508	0.0487139	0.17407132	3.1767611	21	9 6.5	19.7
187328 2005 UA_{80}	15.9	X	155.51446	271.44834	96.81773	5.44041	0.0804870	0.20961277	2.8066670	21	2 10.6	20.0
187329 2005 UK_{80}	15.2	X	338.48216	247.19892	195.16358	9.52734	0.0883266	0.18982563	2.9984685	21	12 27.9	19.1
187330 2005 UN_{84}	16.5	X	209.00506	74.09306	184.79217	1.73080	0.1211787	0.20247753	2.8722230	21	—	—
187331 2005 UR_{85}	15.7	X	187.32577	351.76054	202.91287	9.56865	0.1049268	0.18537361	3.0462867	21	11 2.1	20.3
187332 2005 UR_{87}	16.0	X	167.90879	151.55840	178.03169	2.05229	0.0326508	0.20699280	2.8303006	21	1 2.6	20.0
187333 2005 UQ_{96}	15.4	X	203.83921	94.68163	62.48457	10.86025	0.0903698	0.17955002	3.1118053	21	10 9.5	20.2
187334 2005 UO_{100}	15.9	X	242.58549	198.62203	101.89834	5.77369	0.0463757	0.21334223	2.7738618	21	2 22.2	19.9
187335 2005 UO_{104}	15.8	X	35.05880	206.37693	66.60434	6.49943	0.2473578	0.23674393	2.5879158	21	9 18.4	18.6
187336 2005 UP_{107}	16.0	X	254.10359	162.13832	174.24560	12.67494	0.1409102	0.22605156	2.6688922	21	4 10.9	20.0
187337 2005 UW_{108}	16.8	X	292.46008	221.41819	144.61046	5.74878	0.2202465	0.23705862	2.5856251	21	6 21.6	20.1
187338 2005 UY_{116}	15.8	X	276.74432	41.28125	2.04138	1.63406	0.1878274	0.17341837	3.1847302	21	7 25.4	20.1
187339 2005 UR_{127}	15.8	X	158.44419	33.58771	267.12811	1.05867	0.0188389	0.19820958	2.9133073	21	—	—
187340 2005 UV_{131}	15.5	X	267.35909	329.51200	112.35036	11.20891	0.1308205	0.17603456	3.1530976	21	9 12.7	20.1
187341 2005 UT_{141}	16.1	X	284.51191	234.20322	120.98514	5.36245	0.2090251	0.23280124	2.6170531	21	5 29.7	19.7
187342 2005 UH_{142}	15.4	X	347.16167	213.97701	174.53910	11.69814	0.1555497	0.18400748	3.0613459	21	11 7.2	18.9
187343 2005 UL_{158}	15.8	X	189.73214	291.05466	57.63218	7.11893	0.1057757	0.21424752	2.7660425	21	2 25.6	20.1
187344 2005 UW_{159}	16.1	X	235.67889	193.97819	145.36177	4.09223	0.1188474	0.22228971	2.6989187	21	3 28.2	20.1
187345 2005 UY_{159}	16.2	X	145.35674	280.85631	112.14707	1.73845	0.0790266	0.21400628	2.7681208	21	2 27.9	20.1
187346 2005 UB_{180}	16.5	X	166.66016	212.62232	107.84140	3.22073	0.0615362	0.20244084	2.8725701	21	—	—
187347 2005 UJ_{188}	16.2	X	240.02923	217.49224	358.57865	2.32006	0.1191884	0.19900087	2.9055793	21	—	—
187348 2005 UH_{195}	15.1	X	133.41587	112.93675	59.13030	12.12454	0.0656310	0.16818551	3.2504512	21	8 13.2	20.1
187349 2005 UT_{200}	16.1	X	326.43500	67.17825	207.81338	4.39575	0.1221865	0.22436938	2.6822155	21	4 23.9	19.3
187350 2005 UM_{201}	15.8	X	135.85831	24.98094	219.92479	9.61464	0.0638126	0.18432864	3.0577889	21	11 9.4	20.4
187351 2005 UK_{213}	16.3	X	276.80892	221.05863	121.46712	6.37696	0.1468679	0.23021692	2.6366019	21	5 13.5	20.1
187352 2005 UH_{214}	15.2	X	282.18975	312.75261	116.20709	13.06663	0.0879115	0.17784304	3.1316854	21	9 23.4	19.6
187353 2005 UW_{215}	15.0	X	184.29918	348.26288	209.64300	11.72844	0.0999260	0.18453455	3.0555139	21	11 2.9	19.6
187354 2005 UM_{229}	16.5	X	32.91693	278.61585	170.62395	1.89510	0.0277631	0.20160968	2.8804597	21	—	—
187355 2005 US_{229}	15.7	X	198.28574	345.25728	206.87842	5.40919	0.0911889	0.18523793	3.0477741	21	11 10.8	20.4
187356 2005 UW_{237}	15.2	X	257.41038	43.94926	75.72639	11.34631	0.0275097	0.18228320	3.0806211	21	11 1.2	19.6
187357 2005 UW_{238}	15.6	X	83.66561	119.31852	200.41813	9.73605	0.0445067	0.18773634	3.0206737	21	12 10.2	20.1
187358 2005 UZ_{250}	15.1	X	225.44859	313.60897	264.99021	10.37395	0.0604035	0.19747655	2.9205123	21	—	—
187359 2005 UZ_{251}	15.3	X	272.80363	260.87046	230.50032	8.93550	0.0488092	0.18874810	3.0098694	21	11 29.6	19.4
187360 2005 UW_{258}	15.9	X	181.25549	57.12942	145.60655	2.45705	0.0270305	0.18558200	3.0440058	21	11 9.6	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187361 2005 UP_{259}	15.7	X	77.61479	154.81239	63.41334	5.59322	0.0906936	0.17006019	3.2265193	21	8 5.6	20.2
187362 2005 UH_{262}	16.2	X	276.22436	213.07418	65.61829	3.91111	0.1279678	0.21870925	2.7282947	21	2 23.8	20.3
187363 2005 UK_{262}	16.9	X	288.46023	134.19712	181.14846	4.04169	0.1700073	0.22820694	2.6520608	21	4 17.4	20.4
187364 2005 UR_{266}	15.2	X	232.58552	275.90865	214.85334	9.33856	0.0589233	0.17906130	3.1174648	21	10 6.0	19.7
187365 2005 UO_{272}	15.9	X	216.37778	106.46363	130.48691	2.69986	0.0595917	0.19560808	2.9390807	21	—	—
187366 2005 UK_{273}	16.5	X	76.03756	297.34216	36.56028	1.54831	0.1127807	0.18788828	3.0190450	21	12 26.2	20.9
187367 2005 UB_{278}	15.3	X	146.56904	278.61441	231.49606	3.38850	0.0096560	0.16929421	3.2362445	21	7 22.3	20.0
187368 2005 UE_{278}	16.6	X	235.32106	94.48007	208.58897	1.99040	0.0633242	0.21347495	2.7727120	21	2 13.5	20.8
187369 2005 UT_{281}	16.3	X	335.59801	210.76571	138.24223	4.83954	0.1891700	0.23920865	2.5701085	21	8 24.2	18.3
187370 2005 UU_{308}	15.6	X	281.00453	172.80033	204.22227	3.43976	0.1396618	0.17124252	3.2116508	21	7 3.4	20.2
187371 2005 UO_{318}	15.7	X	297.66770	164.13908	269.12017	1.92237	0.0605477	0.18242360	3.0790402	21	10 17.8	19.8
187372 2005 UT_{319}	15.1	X	143.23611	180.74271	33.75703	12.13657	0.1008867	0.18073732	3.0981623	21	10 14.3	19.8
187373 2005 UC_{330}	15.3	X	200.76873	124.22654	65.13031	12.15757	0.0556673	0.18403699	3.0610186	21	11 13.7	19.7
187374 2005 UN_{335}	15.1	X	300.73336	34.09003	27.98978	11.09288	0.0203426	0.18092708	3.0959956	21	10 13.7	19.2
187375 2005 UQ_{352}	15.9	X	170.62217	30.93319	288.04287	4.85243	0.0564501	0.20564782	2.8426276	21	—	—
187376 2005 US_{359}	15.8	X	130.86958	173.40543	39.11730	18.21194	0.2595859	0.17941511	3.1133650	21	10 10.9	21.3
187377 2005 UC_{361}	16.5	X	175.60795	88.29993	182.96501	1.66763	0.0416827	0.19793571	2.9159940	21	—	—
187378 2005 UJ_{361}	15.0	X	302.34600	260.34336	215.43718	8.79383	0.2352359	0.12497024	3.9621566	21	11 15.7	19.7
187379 2005 UB_{368}	15.7	X	201.42485	151.16387	72.25859	6.01501	0.1315944	0.19089089	2.9873029	21	12 17.5	20.3
187380 2005 UQ_{386}	15.9	X	291.78514	225.51654	121.43108	15.47067	0.1251323	0.23220558	2.6215267	21	6 11.9	19.5
187381 2005 UZ_{395}	16.5	X	356.01350	22.16949	97.89788	3.21596	0.0193524	0.20302194	2.8670861	21	—	—
187382 2005 UT_{401}	15.5	X	151.81481	202.63431	59.42008	24.69331	0.1945280	0.19153624	2.9805889	21	12 13.4	20.7
187383 2005 UF_{404}	15.9	X	241.71592	345.77037	118.47182	2.45455	0.1307259	0.17709452	3.1405036	21	9 7.2	20.5
187384 2005 UN_{407}	16.7	X	345.59278	352.14638	140.17136	2.54481	0.0363211	0.20308619	2.8664813	21	—	—
187385 2005 UJ_{412}	15.3	X	57.66967	233.11752	76.44258	10.41931	0.0666792	0.18089663	3.0963430	21	11 1.7	19.7
187386 2005 UD_{455}	16.3	X	254.87189	197.29751	82.02882	5.01819	0.0635373	0.21459055	2.7630940	21	2 8.1	20.3
187387 2005 UW_{456}	15.5	X	281.38935	184.84287	199.91962	12.63925	0.1358641	0.17040527	3.2221620	21	7 12.4	20.3
187388 2005 UM_{461}	15.3	X	72.01608	223.41525	56.24450	10.15918	0.0695678	0.17688787	3.1429491	21	10 13.9	19.8
187389 2005 UF_{472}	15.5	X	202.82868	150.05473	49.38575	9.96559	0.0415491	0.18673166	3.0314989	21	11 27.5	19.9
187390 2005 UB_{483}	16.2	X	189.68217	255.09144	84.01676	3.59390	0.0562088	0.21335103	2.7737856	21	2 9.8	20.2
187391 2005 UF_{485}	16.3	X	233.28411	240.79283	105.41538	6.03560	0.0494419	0.22186394	2.7023706	21	4 9.7	20.2
187392 2005 UA_{492}	15.1	X	31.81819	212.02054	85.05097	17.87217	0.0854496	0.17729272	3.1381627	21	9 21.1	19.6
187393 2005 UL_{494}	15.4	X	27.90908	68.57990	200.78361	12.57512	0.2326418	0.23530129	2.5984828	21	8 18.9	18.2
187394 2005 UG_{501}	15.6	X	202.42311	283.50012	87.34209	15.67444	0.0853088	0.21858419	2.7293353	21	4 10.9	20.0
187395 2005 UG_{511}	15.3	X	245.18211	42.19624	64.37794	18.46406	0.1206605	0.17689155	3.1429055	21	9 25.1	20.3
187396 2005 UU_{516}	16.7	X	143.57604	318.60833	106.06167	2.66563	0.0839933	0.22028719	2.7152504	21	4 7.2	20.5
187397 2005 UR_{522}	16.9	X	20.72766	141.65908	159.92268	3.70010	0.0666729	0.24283552	2.5444538	21	9 4.8	19.7
187398 2005 VN_{10}	16.4	X	222.84940	175.77519	143.70069	3.07789	0.0906553	0.21307449	2.7761850	21	2 20.2	20.6
187399 2005 VB_{31}	16.2	X	217.80888	268.34617	65.98976	6.23428	0.1225292	0.21432587	2.7653683	21	3 7.2	20.6
187400 2005 VA_{34}	15.3	X	137.96686	90.66257	91.16925	5.97309	0.0719761	0.16942842	3.2345352	21	8 28.5	20.2
187401 2005 VB_{34}	15.7	X	338.37389	263.25094	104.30029	4.15772	0.0762468	0.17666810	3.1455550	21	9 23.8	19.7
187402 2005 VA_{38}	15.3	X	44.81940	88.03802	208.42564	8.67446	0.0607152	0.17628537	3.1501062	21	9 23.3	19.5
187403 2005 VB_{38}	15.5	X	266.71806	246.31876	188.39997	4.92570	0.1576115	0.17342338	3.1846689	21	8 24.4	20.0
187404 2005 VK_{43}	15.5	X	336.98402	204.92009	66.76061	18.51018	0.1450961	0.22717503	2.6600858	21	5 7.8	18.5
187405 2005 VL_{46}	15.3	X	214.03401	235.68731	82.65344	13.15220	0.1221627	0.21031288	2.8004349	21	2 13.9	19.9
187406 2005 VJ_{49}	14.9	X	355.72479	328.39512	51.90597	17.18245	0.1760405	0.18196696	3.0841893	21	11 10.8	18.3
187407 2005 VG_{53}	15.2	X	71.72611	248.51270	97.78150	11.13638	0.1036449	0.18912107	3.0059109	21	—	—
187408 2005 VR_{56}	15.9	X	302.70597	204.12894	146.40480	4.30121	0.2042890	0.23394812	2.6084930	21	6 17.9	19.0
187409 2005 VE_{58}	15.4	X	245.76641	278.72826	153.63696	4.57585	0.1273170	0.16868971	3.2439712	21	8 1.8	20.3
187410 2005 VT_{60}	15.1	X	31.40529	281.99917	75.72194	11.15354	0.1019833	0.18530864	3.0469987	21	11 29.9	19.2
187411 2005 VD_{65}	15.8	X	161.60636	184.02247	136.76484	2.81967	0.0691191	0.20433384	2.8548010	21	—	—
187412 2005 VM_{70}	16.6	X	299.50272	185.11206	134.35471	3.23418	0.1594196	0.22708065	2.6608229	21	5 9.5	20.0
187413 2005 VM_{72}	15.8	X	118.57994	68.05805	183.41043	2.88777	0.1998072	0.18100733	3.0950805	21	11 7.7	20.9
187414 2005 VA_{78}	15.6	X	357.03113	331.74966	344.04368	8.55634	0.1962882	0.23847414	2.5753832	21	8 23.3	17.8
187415 2005 VB_{78}	16.6	X	16.20896	283.96015	43.52926	13.05420	0.2091137	0.24438497	2.5336875	21	10 26.2	19.0
187416 2005 VV_{78}	14.9	X	327.80398	353.69742	52.04756	14.10306	0.1110802	0.18050742	3.1007923	21	10 27.1	18.7
187417 2005 VJ_{79}	16.3	X	83.20121	22.21108	276.67713	1.64387	0.0930151	0.18817142	3.0160158	21	11 19.9	20.7
187418 2005 VN_{80}	16.1	X	16.50623	252.46764	152.47437	2.46987	0.1048302	0.19222036	2.9735126	21	—	—
187419 2005 VD_{87}	16.2	X	184.75631	119.95243	198.04994	1.56356	0.0608138	0.20638247	2.8358778	21	1 9.9	20.3
187420 2005 VY_{103}	16.1	X	132.12852	199.83169	147.27416	2.62827	0.0828370	0.20411731	2.8568197	21	—	—
187421 2005 VF_{111}	15.3	X	238.86543	66.01654	54.60371	12.07905	0.0452465	0.17976535	3.1093198	21	10 9.3	19.8
187422 2005 VA_{112}	15.6	X	158.51263	312.39089	41.43686	5.43573	0.1084237	0.20597850	2.8395845	21	1 31.1	19.9
187423 2005 VR_{114}	15.2	X	338.67435	79.25900	8.00456	2.64137	0.1884173	0.12543207	3.9524252	21	12 18.6	19.8
187424 2005 VL_{119}	15.8	X	57.26581	291.62902	58.77281	16.51480	0.2264273	0.25769489	2.4456755	21	—	—
187425 2005 VR_{123}	15.1	X	231.21529	3.00825	268.94329	15.90419	0.0438381	0.20671059	2.8328760	21	1 3.9	19.3
187426 2005 WJ_{5}	15.4	X	251.53084	237.65005	94.73042	15.82745	0.2017135	0.22149034	2.7054085	21	4 5.2	20.1
187427 2005 WH_{6}	14.9	X	84.90121	94.10278	242.20058	11.03281	0.1461319	0.19158995	2.9800318	21	—	—
187428 2005 WK_{6}	16.1	X	308.76910	125.65447	227.18760	1.73740	0.2163684	0.23496148	2.6009875	21	6 29.0	18.9
187429 2005 WH_{11}	15.7	X	100.09977	185.37676	81.44241	1.94587	0.1357763	0.18215632	3.0820514	21	11 4.0	20.3
187430 2005 WO_{27}	15.8	X	14.95502	251.44572	50.66493	3.94665	0.2392503	0.23695732	2.5863619	21	9 19.0	18.0
187431 2005 WV_{27}	15.8	X	96.55482	261.77093	8.91319	1.66342	0.0772646	0.17929644	3.1147386	21	10 28.7	20.4
187432 2005 WF_{29}	15.3	X	182.71425	201.43285	58.90754	8.56108	0.0662361	0.19261596	2.9694399	21	—	—
187433 2005 WG_{30}	15.3	X	357.63506	282.03620	58.51976	10.28890	0.0990387	0.17471742	3.1689246	21	9 22.1	19.4
187434 2005 WD_{38}	15.3	X	43.16596	284.76676	82.20506	11.61060	0.0843896	0.18644724	3.0345810	21	12 23.4	19.3
187435 2005 WD_{53}	15.9	X	215.97015	52.69354	63.93201	2.73985	0.0388371	0.17243158	3.1968690	21	9 3.7	20.4
187436 2005 WN_{57}	12.5	X	320.23307	153.23965	155.96502	20.44252	0.1131457	0.08060869	5.3073960	21	6 11.2	19.4
187437 2005 WQ_{62}	15.3	X	308.80264	211.34345	87.23854	14.08695	0.2286460	0.22585680	2.6704263	21	4 19.5	19.0
187438 2005 WO_{65}	15.0	X	80.12042	202.06040	39.58991	12.54361	0.1312910	0.17637771	3.1490066	21	9 17.5	19.7
187439 2005 WZ_{73}	15.7	X	281.30902	188.01733	177.43752	15.01953	0.2015575	0.23117110	2.6293416	21	6 9.9	19.6
187440 2005 WG_{81}	15.3	X	59.20857	246.96740	72.40284	10.04144	0.0622901	0.18031781	3.1029656	21	11 13.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187441 2005 WM_{84}	16.2	X	23.92472	47.31349	296.15760	1.20917	0.0606942	0.18102905	3.0948328	21	10 26.1	20.2
187442 2005 WF_{96}	15.0	X	28.11183	263.75098	82.46730	11.03878	0.1537238	0.18122680	3.0925811	21	11 18.9	19.0
187443 2005 WQ_{97}	15.6	X	67.11034	255.23962	67.29020	9.86593	0.0895496	0.18432053	3.0578786	21	11 29.2	20.0
187444 2005 WQ_{102}	15.8	X	72.36266	221.50600	174.73158	9.70285	0.1274635	0.19787695	2.9165711	21	—	—
187445 2005 WY_{107}	16.7	X	281.03197	200.38799	64.94602	6.86228	0.0391607	0.21533205	2.7567472	21	2 25.7	20.6
187446 2005 WV_{115}	15.1	X	133.08788	327.26915	129.11828	10.06955	0.1134880	0.15436171	3.4417262	21	5 14.9	20.5
187447 2005 WD_{117}	15.6	X	258.51346	231.77439	87.97630	15.02411	0.2170461	0.22085971	2.7105560	21	3 25.6	20.3
187448 2005 WL_{120}	15.4	X	12.82544	315.71455	73.66854	5.65249	0.2156207	0.18519158	3.0482826	21	12 27.8	19.0
187449 2005 WH_{132}	16.1	X	152.83590	37.79993	213.92226	0.29065	0.1128154	0.18532412	3.0468291	21	12 4.9	20.8
187450 2005 WK_{155}	15.2	X	123.65254	102.31963	132.37162	10.09724	0.0598394	0.17857569	3.1231139	21	10 17.9	19.9
187451 2005 WO_{165}	15.5	X	46.91623	172.52806	91.12510	3.00068	0.1573094	0.17092539	3.2156221	21	8 31.6	19.7
187452 2005 WN_{179}	16.1	X	219.38275	208.15266	153.30890	5.49923	0.1243611	0.21942341	2.7223716	21	4 8.8	20.3
187453 2005 WP_{191}	15.7	X	305.91284	198.85276	132.03400	14.68276	0.1766472	0.22960685	2.6412702	21	6 3.2	19.2
187454 2005 WB_{192}	14.9	X	71.96205	92.40080	85.42803	9.95243	0.1112705	0.15705619	3.4022484	21	6 9.2	19.5
187455 2005 WD_{193}	15.9	X	282.84910	185.76213	169.16576	13.53394	0.1671580	0.23038282	2.6353360	21	6 3.6	19.8
187456 2005 XK_{5}	13.1	X	347.38494	136.27272	165.82562	7.73428	0.0959971	0.08317478	5.1976650	21	7 8.8	19.6
187457 2005 XA_{17}	15.5	X	91.24358	170.15186	132.73317	3.20588	0.1060673	0.18138701	3.0907598	21	12 4.4	20.1
187458 2005 XT_{23}	15.5	X	335.56858	296.39781	41.57516	5.17427	0.2290430	0.23622479	2.5917060	21	8 3.8	17.7
187459 2005 XO_{28}	15.3	X	354.03207	316.54028	109.14896	11.40830	0.0684422	0.18895426	3.0076797	21	12 29.0	19.2
187460 2005 XE_{53}	16.2	X	150.13864	105.04404	60.67106	2.29227	0.1035007	0.17020660	3.2246688	21	8 21.9	21.2
187461 2005 XM_{65}	15.1	X	126.57846	169.30334	77.82242	7.63700	0.0996798	0.17838764	3.1253084	21	11 5.3	19.9
187462 2005 XV_{70}	15.2	X	344.71263	331.44590	74.16927	15.16916	0.1139849	0.18163960	3.0878938	21	11 22.3	18.9
187463 2005 XX_{106}	12.8	X	33.24066	86.48719	155.64016	5.87898	0.0277674	0.08363925	5.1784044	21	6 28.2	19.6
187464 2005 YC_{10}	16.2	X	72.68528	292.14538	115.27891	2.63349	0.1174167	0.19836031	2.9118312	21	—	—
187465 2005 YZ_{139}	15.0	X	66.97169	209.77836	97.83116	23.99143	0.1442373	0.17672965	3.1448247	21	11 24.2	19.8
187466 2005 YR_{171}	16.0	X	348.80670	185.52229	154.06775	5.73670	0.3412968	0.24141085	2.5544546	21	9 18.5	16.7
187467 2005 YS_{250}	15.7	X	52.06867	189.81476	144.12694	1.97498	0.1782105	0.17786667	3.1314080	21	12 6.4	20.0
187468 2006 AE_{24}	15.4	X	5.34619	314.24612	82.06421	10.95178	0.0881316	0.18396864	3.0617767	21	12 9.2	19.3
187469 2006 BL_{53}	12.7	X	351.65912	137.49295	151.63994	18.41104	0.1103977	0.08407961	5.1603075	21	6 30.5	19.2
187470 2006 BH_{59}	13.4	X	319.17080	148.97073	151.11246	10.85108	0.0639041	0.08276006	5.2150146	21	6 3.5	20.2
187471 2006 BV_{72}	13.4	X	274.47672	218.50194	105.08333	8.34429	0.0676758	0.08153994	5.2669088	21	5 8.7	20.4
187472 2006 BP_{73}	13.3	X	345.91449	257.87824	15.11574	5.94181	0.1886718	0.08218418	5.2393480	21	5 28.0	19.3
187473 2006 BJ_{103}	14.0	X	227.08458	243.04995	149.56088	9.81236	0.0068309	0.08491976	5.1262158	21	6 8.9	20.9
187474 2006 BM_{116}	13.5	X	265.09320	188.01804	176.90452	3.73952	0.0632683	0.08535040	5.1089581	21	6 12.2	20.4
187475 2006 BV_{119}	12.6	X	2.50201	101.16099	162.84002	11.21146	0.1002751	0.08206769	5.2443046	21	6 17.1	19.1
187476 2006 BB_{213}	12.5	X	208.84212	252.05128	148.26990	17.89966	0.0653350	0.08193945	5.2497750	21	5 27.8	19.9
187477 2006 BW_{232}	14.8	X	83.27377	310.84982	62.87145	4.31959	0.1732040	0.12430167	3.9763512	21	—	—
187478 2006 CY_{29}	13.3	X	337.65145	93.04831	190.16236	4.41165	0.0356025	0.08445833	5.1448696	21	6 7.9	20.0
187479 2006 DA_{15}	12.7	X	356.95584	147.41137	119.45809	6.79437	0.0918076	0.08263171	5.2204132	21	6 12.5	19.2
187480 2006 QX_{39}	16.5	X	114.71797	247.52972	27.08412	7.44404	0.0971070	0.27561104	2.3385051	21	12 7.3	19.9
187481 2006 QU_{116}	17.1	X	312.41872	218.52021	213.11896	5.44115	0.2315430	0.26815066	2.3816803	21	11 14.9	18.4
187482 2006 RY_{32}	17.7	X	110.66531	209.62498	234.63810	2.28344	0.0674457	0.29925748	2.2136351	21	3 6.1	20.3
187483 2006 RO_{39}	17.2	X	354.04739	200.35034	207.69661	4.48113	0.2151793	0.27148119	2.3621613	21	—	—
187484 2006 RK_{97}	17.1	X	293.28789	253.39735	202.16503	4.58207	0.1975165	0.26536292	2.3983315	21	11 10.9	19.2
187485 2006 SL_{18}	15.9	X	58.62217	238.97251	163.13599	6.94141	0.0892603	0.21504943	2.7591619	21	—	—
187486 2006 SE_{54}	17.2	X	106.35358	260.30712	196.89192	21.32035	0.0855892	0.36945003	1.9235298	21	3 5.9	19.2
187487 2006 SM_{54}	16.9	X	335.54322	345.40175	64.35097	3.39871	0.1794197	0.26707090	2.3880954	21	12 6.1	18.7
187488 2006 SZ_{185}	17.3	X	240.03065	179.31309	26.15332	5.10475	0.0862983	0.27751355	2.3278050	21	—	—
187489 2006 SN_{206}	17.0	X	18.80612	228.19550	196.91630	6.22263	0.0801183	0.27799052	2.3251415	21	—	—
187490 2006 SJ_{212}	17.1	X	294.45685	84.15223	209.16329	20.50522	0.0828420	0.37421250	1.9071749	21	3 14.6	19.5
187491 2006 SU_{223}	17.6	X	253.01136	162.44103	192.92664	2.36047	0.0967396	0.30926839	2.1656039	21	4 30.8	20.3
187492 2006 SP_{269}	16.9	X	68.32084	294.85976	205.89873	12.03707	0.1033973	0.23074169	2.6326027	21	4 7.7	19.9
187493 2006 SQ_{275}	15.9	X	87.09991	243.22787	201.75655	8.72741	0.0542421	0.22418224	2.6837079	21	2 11.9	19.5
187494 2006 SP_{290}	16.8	X	349.23684	275.85123	218.41302	4.78860	0.1031439	0.28368349	2.2939292	21	—	—
187495 2006 SN_{293}	17.8	X	47.26823	258.31683	222.47324	3.00577	0.1037692	0.29503378	2.2347120	21	1 17.3	19.7
187496 2006 SP_{308}	16.6	X	87.51522	132.58806	341.92149	4.80630	0.1226873	0.23215615	2.6218988	21	4 2.5	19.9
187497 2006 SK_{320}	17.3	X	304.05850	12.20946	70.25637	2.98548	0.1727773	0.26588443	2.3951944	21	11 16.4	19.2
187498 2006 SQ_{326}	17.0	X	321.87804	37.75592	53.48745	3.37659	0.1564425	0.27019994	2.3696228	21	—	—
187499 2006 SZ_{348}	17.3	X	123.61815	110.41097	21.42467	4.25846	0.2025400	0.23948525	2.5681292	21	6 20.9	21.3
187500 2006 SX_{352}	17.4	X	6.15086	133.85562	310.39691	2.91029	0.1917236	0.27723619	2.3293572	21	—	—
187501 2006 SY_{352}	16.7	X	89.90994	185.17564	233.14324	6.24301	0.0925743	0.28970889	2.2620116	21	1 1.7	19.0
187502 2006 SG_{357}	16.0	X	71.55439	341.14782	65.79494	4.02336	0.1635073	0.21597946	2.7512354	21	—	—
187503 2006 SQ_{364}	15.8	X	126.54742	125.34927	28.33880	5.31708	0.2145014	0.23814735	2.5777387	21	7 24.6	20.0
187504 2006 SO_{365}	16.9	X	189.84961	310.77885	140.52494	6.26663	0.2367409	0.24419717	2.5349864	21	6 28.2	21.3
187505 2006 SX_{394}	16.8	X	264.20979	198.88713	45.24192	7.31526	0.1310911	0.28608703	2.2810629	21	—	—
187506 2006 TB_{17}	16.5	X	58.46564	81.49585	39.45265	4.18580	0.1638644	0.22527891	2.6749912	21	3 6.0	19.3
187507 2006 TJ_{30}	16.7	X	50.13426	223.35223	203.50577	5.39048	0.0460106	0.28330921	2.2959491	21	—	—
187508 2006 TB_{43}	16.4	X	52.30194	304.03551	218.20334	3.63099	0.2035066	0.22896025	2.6462406	21	4 25.7	19.1
187509 2006 TT_{46}	17.1	X	336.18120	172.44004	44.98540	6.00960	0.1073821	0.29633947	2.2281429	21	2 9.5	19.6
187510 2006 TU_{48}	16.9	X	11.26300	356.42591	47.42680	2.12210	0.1851597	0.27085060	2.3658262	21	—	—
187511 2006 TE_{63}	16.3	X	51.58892	251.08862	155.65985	4.70432	0.0891437	0.21476623	2.7615870	21	—	—
187512 2006 TB_{77}	17.3	X	129.17480	288.69077	108.90743	6.94941	0.1472348	0.29321947	2.2439207	21	2 11.3	20.0
187513 2006 TG_{91}	16.9	X	5.69094	41.32201	350.48496	0.98453	0.1855666	0.26803364	2.3823735	21	—	—
187514 Tainan	15.9	X	89.06801	237.60429	210.93690	14.43674	0.2198750	0.22355192	2.6887501	21	3 15.7	19.5
187515 2006 TL_{97}	17.1	X	285.64004	224.54678	339.15211	3.44652	0.0725470	0.28380353	2.2932823	21	—	—
187516 2006 TH_{107}	17.2	X	79.00766	192.45755	212.01562	6.14474	0.1038720	0.28414657	2.2914362	21	—	—
187517 2006 TA_{109}	16.9	X	237.05796	59.12765	68.39309	4.67212	0.2842135	0.18999665	2.9966689	21	9 16.9	21.8
187518 2006 TD_{110}	16.8	X	85.58064	302.85528	326.27564	4.44280	0.0885404	0.26183603	2.4198203	21	10 24.6	20.1
187519 2006 UR_{5}	16.6	X	136.74737	16.41061	90.12462	3.51158	0.1411804	0.23738035	2.5832883	21	5 27.2	20.3
187520 2006 UJ_{8}	17.0	X	321.08806	294.95102	121.49836	2.62485	0.1773457	0.26400995	2.4065184	21	11 13.5	18.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187521 2006 UL_{11}	17.2	X	297.02704	316.42103	196.55294	4.64585	0.0622653	0.27753785	2.3276691	21	—	—
187522 2006 UB_{12}	17.1	X	356.47311	97.30892	52.84400	6.64338	0.1025919	0.28674863	2.2775529	21	—	—
187523 2006 UC_{12}	16.8	X	54.32831	200.78449	200.30264	9.06657	0.0026593	0.27920339	2.3184030	21	—	—
187524 2006 UD_{34}	17.4	X	183.89348	78.67500	61.84707	2.50054	0.1150724	0.25225608	2.4807040	21	8 29.2	21.1
187525 2006 UU_{36}	17.9	X	110.84754	264.98002	242.60129	2.95807	0.0310494	0.30861896	2.1686409	21	6 2.6	20.3
187526 2006 UP_{40}	17.3	X	160.80509	251.97504	225.38640	1.58344	0.1191605	0.24276238	2.5449649	21	7 3.8	21.2
187527 2006 US_{45}	17.1	X	341.65514	7.71436	87.64416	3.24771	0.1827664	0.27140401	2.3626091	21	—	—
187528 2006 UM_{61}	17.3	X	107.69532	346.60149	39.00846	4.33501	0.1667064	0.28472433	2.2883353	21	—	—
187529 2006 UQ_{61}	16.1	X	121.39830	60.00198	41.93873	14.09338	0.1135103	0.23097917	2.6307980	21	4 30.8	19.7
187530 2006 UG_{62}	16.6	X	49.43015	140.36490	50.69266	3.68159	0.1649710	0.23378127	2.6097340	21	5 26.8	19.1
187531 Omorichugakkou	17.2	X	51.25182	44.69720	12.06652	5.64803	0.1063455	0.28069487	2.3101831	21	—	—
187532 2006 UX_{64}	15.5	X	135.45199	252.38276	196.96559	12.44242	0.1471082	0.23122300	2.6289482	21	5 5.6	19.5
187533 2006 UQ_{80}	17.0	X	50.12563	75.64105	46.01903	7.04081	0.0375116	0.29304401	2.2448164	21	1 27.4	19.5
187534 2006 UU_{86}	16.8	X	301.95029	139.94646	38.20710	6.61220	0.1015944	0.28005999	2.3136732	21	—	—
187535 2006 UH_{87}	16.3	X	41.76427	33.63007	46.09535	3.35247	0.0624058	0.21386953	2.7693006	21	—	—
187536 2006 UH_{89}	16.1	X	268.70122	286.09664	11.60589	3.77155	0.0866206	0.23330103	2.6133141	21	3 12.7	19.8
187537 2006 UV_{93}	16.9	X	312.96719	98.50013	65.95989	4.60986	0.0902264	0.28187285	2.3037422	21	—	—
187538 2006 UA_{98}	17.5	X	144.43164	314.87186	72.75481	3.71008	0.1578042	0.29395251	2.2401887	21	2 18.5	20.4
187539 2006 UC_{98}	17.4	X	291.07296	74.91987	103.50972	3.12755	0.1661757	0.27902601	2.3193854	21	—	—
187540 2006 UQ_{115}	16.9	X	180.96744	329.83819	201.91918	5.54283	0.1069336	0.26034868	2.4290276	21	10 5.1	20.3
187541 2006 UX_{149}	15.3	X	164.16424	295.14343	182.49831	26.96592	0.2059167	0.17478093	3.1681569	21	7 7.9	21.1
187542 2006 UC_{183}	17.3	X	137.90126	11.41834	73.21600	6.11380	0.1331479	0.30408010	2.1901678	21	4 25.5	20.2
187543 2006 UV_{191}	14.9	X	46.78639	301.80423	271.24264	8.85749	0.0206554	0.17600067	3.1535024	21	6 7.3	19.2
187544 2006 UP_{200}	17.3	X	84.91487	66.27809	2.97263	4.16241	0.0500993	0.28889699	2.2662477	21	1 6.5	19.7
187545 2006 UA_{218}	16.9	X	101.31169	316.22544	93.37193	7.52008	0.0882065	0.28677701	2.2774027	21	1 9.0	19.2
187546 2006 UV_{221}	16.8	X	177.76441	51.50733	41.33777	10.30903	0.1048158	0.24359205	2.5391828	21	6 18.4	20.7
187547 2006 UG_{230}	15.7	X	168.39839	283.71302	198.95320	20.19745	0.3475131	0.17640310	3.1487046	21	7 17.2	21.9
187548 2006 UJ_{240}	17.3	X	138.84219	249.15220	324.80059	1.53178	0.1549789	0.26053877	2.4278461	21	10 16.3	21.0
187549 2006 UX_{240}	16.3	X	140.18307	171.59388	192.40828	6.14677	0.0610872	0.21846646	2.7303157	21	1 12.3	20.2
187550 2006 UW_{248}	17.0	X	287.10788	319.35608	212.14858	5.54313	0.1661330	0.27778546	2.3262857	21	—	—
187551 2006 UX_{255}	16.3	X	222.53029	26.57124	245.38488	2.44510	0.0689739	0.21645715	2.7471862	21	—	—
187552 2006 UB_{273}	16.9	X	226.65085	170.85704	21.77526	7.19695	0.0513438	0.26940646	2.3742733	21	—	—
187553 2006 VG_{12}	16.9	X	304.49671	356.82802	85.04988	3.80785	0.0662609	0.26259691	2.4151437	21	11 23.8	19.4
187554 2006 VT_{12}	17.0	X	125.48168	318.65205	73.61912	7.20892	0.1176338	0.29005386	2.2602178	21	1 26.1	19.7
187555 2006 VJ_{15}	17.4	X	313.61123	67.26685	351.65738	2.08013	0.1594612	0.26141003	2.4224485	21	10 29.9	19.5
187556 2006 VZ_{22}	17.1	X	287.04532	47.40584	59.98414	5.82328	0.1956047	0.26263360	2.4149187	21	11 15.4	19.2
187557 2006 VO_{24}	16.9	X	232.67633	250.85978	214.21365	5.54283	0.0996163	0.25309423	2.4752243	21	9 4.1	20.3
187558 2006 VK_{50}	17.4	X	209.67832	318.01375	43.29976	3.82248	0.1527564	0.29974346	2.2112418	21	3 21.8	20.7
187559 2006 VV_{51}	17.1	X	99.33806	141.18360	305.41880	1.46205	0.1129682	0.29516791	2.2340349	21	3 1.3	19.3
187560 2006 VO_{60}	17.6	X	298.48354	302.83698	202.00130	1.61901	0.1107466	0.27574349	2.3377561	21	—	—
187561 2006 VV_{60}	17.4	X	317.92470	57.42851	50.29051	3.44505	0.0935800	0.26925166	2.3751833	21	—	—
187562 2006 VR_{67}	17.2	X	255.11456	218.50130	58.93041	2.29892	0.1094757	0.29069790	2.2568782	21	1 19.7	20.3
187563 2006 VJ_{73}	16.0	X	197.53645	71.96837	72.59366	6.71642	0.1501264	0.18194759	3.0844081	21	9 13.2	21.0
187564 2006 VL_{79}	17.6	X	327.88163	166.06397	103.89727	3.95313	0.0440229	0.30370204	2.1919850	21	4 23.1	19.9
187565 2006 VT_{79}	17.2	X	186.70178	154.62182	206.24834	5.20295	0.1159894	0.29567185	2.2314958	21	2 21.8	20.4
187566 2006 VD_{89}	16.4	X	153.38398	346.30346	40.76519	7.53875	0.1080518	0.29302142	2.2449317	21	2 24.4	19.4
187567 2006 VE_{94}	16.1	X	103.86727	185.82346	253.25617	4.06203	0.2807175	0.22291967	2.6938317	21	4 2.1	20.0
187568 2006 VU_{99}	16.5	X	340.13354	116.20612	55.26476	7.10169	0.0425781	0.28503371	2.2866791	21	—	—
187569 2006 VL_{107}	16.7	X	107.14963	146.24045	316.42857	2.43167	0.1378081	0.22836037	2.6508728	21	4 16.5	20.2
187570 2006 VS_{123}	17.0	X	232.66574	20.71872	11.02978	2.23776	0.0791938	0.24057428	2.5603731	21	5 31.4	20.6
187571 2006 VV_{123}	16.3	X	359.68225	240.11682	321.51038	1.25713	0.2167099	0.22424012	2.6832461	21	2 24.9	19.0
187572 2006 VV_{142}	15.5	X	134.03722	100.64731	8.00771	16.42515	0.1732729	0.23493878	2.6011551	21	5 24.9	19.8
187573 2006 VN_{147}	16.1	X	168.01892	11.93225	59.66544	2.44194	0.0939053	0.23380660	2.6095455	21	5 11.9	19.9
187574 2006 VC_{153}	17.8	X	248.01702	152.02716	198.22882	20.84857	0.0719385	0.37416825	1.9073253	21	4 12.9	19.8
187575 2006 VW_{153}	17.1	X	66.88334	312.61115	158.64731	4.89948	0.0395179	0.29326607	2.2436830	21	2 4.1	19.6
187576 2006 WK_{9}	17.0	X	312.67166	141.75349	102.62828	6.27808	0.1819600	0.29403016	2.2397943	21	2 1.4	19.9
187577 2006 WR_{20}	16.1	X	335.92358	340.65707	208.54835	6.31106	0.1374276	0.21806198	2.7336909	21	1 11.4	19.7
187578 2006 WQ_{26}	16.7	X	182.10111	35.27943	69.32593	4.16899	0.0752505	0.24360615	2.5390849	21	7 10.1	20.3
187579 2006 WA_{27}	16.6	X	175.59891	340.67004	71.58224	5.64497	0.1753330	0.23333844	2.6130348	21	4 29.6	20.8
187580 2006 WJ_{35}	16.5	X	81.54579	19.71054	146.57946	4.90089	0.1330177	0.23429826	2.6058935	21	6 8.1	19.8
187581 2006 WP_{39}	17.4	X	345.14666	224.44167	202.56896	2.48410	0.1516239	0.26720646	2.3872876	21	—	—
187582 2006 WN_{46}	16.2	X	306.52478	190.09831	347.28734	1.81134	0.0143988	0.21261765	2.7801603	21	—	—
187583 2006 WM_{51}	16.7	X	234.14702	151.08896	55.48286	5.31910	0.0886305	0.27095510	2.3652180	21	—	—
187584 2006 WM_{64}	17.4	X	290.98530	273.61711	7.43523	6.34365	0.1364404	0.30002712	2.2098478	21	3 2.5	20.2
187585 2006 WC_{82}	16.4	X	160.56857	320.71750	110.27822	3.53973	0.0973907	0.23297029	2.6157868	21	5 4.5	20.3
187586 2006 WD_{88}	16.6	X	63.01244	19.72066	148.88371	4.58776	0.1436050	0.23083010	2.6319305	21	5 16.6	19.6
187587 2006 WJ_{88}	16.9	X	343.07637	345.28400	80.83555	4.62285	0.2148180	0.26557542	2.3970521	21	—	—
187588 2006 WV_{88}	16.1	X	350.45602	128.46516	28.49315	5.05150	0.1014666	0.21287405	2.7779275	21	—	—
187589 2006 WH_{98}	16.2	X	24.83657	31.90191	67.54895	5.66087	0.1204224	0.21193542	2.7861234	21	—	—
187590 2006 WY_{104}	17.2	X	4.63463	323.66607	76.69899	4.55800	0.1427715	0.26677119	2.3898837	21	—	—
187591 2006 WA_{106}	16.6	X	208.85517	328.11749	83.23520	4.13096	0.0231223	0.23884027	2.5727506	21	6 2.2	20.1
187592 2006 WN_{115}	16.2	X	103.62996	141.06677	15.77201	2.43998	0.1435605	0.23533549	2.5982310	21	6 25.3	19.7
187593 2006 WY_{117}	16.4	X	52.87407	277.07889	143.38645	2.70795	0.0546817	0.20350502	2.8625470	21	—	—
187594 2006 WA_{128}	17.0	X	86.64394	147.62885	354.82411	2.08201	0.0627312	0.23071016	2.6328426	21	5 1.0	20.4
187595 2006 WE_{128}	16.4	X	248.61321	109.87742	18.41288	2.77831	0.1188205	0.19032705	2.9931998	21	10 16.5	20.6
187596 2006 WG_{149}	16.6	X	211.64221	180.95173	63.79231	7.43362	0.0837431	0.27355672	2.3501980	21	—	—
187597 2006 WW_{182}	16.6	X	24.97305	304.72575	107.70492	7.83642	0.0979117	0.27031028	2.3689779	21	—	—
187598 2006 WZ_{190}	16.2	X	164.14289	330.80686	126.30874	5.62417	0.1011741	0.23779508	2.5802838	21	6 10.7	20.1
187599 2006 XZ_{9}	16.1	X	265.79356	129.06424	75.50375	2.94554	0.0289728	0.20592872	2.8400421	21	—	—
187600 2006 XG_{15}	16.5	X	76.88306	326.84770	85.68235	7.51050	0.1174410	0.28017727	2.3130274	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187601 2006 XQ_{25}	16.6	X	74.29152	343.36874	163.72075	0.60467	0.0805710	0.22419831	2.6835797	21	4 23.9	20.0
187602 2006 XY_{27}	17.2	X	263.13925	103.28149	180.85788	5.64841	0.0692680	0.29274732	2.2463328	21	2 6.9	20.1
187603 2006 XK_{38}	16.4	X	110.30183	243.97935	98.12425	8.09727	0.1458153	0.27134789	2.3629348	21	—	—
187604 2006 XN_{63}	15.8	X	156.75623	97.59815	17.80281	11.85346	0.0873126	0.24003098	2.5642351	21	6 25.5	19.8
187605 2006 XR_{65}	16.8	X	10.94529	238.66896	217.18963	5.59070	0.0690469	0.27537069	2.3398656	21	—	—
187606 2006 XB_{69}	16.5	X	147.65065	352.02861	113.14542	3.76343	0.0501880	0.23031247	2.6358726	21	5 30.1	20.1
187607 2006 YB_{13}	12.5	X	332.10577	115.48560	170.11387	17.83656	0.0529892	0.08145817	5.2704329	21	6 4.5	19.5
187608 2006 YZ_{14}	14.7	X	70.64624	132.60109	141.92138	23.37255	0.0290233	0.17346428	3.1841682	21	10 1.4	19.4
187609 2006 YX_{30}	16.4	X	78.91576	353.74083	39.32025	2.58970	0.0579570	0.20585455	2.8407242	21	—	—
187610 2006 YK_{37}	16.5	X	4.35091	342.65485	14.46215	3.09907	0.1942326	0.25381453	2.4705391	21	11 13.3	18.7
187611 2007 AJ_{1}	16.2	X	198.94664	243.64557	121.59479	6.72503	0.0967902	0.22217536	2.6998447	21	3 25.3	20.4
187612 2007 AN_{6}	15.1	X	203.38548	35.91505	114.15295	15.72562	0.1501725	0.17821905	3.1272791	21	9 27.9	20.3
187613 2007 AU_{13}	16.7	X	63.15299	334.37155	127.44750	4.98192	0.0256473	0.21425083	2.7660140	21	2 3.0	20.4
187614 2007 AX_{14}	16.9	X	230.05517	37.67346	121.43478	2.27779	0.1191696	0.25853812	2.4403549	21	11 12.8	20.0
187615 2007 AG_{16}	15.6	X	191.58689	62.86802	112.79402	18.33085	0.1769040	0.18004816	3.1060629	21	10 18.2	21.0
187616 2007 AK_{17}	15.6	X	179.02924	39.79861	118.32449	11.52721	0.1731267	0.17515791	3.1636096	21	9 11.9	20.9
187617 2007 AE_{18}	15.3	X	171.89593	97.16575	82.72697	11.18541	0.1023773	0.17995038	3.1071881	21	10 5.1	20.3
187618 2007 AM_{22}	15.7	X	269.50982	357.93354	74.66140	8.79282	0.1246345	0.17827113	3.1266699	21	9 5.1	20.2
187619 2007 AA_{23}	15.8	X	314.57127	121.53582	124.55829	13.36480	0.0861787	0.21895395	2.7262616	21	3 8.7	19.5
187620 2007 AH_{26}	15.6	X	275.97926	299.91675	146.66909	11.33985	0.1593039	0.18217935	3.0817918	21	9 24.7	19.8
187621 2007 AY_{26}	15.5	X	213.43713	255.92411	199.66330	21.35235	0.3286004	0.17720145	3.1392401	21	7 13.9	21.6
187622 2007 BL_{9}	16.4	X	274.32596	359.47565	31.33993	3.49765	0.1123668	0.24236861	2.5477206	21	7 19.0	19.6
187623 2007 BM_{10}	15.9	X	221.14858	306.53950	279.50215	0.86307	0.1020285	0.19654692	2.9297140	21	—	—
187624 2007 BH_{17}	16.5	X	193.71419	310.17952	114.74006	3.85209	0.0337262	0.23119449	2.6291643	21	6 1.5	20.2
187625 2007 BF_{19}	15.7	X	244.36585	39.02583	119.30776	13.87761	0.0854327	0.19010664	2.9955129	21	11 25.7	20.1
187626 2007 BB_{22}	15.9	X	17.74257	318.73270	313.47517	8.09876	0.1657617	0.23530235	2.5984750	21	7 28.1	18.2
187627 2007 BE_{30}	15.8	X	323.70844	313.09519	123.80982	11.47278	0.0933299	0.18897747	3.0074335	21	12 1.5	19.7
187628 2007 BX_{36}	16.6	X	32.70959	280.50581	112.20989	7.31193	0.0801884	0.26392038	2.4070628	21	—	—
187629 2007 BY_{43}	16.6	X	9.86279	241.60924	155.90516	2.34650	0.2101266	0.26042476	2.4285546	21	—	—
187630 2007 BQ_{50}	15.3	X	230.35528	327.89242	145.61560	11.64454	0.1725038	0.17553734	3.1590491	21	9 2.2	20.3
187631 2007 BS_{63}	16.4	X	250.04173	176.03792	153.14422	6.97933	0.0465846	0.22245973	2.6975434	21	4 7.1	20.2
187632 2007 BA_{66}	15.9	X	231.99378	159.02721	152.14328	2.72025	0.0564415	0.21115372	2.7929954	21	2 21.2	20.0
187633 2007 BG_{66}	15.4	X	186.64853	43.98615	151.33363	10.21625	0.0357603	0.18093815	3.0958693	21	11 8.0	20.0
187634 2007 CE	15.9	X	272.47653	294.59237	145.42410	9.91037	0.1958443	0.17981702	3.1087242	21	9 4.5	20.1
187635 2007 CH_{2}	16.3	X	236.32796	189.15461	146.54053	8.97693	0.0915865	0.21898238	2.7260256	21	3 27.6	20.4
187636 Chungyuan	15.7	X	303.35580	316.08322	121.59952	5.80607	0.1004965	0.18469170	3.0537804	21	10 31.1	19.6
187637 2007 CC_{25}	15.4	X	267.28454	329.35215	154.16253	16.13609	0.0834080	0.18531619	3.0469159	21	11 11.8	19.9
187638 Greenewalt	16.9	X	56.80725	218.16581	109.09605	7.03316	0.1149825	0.25231030	2.4803487	21	12 9.3	20.3
187639 2007 CV_{28}	16.0	X	169.01012	297.07773	290.97509	0.79540	0.1923939	0.18490118	3.0514734	21	11 20.4	21.2
187640 2007 CF_{31}	16.3	X	354.47675	180.46710	137.97055	6.33744	0.2489090	0.23896332	2.5718673	21	8 22.3	18.0
187641 2007 CV_{36}	16.1	X	277.39526	150.89706	137.17316	9.58159	0.1316558	0.21651354	2.7467092	21	3 8.6	20.1
187642 2007 CP_{40}	16.5	X	188.37265	118.76089	168.63494	1.51891	0.0535078	0.19928787	2.9027890	21	—	—
187643 2007 CU_{45}	15.4	X	217.20473	336.66905	156.37906	10.89516	0.0356499	0.17714681	3.1398856	21	9 26.8	19.9
187644 2007 DA_{1}	15.4	X	52.98403	23.38477	285.87403	4.43388	0.1421975	0.17617393	3.1514346	21	10 31.6	19.8
187645 2007 DB_{1}	16.1	X	119.15643	174.22630	182.43374	5.67108	0.1631045	0.20040378	2.8920033	21	—	—
187646 2007 DB_{3}	14.6	X	327.85442	353.90337	108.93455	9.51705	0.2006005	0.12428435	3.9767206	21	12 17.7	19.2
187647 2007 DN_{16}	15.2	X	56.56572	189.93194	112.79463	6.20820	0.1100517	0.17581314	3.1557444	21	10 27.8	19.6
187648 2007 DC_{24}	15.5	X	311.23187	198.90558	168.07192	4.25796	0.0596850	0.16769527	3.2567831	21	8 11.9	19.9
187649 2007 DG_{77}	14.5	X	98.53974	158.21253	141.83643	15.14715	0.1078117	0.18082921	3.0971126	21	12 10.5	19.5
187650 2007 DA_{78}	15.8	X	265.00100	237.46761	189.18110	16.29115	0.1579512	0.24560712	2.5252754	21	8 13.3	19.5
187651 2007 DU_{91}	15.9	X	216.36605	192.50835	149.84408	10.82932	0.1985740	0.21437985	2.7649041	21	3 12.4	20.6
187652 2007 EP_{19}	15.9	X	314.08976	286.33000	142.75000	3.45923	0.0698294	0.18490809	3.0513974	21	11 6.3	19.8
187653 2007 EN_{31}	15.4	X	272.55218	295.54507	107.78074	3.97448	0.0474452	0.16914697	3.2381222	21	8 9.7	19.9
187654 2007 EQ_{61}	15.0	X	75.55592	163.31153	156.96359	12.71517	0.1328970	0.17905163	3.1175771	21	12 11.9	19.9
187655 2007 EZ_{103}	13.0	X	286.49997	156.38767	170.31131	17.00293	0.0970643	0.08293078	5.2078550	21	5 22.1	20.0
187656 2007 EM_{107}	13.6	X	22.88024	86.34451	150.66397	9.27462	0.0515447	0.08082343	5.2979908	21	6 12.2	20.4
187657 2007 ER_{148}	13.4	X	353.35374	106.61789	150.19583	9.52363	0.0320302	0.08201252	5.2466563	21	5 29.6	20.3
187658 2007 EV_{161}	15.9	X	242.34283	183.31706	166.41330	9.74637	0.0473700	0.22265429	2.6959718	21	4 24.8	19.8
187659 2007 EN_{186}	13.2	X	303.14390	181.80744	129.79639	8.09198	0.0746336	0.08456074	5.1407151	21	5 26.5	19.9
187660 2007 JE_{8}	15.4	X	205.29125	2.67714	223.81368	4.51686	0.0875400	0.17820787	3.1274098	21	12 26.7	20.1
187661 2007 JG_{43}	9.3	X	42.89960	174.58566	62.53457	33.11134	0.4059678	0.00830634	24.1469804	21	9 1.5	22.4
187662 2007 JU_{44}	15.9	X	123.98940	175.16746	148.01964	2.08723	0.0672399	0.17749560	3.1357708	21	—	—
187663 2007 WM_{20}	16.9	X	317.92420	233.73512	296.10456	5.67472	0.0597951	0.29166347	2.2518944	21	—	—
187664 2007 WQ_{52}	15.7	X	220.58114	308.91239	321.82187	4.92303	0.0330927	0.21087055	2.7954953	21	—	—
187665 2008 AY_{49}	15.8	X	106.48433	266.54946	322.88197	3.93841	0.1125463	0.18907294	3.0064210	21	9 23.2	20.2
187666 2008 BM_{18}	16.3	X	257.07446	13.43362	156.76710	4.24574	0.1084025	0.19932858	2.9023938	21	12 20.9	20.3
187667 2008 BZ_{38}	17.0	X	200.78633	229.21603	353.68372	1.86003	0.1742880	0.26828290	2.3808977	21	12 25.4	20.4
187668 2008 BB_{39}	17.4	X	318.32828	345.80815	200.91454	3.08475	0.1132434	0.29391988	2.2403545	21	—	—
187669 2008 CK_{5}	15.8	X	196.81612	290.11967	166.29562	12.28496	0.1857264	0.17996884	3.1069756	21	7 10.4	21.2
187670 2008 CL_{18}	16.5	X	357.37211	355.32637	130.73961	2.60525	0.0306587	0.21384596	2.7695041	21	—	—
187671 2008 CJ_{37}	17.2	X	136.54758	14.48478	193.64295	0.86565	0.1292002	0.25779116	2.4450667	21	10 6.3	20.8
187672 2008 CT_{41}	17.2	X	327.59551	306.13906	185.12266	3.15915	0.1311223	0.28413685	2.2914885	21	—	—
187673 2008 CO_{70}	17.7	X	352.13621	278.96306	209.58129	1.35215	0.0922762	0.29015935	2.2596699	21	—	—
187674 2008 CZ_{74}	17.7	X	238.75386	70.16199	148.38841	4.88860	0.1020077	0.28287244	2.2983119	21	—	—
187675 2008 CN_{85}	16.1	X	265.52788	260.12525	317.67783	2.69334	0.0387682	0.21297308	2.7770662	21	—	—
187676 2008 CG_{91}	16.0	X	13.56766	222.07927	145.46661	2.72880	0.0641566	0.19505213	2.9446629	21	11 15.3	19.8
187677 2008 CF_{142}	16.6	X	119.31181	293.65785	172.52911	6.03335	0.0979638	0.23573237	2.5953139	21	5 2.9	20.2
187678 2008 CS_{156}	16.2	X	77.43906	320.65056	42.72008	2.37929	0.0162695	0.20478063	2.8506472	21	—	—
187679 Folinsbee	17.1	X	178.04099	358.39500	177.40465	4.52651	0.2280581	0.26016639	2.4301622	21	10 3.5	21.0
187680 Stelck	16.9	X	328.95500	111.36387	94.21557	5.51320	0.1528814	0.29497906	2.2349883	21	1 3.8	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187681 2008 DP_{11}	15.0	X	301.32725	202.48025	140.14291	16.19569	0.0181216	0.17667667	3.1454534	21	7 4.3	19.6
187682 2008 DV_{12}	16.4	X	148.76051	230.18569	127.74831	6.28581	0.0869377	0.22300143	2.6931732	21	1 18.2	20.1
187683 2008 DE_{15}	16.4	X	32.25214	24.80868	153.58553	2.90726	0.1406879	0.22916637	2.6446536	21	4 3.9	19.1
187684 2008 DW_{16}	17.0	X	229.07439	327.58525	190.15016	6.73654	0.0910022	0.26826355	2.3810121	21	11 15.9	20.0
187685 2008 DO_{21}	17.7	X	12.07037	336.69289	160.81998	3.21775	0.0927425	0.29291981	2.2454509	21	—	—
187686 2008 DJ_{26}	17.2	X	128.95189	332.05556	252.07238	0.41277	0.1422583	0.25731883	2.4480578	21	10 19.4	21.0
187687 2008 DV_{31}	16.2	X	276.47383	239.97402	72.50197	3.64150	0.0795345	0.23319425	2.6141118	21	4 11.9	19.8
187688 2008 DR_{33}	16.7	X	72.91292	93.72227	217.64448	0.42738	0.1892799	0.26144235	2.4222489	21	12 16.8	20.2
187689 2008 DS_{40}	16.7	X	321.95659	82.13777	224.30532	1.46688	0.0889523	0.23596137	2.5936345	21	6 4.0	19.8
187690 2008 DT_{46}	17.0	X	153.05903	161.47572	77.89628	2.65159	0.1527056	0.26247612	2.4158846	21	11 30.8	20.9
187691 2008 DT_{47}	16.1	X	155.03056	166.75310	64.62031	2.12411	0.2194618	0.18732760	3.0250662	21	11 13.8	21.2
187692 2008 DM_{56}	12.8	X	337.88479	242.12360	15.19613	27.30116	0.0197616	0.08252382	5.2249625	21	5 1.3	19.8
187693 2008 DG_{58}	15.8	X	252.32264	114.56044	358.81040	9.86897	0.0609752	0.19054107	2.9909580	21	10 8.8	20.0
187694 2008 DN_{59}	16.0	X	285.60534	174.95960	174.42062	12.88770	0.1852328	0.24480139	2.5308134	21	5 27.4	19.6
187695 2008 DP_{68}	16.6	X	50.42867	21.05125	145.02311	3.34350	0.0333591	0.22824925	2.6517331	21	4 9.9	19.9
187696 2008 DU_{69}	16.4	X	315.73104	150.85507	87.28540	3.93966	0.0333620	0.22487402	2.6782012	21	3 4.9	20.0
187697 2008 DZ_{73}	16.0	X	20.63910	150.06137	174.61904	0.86086	0.0773874	0.18110849	3.0939278	21	9 30.1	20.0
187698 2008 DM_{79}	15.8	X	175.21128	148.92197	313.96865	11.86543	0.0407982	0.24259163	2.5461590	21	6 30.3	19.4
187699 2008 EF_{1}	16.7	X	160.69450	161.32909	47.34951	3.31758	0.1279437	0.26076267	2.4264561	21	10 31.4	20.4
187700 Zagreb	16.4	X	313.96341	34.71798	203.36636	4.15190	0.0962841	0.22413918	2.6840516	21	2 17.9	19.9
187701 2008 EU_{16}	16.5	X	228.12225	103.42671	180.92549	1.26897	0.0371589	0.21391893	2.7688743	21	1 15.1	20.6
187702 2008 EM_{19}	16.6	X	126.60393	75.65084	184.24754	9.36485	0.0928268	0.26252800	2.4155663	21	12 1.4	20.3
187703 2008 EC_{20}	16.2	X	122.08264	78.97643	294.69323	2.46882	0.1075369	0.21314457	2.7755765	21	1 11.2	19.9
187704 2008 EC_{25}	16.6	X	1.46894	23.01102	112.05501	11.09954	0.0713800	0.28807866	2.2705374	21	—	—
187705 2008 EV_{28}	17.5	X	105.88153	357.14738	98.40893	3.11791	0.0704654	0.29953870	2.2122494	21	3 18.9	19.8
187706 2008 EU_{34}	17.1	X	234.30922	346.62536	189.61032	4.64408	0.1537453	0.26977463	2.3721126	21	12 7.5	20.1
187707 Nandaxianlin	16.8	X	189.63087	238.31660	16.81206	7.60794	0.1540742	0.27248190	2.3563743	21	—	—
187708 2008 EJ_{36}	17.3	X	235.95602	110.72342	87.14975	3.12808	0.1452512	0.27326564	2.3518667	21	—	—
187709 Fengduan	15.8	X	245.33351	87.36308	88.98886	3.03402	0.0410925	0.19670775	2.9281168	21	12 22.5	19.6
187710 2008 EM_{47}	16.9	X	23.81301	214.77917	95.77252	4.86805	0.1816847	0.24654629	2.5188583	21	10 12.2	19.6
187711 2008 EU_{47}	16.2	X	194.48689	51.63213	168.31764	2.96184	0.1710480	0.19243575	2.9712934	21	12 4.8	20.9
187712 2008 ET_{54}	17.4	X	205.82093	87.95677	83.95297	3.32594	0.1608453	0.26182461	2.4198906	21	10 28.9	21.0
187713 2008 ES_{56}	16.3	X	310.06422	114.77293	121.74124	4.46687	0.0275251	0.22351604	2.6890379	21	2 23.7	19.9
187714 2008 EU_{76}	17.0	X	97.23049	20.06917	134.94008	3.19931	0.1059198	0.23757993	2.5818413	21	6 9.3	20.4
187715 2008 EZ_{77}	16.4	X	53.06189	230.19912	146.95466	3.06125	0.0536815	0.19851866	2.9102826	21	—	—
187716 2008 ED_{81}	17.2	X	136.19403	272.31462	358.42634	5.49575	0.2254265	0.26328343	2.4109435	21	12 23.7	21.3
187717 2008 ED_{82}	17.2	X	231.58505	60.81602	139.13893	2.70543	0.1497112	0.27410030	2.3470898	21	—	—
187718 2008 EB_{83}	15.3	X	252.86378	245.36492	201.68908	13.62430	0.0934404	0.18231518	3.0802609	21	8 30.4	19.9
187719 2008 EG_{83}	15.1	X	223.07360	249.36116	213.90588	9.30578	0.0555960	0.17939482	3.1135998	21	8 20.2	19.8
187720 2008 EX_{85}	15.6	X	35.26126	5.30840	27.66556	9.24512	0.0742699	0.20049579	2.8911184	21	—	—
187721 2008 EJ_{123}	15.9	X	117.42386	62.07804	184.73424	2.35225	0.1254012	0.18113061	3.0936760	21	10 27.4	20.7
187722 2008 EN_{136}	17.5	X	74.87992	96.54752	56.32089	4.93446	0.0714249	0.30592989	2.1813304	21	4 23.5	19.7
187723 2008 EN_{146}	16.9	X	74.72231	69.74879	87.37391	4.72759	0.1371969	0.23182257	2.6244133	21	5 17.3	20.0
187724 2008 FC_{38}	13.0	X	346.39329	209.19162	57.10910	8.25928	0.1324308	0.08269411	5.2177866	21	5 25.1	19.3
187725 2008 FV_{40}	16.5	X	30.87524	214.58929	44.09567	8.03758	0.1191846	0.23915439	2.5704973	21	7 29.9	19.4
187726 2008 FX_{52}	17.3	X	215.22495	181.72149	50.81932	3.15398	0.1863718	0.27245284	2.3565418	21	—	—
187727 2008 FW_{55}	17.6	X	29.12188	248.56488	20.51694	5.55556	0.0556323	0.31658531	2.1321064	21	8 7.3	19.7
187728 2008 FR_{58}	16.2	X	181.74088	39.91504	142.46989	3.44209	0.1160324	0.18177494	3.0863609	21	10 12.8	21.1
187729 2008 FO_{61}	14.8	X	48.15173	132.26005	149.78635	17.30376	0.1296557	0.17171713	3.2057301	21	9 23.7	19.2
187730 2008 FX_{66}	16.0	X	158.90501	331.78589	174.73268	0.75656	0.1114720	0.16961355	3.2321811	21	8 6.3	21.0
187731 2008 FH_{76}	15.5	X	344.60524	142.36728	80.71475	15.64036	0.1098043	0.22399833	2.6851767	21	3 23.6	19.1
187732 2008 FM_{80}	15.3	X	318.98723	165.85005	196.12226	16.62655	0.1104703	0.17429329	3.1740634	21	8 8.1	19.6
187733 2008 FW_{80}	15.9	X	248.79192	277.56583	197.78116	4.73250	0.1201595	0.18690262	3.0296499	21	9 29.8	20.3
187734 2008 FF_{104}	16.5	X	48.23278	158.53496	87.11906	6.61356	0.0776726	0.23860377	2.5744503	21	8 1.4	19.6
187735 2008 FD_{106}	16.6	X	78.84538	37.46505	141.34853	4.43772	0.1650123	0.23635388	2.5907622	21	6 26.2	19.8
187736 2008 FA_{114}	17.1	X	234.40277	86.02695	191.34260	9.55572	0.1626718	0.28320811	2.2964955	21	—	—
187737 2153 *P–L*	17.7	X	302.90003	39.90698	296.07216	1.27795	0.2608754	0.30485039	2.1864768	21	5 13.2	20.2
187738 5031 *P–L*	16.7	X	120.62679	145.41726	217.66115	3.60307	0.1712877	0.28090546	2.3090283	21	—	—
187739 1168 *T–1*	15.8	X	236.11090	301.07137	200.67654	9.27049	0.3180288	0.18762059	3.0219160	21	9 26.3	20.8
187740 1224 *T–2*	16.7	X	129.71779	304.20582	3.62496	6.07781	0.1971326	0.27340532	2.3510656	21	—	—
187741 2100 *T–3*	16.1	X	180.29378	239.58641	210.40323	20.88224	0.1533436	0.24017130	2.5632363	21	6 17.0	20.6
187742 2351 *T–3*	16.6	X	195.82799	83.33314	223.88352	6.18309	0.1314397	0.27893575	2.3198858	21	—	—
187743 3562 *T–3*	16.1	X	187.37682	299.53467	57.17600	5.07781	0.0795250	0.21331885	2.7740645	21	3 3.1	20.3
187744 4085 *T–3*	17.0	X	221.77539	215.75327	81.35371	4.02476	0.1876028	0.28045732	2.3114874	21	1 12.9	20.7
187745 5137 *T–3*	15.8	X	206.42359	259.94748	75.29180	9.56266	0.1182492	0.21344969	2.7729308	21	2 26.8	20.3
187746 1976 *DC*	16.3	X	308.33231	223.92111	317.40574	22.46656	0.3442007	0.27986110	2.3147692	21	—	—
187747 1993 FS_{21}	16.9	X	211.35874	26.58035	191.49368	5.58288	0.2039977	0.26633294	2.3925047	21	12 26.3	20.4
187748 1993 FW_{33}	16.8	X	231.07142	144.28484	62.66452	3.42832	0.1318194	0.26771419	2.3842683	21	—	—
187749 1993 FC_{61}	17.0	X	296.84536	41.15231	93.09718	2.20846	0.1320154	0.26892418	2.3771111	21	—	—
187750 1994 WB_{7}	16.9	X	124.18656	130.12233	157.88725	6.86206	0.0975435	0.25931298	2.4354911	21	12 31.9	20.7
187751 1995 GG_{3}	16.5	X	91.27451	90.36531	54.84697	5.16490	0.0562373	0.23035827	2.6355232	21	5 11.1	19.9
187752 1995 MF_{6}	17.5	X	275.31806	104.33711	223.93695	4.62770	0.2123651	0.29655974	2.2270395	21	4 5.6	20.8
187753 1995 SF_{49}	16.6	X	188.07886	300.28789	349.34331	1.58904	0.0725601	0.20505590	2.8480954	21	—	—
187754 1995 YV_{7}	16.2	X	191.47781	285.50196	124.25994	4.04425	0.2201797	0.21217485	2.7840270	21	5 11.6	21.0
187755 1996 HN_{17}	12.9	X	350.39659	197.86965	73.77264	4.62325	0.0991556	0.08151757	5.2678721	21	6 8.0	19.3
187756 1996 RX_{18}	16.5	X	275.96200	341.61110	25.35475	0.20952	0.1704062	0.23024192	2.6364110	21	6 8.5	20.0
187757 1996 UH_{4}	17.0	X	264.29898	318.67404	46.40708	3.93987	0.2193975	0.30714330	2.1755815	21	5 13.2	20.1
187758 1996 VU_{11}	17.3	X	347.04346	136.99051	132.80450	6.92926	0.2221425	0.30465646	2.1874046	21	5 2.9	18.8
187759 1996 XD_{8}	16.3	X	210.96344	260.89969	94.92054	7.17974	0.0392230	0.21686532	2.7437380	21	3 28.6	20.3
187760 1997 BD_{6}	16.7	X	322.02726	291.47943	189.81457	1.83030	0.0823887	0.19623655	2.9328023	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187761 1997 NX_4	14.9	X	99.55573	202.64621	117.36847	14.57989	0.3045793	0.17891624	3.1191496	21	—	—
187762 1997 WQ_5	17.2	X	317.31743	224.92775	126.41104	1.48256	0.1863981	0.24015117	2.5633795	21	7 18.1	19.6
187763 1998 BS_{17}	17.6	X	28.11934	127.45181	118.12321	3.22208	0.1533464	0.30757635	2.1735390	21	7 6.1	18.9
187764 1998 BF_{20}	16.1	X	58.75037	298.55568	119.53749	5.35361	0.0575686	0.21054374	2.7983873	21	—	—
187765 1998 BX_{38}	16.2	X	310.66349	10.01337	302.99877	3.98704	0.2824597	0.22815082	2.6524957	21	4 23.3	19.7
187766 1998 DV_{17}	16.6	X	116.92889	281.51790	135.92307	4.67624	0.0929107	0.21228164	2.7830932	21	2 27.1	20.3
187767 1998 QP_4	15.2	X	74.65815	148.77045	184.54058	8.18411	0.2436498	0.18103333	3.0947841	21	—	—
187768 1998 QM_{72}	14.9	X	40.49308	134.54598	218.45945	12.06587	0.1654060	0.17789377	3.1310900	21	12 12.9	19.2
187769 1998 RX_{29}	15.3	X	56.76690	188.57223	157.68053	9.29058	0.1858607	0.17913938	3.1165589	21	12 27.2	19.9
187770 1998 RU_{41}	16.2	X	79.17101	200.59347	182.64802	9.88659	0.2102634	0.27113169	2.3641909	21	—	—
187771 1998 RP_{52}	17.2	X	154.28248	238.17444	117.42217	3.59345	0.2192176	0.27786215	2.3258576	21	1 26.9	20.4
187772 1998 RG_{70}	17.0	X	200.47776	211.74655	122.04013	3.63048	0.1797433	0.28139001	2.3063768	21	2 8.1	20.5
187773 1998 RQ_{71}	16.7	X	169.55241	300.96598	42.09407	3.02058	0.2260415	0.27849110	2.3223544	21	1 27.0	20.2
187774 1998 SR_6	15.2	X	95.51875	150.15572	165.37760	11.15822	0.0874453	0.18150112	3.0894643	21	12 21.7	20.0
187775 1998 SQ_{21}	16.5	X	180.60324	319.29175	0.76004	4.34399	0.1834995	0.27622145	2.3350586	21	1 5.4	20.1
187776 1998 SH_{55}	16.7	X	228.71204	331.28583	353.71096	5.04693	0.2978308	0.28488713	2.2874635	21	2 20.4	20.8
187777 1998 SZ_{70}	15.1	X	81.32769	297.66983	26.46051	15.86824	0.2815792	0.17879527	3.1205563	21	—	—
187778 1998 SJ_{88}	17.2	X	219.71584	179.78517	154.08024	6.12453	0.2548361	0.28446151	2.2897446	21	2 24.1	21.2
187779 1998 SO_{88}	16.5	X	197.18547	88.94113	226.94365	5.92480	0.1311011	0.27916802	2.3185988	21	1 10.4	20.0
187780 1998 SC_{109}	17.2	X	145.05634	137.01092	218.29684	5.11907	0.2637488	0.27603410	2.3361150	21	1 21.0	20.7
187781 1998 SM_{112}	16.4	X	74.35702	228.53812	155.84203	6.55966	0.1964502	0.26993132	2.3711946	21	—	—
187782 1998 SB_{120}	16.5	X	303.16171	66.13900	191.33169	7.47304	0.1455130	0.28459717	2.2890169	21	2 10.9	19.6
187783 1998 SF_{120}	14.8	X	72.39598	287.84116	7.27446	12.48027	0.1587993	0.17477138	3.1682724	21	11 6.2	19.6
187784 1998 SL_{148}	16.5	X	71.64061	331.82476	49.47852	3.63002	0.1771062	0.27014416	2.3699490	21	—	—
187785 1998 SM_{159}	16.5	X	12.24894	345.02717	25.55605	6.89570	0.1416270	0.26104171	2.4247266	21	12 9.9	19.3
187786 1998 SB_{165}	16.6	X	125.69690	235.17701	115.34315	7.16982	0.2225082	0.27402309	2.3475307	21	—	—
187787 1998 SR_{168}	15.4	X	84.14587	224.70721	116.08740	7.08597	0.2852390	0.18203026	3.0834743	21	—	—
187788 1998 SA_{169}	16.3	X	114.87662	171.56154	159.00177	7.07808	0.1444343	0.26932455	2.3747547	21	—	—
187789 1998 UN_{31}	17.2	X	268.92564	108.29651	222.10883	20.14502	0.0922952	0.37410234	1.9075493	21	4 4.8	19.6
187790 1998 UH_{36}	15.0	X	25.57053	102.80423	245.28228	3.97385	0.1956667	0.17310185	3.1886112	21	11 19.6	19.0
187791 1998 VO_1	16.7	X	158.66737	175.28427	233.37247	18.89747	0.1107498	0.36708705	1.9317756	21	3 10.3	19.4
187792 1999 AV_3	15.8	X	157.57343	37.39905	84.36322	5.55148	0.1904593	0.23793859	2.5792461	21	7 9.3	20.0
187793 1999 BL_{10}	16.1	X	179.37086	351.70736	119.60503	5.12392	0.1962344	0.23946242	2.5682924	21	7 14.9	20.5
187794 1999 CM_{28}	15.9	X	126.86389	78.22538	66.70464	4.35748	0.1843465	0.23608429	2.5927342	21	7 9.9	19.9
187795 1999 CB_{97}	15.9	X	117.09085	0.25628	151.06229	5.64486	0.1143897	0.23475918	2.6024816	21	6 29.9	19.6
187796 1999 CS_{132}	16.4	X	11.94949	144.50450	131.89786	3.77052	0.0642804	0.23742692	2.5829504	21	7 15.1	19.2
187797 1999 CS_{133}	14.6	X	98.56482	101.68678	249.72060	10.63010	0.1729638	0.18001724	3.1064187	21	—	—
187798 1999 FW_{15}	16.0	X	38.89710	33.80575	152.04023	9.23375	0.2272681	0.22447095	2.6814063	21	5 10.7	18.6
187799 1999 FK_{16}	14.2	X	208.59989	4.42297	195.49256	17.38613	0.2833836	0.11140725	4.2775366	21	11 9.4	21.2
187800 1999 GZ_{13}	16.5	X	331.65228	80.03305	176.62287	2.15921	0.1493329	0.22462678	2.6801660	21	4 2.9	19.6
187801 1999 HZ_5	15.9	X	321.38274	298.99539	4.83082	11.78430	0.2764796	0.22735390	2.6586904	21	4 26.1	19.0
187802 1999 JU_2	16.1	X	358.57925	118.30935	115.96071	13.80678	0.2231452	0.22279939	2.6948011	21	4 20.8	18.9
187803 1999 JN_8	15.5	X	14.96238	203.41653	50.69238	35.59193	0.2613962	0.22740565	2.6582871	21	6 19.1	18.3
187804 1999 OB_2	14.5	X	206.31104	79.36471	236.07118	14.17229	0.2608271	0.20278378	2.8693304	21	1 27.8	19.9
187805 1999 RR_{32}	17.5	X	303.83114	203.41819	143.68101	1.55714	0.1777978	0.30893102	2.1671802	21	6 17.0	19.3
187806 1999 RB_{51}	15.9	X	298.60449	180.57788	145.27149	11.05585	0.3210683	0.21786771	2.7353158	21	4 26.0	19.9
187807 1999 RM_{189}	15.6	X	54.31007	186.01677	169.82487	10.30589	0.1750219	0.18737145	3.0245941	21	—	—
187808 1999 RA_{214}	17.1	X	315.00247	207.83428	154.87303	4.70180	0.1080935	0.31374873	2.1449379	21	8 16.3	18.7
187809 1999 TS_{16}	16.8	X	153.87411	201.48749	211.16667	5.35517	0.1481883	0.29355836	2.2421935	21	3 30.7	19.9
187810 1999 TC_{18}	15.6	X	22.76445	175.11154	186.79876	13.01305	0.1989583	0.18203812	3.0833855	21	12 6.4	19.6
187811 1999 TX_{77}	15.8	X	68.60782	107.50444	206.16016	7.48913	0.2182951	0.18159021	3.0884537	21	12 6.4	20.5
187812 1999 TU_{131}	16.0	X	34.38821	192.74323	198.24876	3.87602	0.1786611	0.18718165	3.0266384	21	—	—
187813 1999 TR_{154}	15.9	X	71.46465	233.75252	128.39637	1.51448	0.2302207	0.18777760	3.0202312	21	—	—
187814 1999 TL_{159}	17.0	X	210.15503	181.14418	208.14126	4.63041	0.1326920	0.30061307	2.2069753	21	4 27.1	20.0
187815 1999 TH_{164}	15.1	X	150.80355	85.59558	219.62756	10.08181	0.1049976	0.19200518	2.9757338	21	—	—
187816 1999 TL_{177}	15.3	X	37.63847	132.91527	209.90676	10.82962	0.0598191	0.18088852	3.0964356	21	11 13.7	19.5
187817 1999 TP_{225}	17.5	X	11.48964	228.66687	206.42702	3.06247	0.1423860	0.28094341	2.3088204	21	—	—
187818 1999 TA_{229}	17.0	X	226.06432	244.02846	136.27712	3.91806	0.2267313	0.30079137	2.2061031	21	4 28.9	20.5
187819 1999 TD_{244}	18.0	X	286.26998	175.24637	194.71362	2.71376	0.1511038	0.30816939	2.1707495	21	6 28.5	20.2
187820 1999 TP_{253}	15.4	X	80.73289	100.80966	225.85926	14.40930	0.0328264	0.18632386	3.0359206	21	12 12.7	19.8
187821 1999 TS_{260}	15.3	X	221.24334	241.78558	232.73200	5.26267	0.1174800	0.17218564	3.1999125	21	8 26.8	20.2
187822 1999 UH_7	15.0	X	293.68657	102.92392	355.78087	21.93408	0.2867344	0.26711506	2.3878322	21	10 20.4	17.4
187823 1999 UK_{16}	16.8	X	312.77596	311.52943	29.99039	5.05878	0.2052173	0.30757738	2.1735341	21	6 19.1	18.6
187824 1999 UH_{32}	15.4	X	95.74676	227.29946	38.59815	13.46218	0.0869176	0.17891193	3.1191997	21	10 24.6	19.9
187825 1999 UP_{32}	16.1	X	17.45987	320.18876	46.12012	5.93971	0.1504661	0.18101590	3.0949827	21	11 25.2	19.8
187826 1999 US_{32}	15.7	X	118.67291	44.14659	269.58694	0.60765	0.0908862	0.18808211	3.0169704	21	—	—
187827 1999 UW_{33}	17.1	X	258.24346	145.60623	215.33598	5.69253	0.1054900	0.30202723	2.2000809	21	5 14.9	20.0
187828 1999 VX_{21}	17.1	X	280.19534	161.59434	208.92813	3.56396	0.2478224	0.30544575	2.1836347	21	6 5.1	19.7
187829 1999 VT_{58}	15.4	X	82.04562	311.06043	55.83192	4.09058	0.3409541	0.18873731	3.0099842	21	—	—
187830 1999 VG_{61}	17.4	X	340.67539	108.70802	208.92663	3.13102	0.2019792	0.30823436	2.1704445	21	7 14.9	18.6
187831 1999 VC_{95}	15.8	X	37.55097	152.62070	209.85949	4.96115	0.1452805	0.18378865	3.0637754	21	12 19.1	20.0
187832 1999 VU_{95}	15.1	X	28.92695	163.27614	211.39846	8.40795	0.0607917	0.18377116	3.0639698	21	12 11.4	19.4
187833 1999 VO_{105}	14.9	X	50.61907	76.09606	237.13328	9.81887	0.0437995	0.17632350	3.1496521	21	10 19.3	19.4
187834 1999 VM_{121}	15.7	X	339.13592	339.16043	32.57385	5.18510	0.1305621	0.17642960	3.1483892	21	9 28.5	19.4
187835 1999 VH_{134}	15.0	X	107.85644	72.03456	231.59156	8.07312	0.1284911	0.18458006	3.0550116	21	12 23.2	19.8
187836 1999 VM_{147}	15.1	X	344.77114	165.50740	214.97939	8.57910	0.1054242	0.17701671	3.1414239	21	10 17.5	18.9
187837 1999 VQ_{153}	17.3	X	16.53356	236.71477	209.05781	3.71802	0.0287476	0.27889933	2.3200877	21	—	—
187838 1999 VT_{165}	16.7	X	330.30143	60.01115	254.01453	6.22725	0.2158226	0.30569538	2.1824458	21	6 8.1	17.9
187839 1999 VD_{184}	15.0	X	11.55792	142.58075	214.99291	9.99002	0.1752021	0.17902512	3.1178848	21	11 8.2	18.6
187840 1999 VF_{188}	17.2	X	41.48339	9.01012	86.50793	5.56289	0.1901735	0.28225867	2.3016424	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187841 1999 VF_{208}	16.2	X	92.95028	229.62470	132.85541	1.93154	0.2067614	0.18914593	3.0056475	21	—	—
187842 1999 VJ_{225}	15.5	X	298.97297	232.13219	189.88284	11.52637	0.2433928	0.17342177	3.1846886	21	9 7.9	19.5
187843 1999 XN_{50}	14.9	X	19.01963	133.34053	234.36079	9.47628	0.0635522	0.17866718	3.1220477	21	11 18.9	19.1
187844 1999 XP_{53}	17.1	X	136.97535	320.74733	83.63144	4.40370	0.1139614	0.28904949	2.2654505	21	2 27.2	19.9
187845 1999 XW_{109}	15.5	X	17.60484	304.18048	90.38329	6.79949	0.2196243	0.18252037	3.0779519	21	—	—
187846 1999 XK_{135}	16.5	X	248.49056	258.82102	111.03178	4.71130	0.2359190	0.29976469	2.2111374	21	5 4.8	20.0
187847 1999 XM_{138}	14.8	X	158.40982	316.81895	230.18211	26.43225	0.1773456	0.17299687	3.1899012	21	9 18.1	20.5
187848 1999 XC_{246}	16.5	X	144.46562	170.82711	208.23032	9.50874	0.2116694	0.28727191	2.2747863	21	2 9.9	19.9
187849 1999 XM_{248}	16.8	X	104.76493	218.70183	203.13766	6.70429	0.2005342	0.28628725	2.2799993	21	2 16.6	19.3
187850 2000 AB_{48}	16.6	X	326.69803	20.84020	102.26562	10.55589	0.1542864	0.27340019	2.3510950	21	—	—
187851 2000 AG_{151}	16.9	X	105.88134	276.74217	122.57396	6.22008	0.1544879	0.28037978	2.3119135	21	1 13.4	19.3
187852 2000 AA_{170}	17.2	X	180.74200	253.82063	138.27941	7.87141	0.2877111	0.29436324	2.2381043	21	4 10.3	21.2
187853 2000 AA_{225}	14.7	X	13.74422	252.99233	110.04063	13.37884	0.2023993	0.17329590	3.1862305	21	11 24.4	18.6
187854 2000 AS_{253}	17.8	X	326.76936	356.16056	115.32096	1.98527	0.1450672	0.27091061	2.3654769	21	—	—
187855 2000 GP_{4}	17.1	X	349.34187	187.31296	33.29465	21.28735	0.0537280	0.37198681	1.9147747	21	3 11.9	19.3
187856 2000 GL_{155}	16.8	X	94.43475	317.50301	199.13747	8.43304	0.1037674	0.24025848	2.5626162	21	6 7.6	20.2
187857 2000 HA_{5}	17.2	X	97.67767	276.15360	215.33303	20.04328	0.0836558	0.37492241	1.9047667	21	4 19.5	18.6
187858 2000 HA_{31}	15.7	X	155.25405	110.84441	102.11325	14.81236	0.1282283	0.25226767	2.4806281	21	11 5.5	19.8
187859 2000 HL_{69}	17.2	X	305.85463	76.51696	222.75821	20.46350	0.0827031	0.37510230	1.9041576	21	4 13.1	19.1
187860 2000 JM_{10}	16.8	X	315.97149	324.74056	237.69362	19.10384	0.0630402	0.36422962	1.9418658	21	—	—
187861 2000 KG_{17}	16.6	X	347.04818	75.61702	237.01254	3.62191	0.2020492	0.23825190	2.5769845	21	7 20.6	18.7
187862 2000 LW_{14}	15.1	X	336.37795	247.37875	94.81314	29.02611	0.2277960	0.23583605	2.5945532	21	8 16.9	17.9
187863 2000 LW_{25}	14.7	X	334.23673	65.81201	252.61437	29.21700	0.3087819	0.23166118	2.6256321	21	6 11.2	16.8
187864 2000 NE_{6}	17.0	X	20.67581	76.36766	186.51741	3.46141	0.1666471	0.23426578	2.6061344	21	7 18.2	19.5
187865 2000 OG_{56}	16.2	X	39.84836	356.73998	331.16615	13.06631	0.2751012	0.24193903	2.5507355	21	12 8.4	19.9
187866 2000 OV_{59}	16.2	X	303.91138	84.44669	254.19282	2.53468	0.2274459	0.23017463	2.6369248	21	5 29.8	19.3
187867 2000 OJ_{60}	16.3	X	318.87183	207.58173	139.45855	5.32823	0.3000295	0.23245255	2.6196695	21	6 24.3	19.0
187868 2000 PA_{10}	16.4	X	62.72514	223.12694	110.08858	10.07031	0.2747657	0.24433580	2.5340275	21	—	—
187869 2000 QH_{51}	15.6	X	229.51798	212.43790	160.48965	14.64710	0.1240135	0.22274649	2.6952277	21	5 5.3	20.0
187870 2000 QH_{62}	15.9	X	325.80638	196.02673	131.94306	10.53564	0.2243637	0.23061927	2.6335343	21	6 23.7	18.7
187871 2000 QC_{64}	15.4	X	167.78747	296.00903	101.07926	8.44090	0.2863942	0.21515712	2.7582412	21	4 12.9	20.4
187872 2000 QB_{70}	15.7	X	49.73191	353.75636	338.19357	12.54335	0.2882502	0.24247070	2.5470054	21	12 28.3	19.7
187873 2000 QN_{78}	15.9	X	278.02973	139.41966	214.00667	1.43279	0.2201352	0.22660976	2.6645077	21	5 17.5	19.6
187874 2000 QH_{91}	16.4	X	349.69581	59.65587	250.34583	2.66126	0.2860852	0.23254805	2.6189523	21	7 19.2	17.8
187875 2000 QX_{91}	16.4	X	220.47317	202.14637	164.80785	7.09733	0.1792775	0.22053624	2.7132058	21	4 14.5	20.9
187876 2000 QT_{104}	15.7	X	257.67054	197.89432	157.04837	15.05880	0.2697879	0.22307138	2.6926102	21	4 28.2	20.4
187877 2000 QG_{117}	15.3	X	353.04065	132.21079	187.67608	31.64263	0.2725607	0.23218242	2.6217010	21	8 14.0	17.9
187878 2000 QL_{120}	15.7	X	314.88722	138.44715	195.93458	6.12410	0.1974180	0.22909739	2.6451844	21	6 16.3	18.7
187879 2000 QQ_{169}	16.2	X	348.33596	71.69850	223.28000	4.49506	0.1928485	0.23035778	2.6355269	21	6 25.8	18.5
187880 2000 QK_{176}	15.9	X	134.03547	181.60505	185.86347	8.93289	0.1500745	0.20859857	2.8157569	21	1 22.1	20.2
187881 2000 QY_{211}	16.4	X	200.10572	166.55630	189.34303	3.18188	0.2044671	0.21657562	2.7461843	21	3 13.1	21.1
187882 2000 QW_{230}	16.5	X	24.25285	178.51087	157.19839	3.75782	0.2591455	0.23815847	2.5776584	21	11 26.6	19.4
187883 2000 RW	16.7	X	352.68722	142.26761	176.51556	14.13426	0.2910161	0.23308545	2.6149252	21	8 13.3	18.5
187884 2000 RS_{42}	15.4	X	54.92838	28.69160	272.89029	5.63604	0.3082030	0.23939879	2.5687475	21	11 26.5	19.2
187885 2000 RS_{53}	15.0	X	27.45061	100.63256	217.62136	11.72628	0.1830355	0.23702818	2.5858464	21	10 24.5	17.8
187886 2000 RV_{53}	14.9	X	295.56342	124.34474	278.36180	10.72096	0.2958879	0.22890730	2.6466486	21	8 1.2	18.2
187887 2000 RW_{64}	15.9	X	332.39361	330.55609	317.76498	12.53146	0.2484036	0.22778111	2.6553651	21	4 26.0	18.9
187888 2000 RV_{73}	15.6	X	176.02690	174.31294	193.26531	14.40095	0.2007057	0.21153680	2.7896224	21	3 6.0	20.5
187889 2000 SV_{5}	16.0	X	4.43467	59.64084	282.05935	9.54985	0.1567688	0.23577778	2.5949807	21	10 7.6	18.9
187890 2000 SW_{41}	16.0	X	235.57470	180.24272	163.09982	9.87384	0.1799796	0.21823757	2.7322244	21	3 30.2	20.4
187891 2000 ST_{46}	15.4	X	237.31714	149.36774	214.84731	13.66457	0.1379031	0.22343664	2.6896749	21	4 27.3	19.4
187892 2000 SD_{59}	15.5	X	171.28517	172.46344	190.58650	8.19293	0.1773266	0.21221084	2.7837123	21	2 23.9	20.2
187893 2000 SF_{85}	15.6	X	63.11266	275.45219	41.28879	12.31222	0.2745106	0.24106492	2.5568978	21	12 18.4	19.7
187894 2000 SF_{142}	15.5	X	158.50438	188.03108	211.56908	9.29940	0.1614661	0.21302014	2.7766572	21	3 27.1	19.9
187895 2000 SJ_{165}	15.2	X	212.77411	141.14742	228.28147	13.36680	0.1707042	0.21823762	2.7322240	21	4 6.9	19.8
187896 2000 SJ_{189}	15.4	X	203.57898	154.72263	222.46534	13.72820	0.1165209	0.21791635	2.7349087	21	4 9.4	19.7
187897 2000 SM_{198}	15.7	X	274.72338	294.49706	1.53446	13.02658	0.1220881	0.21878911	2.7276308	21	3 15.5	19.7
187898 2000 ST_{213}	15.9	X	165.37370	248.20391	142.96976	10.12480	0.2280396	0.21265127	2.7798673	21	3 31.7	20.7
187899 2000 SU_{261}	16.1	X	335.19603	141.16727	183.66507	13.74750	0.2873003	0.22941944	2.6427084	21	6 29.1	18.6
187900 2000 SR_{265}	16.1	X	176.79566	262.86875	116.72388	5.91808	0.1863343	0.21348040	2.7726649	21	3 24.9	20.7
187901 2000 SB_{317}	15.6	X	300.28186	22.02315	279.08547	11.53807	0.1615609	0.22352420	2.6889724	21	4 8.9	19.5
187902 2000 SJ_{339}	15.0	X	184.26738	269.12136	124.01850	14.70573	0.2800142	0.21416367	2.7667644	21	4 21.8	20.2
187903 2000 SN_{341}	16.2	X	211.87412	206.11957	161.33496	13.60968	0.1697607	0.21933280	2.7231213	21	4 9.1	20.8
187904 2000 SM_{363}	15.4	X	174.47069	212.64556	192.88493	11.28988	0.0870885	0.21925352	2.7237777	21	4 17.0	19.4
187905 2000 TR_{23}	16.1	X	146.73796	211.42354	161.16225	10.39851	0.2113799	0.20843934	2.8171908	21	2 17.5	20.5
187906 2000 TZ_{49}	15.6	X	22.72820	238.96850	47.48762	14.69690	0.2649037	0.23205968	2.6226253	21	9 22.5	18.4
187907 2000 UH_{37}	16.5	X	312.22995	174.80985	167.51570	2.71450	0.3400199	0.22831069	2.6512574	21	5 29.1	19.4
187908 2000 UD_{62}	15.5	X	7.02760	198.99643	230.85336	12.18552	0.1632264	0.19483636	2.9468365	21	—	—
187909 2000 UG_{65}	15.7	X	236.41252	95.74664	240.61266	7.36018	0.1256097	0.21607865	2.7503934	21	3 21.1	20.1
187910 2000 UN_{70}	16.4	X	15.40003	75.98474	267.70111	2.87915	0.3025999	0.23635633	2.5907443	21	11 29.0	19.0
187911 2000 UU_{84}	15.1	X	292.09323	318.89035	56.64555	11.39733	0.1124615	0.17921418	3.1156916	21	7 23.3	19.5
187912 2000 VS_{38}	15.3	X	222.92980	266.14349	222.53907	13.53102	0.2513304	0.17921881	3.1156380	21	9 1.4	20.8
187913 2000 VM_{39}	15.6	X	77.48116	171.16265	222.92395	9.92985	0.1404717	0.20110133	2.8853118	21	—	—
187914 2000 VD_{43}	16.3	X	2.90003	78.49133	260.19651	3.08154	0.2641337	0.23340822	2.6125140	21	10 17.7	18.4
187915 2000 VU_{54}	14.3	X	125.70734	127.51725	44.31198	27.61026	0.1743067	0.17190650	3.2033755	21	8 23.4	19.9
187916 2000 VY_{57}	15.2	X	356.19101	94.37337	256.71695	11.39599	0.2637221	0.23188720	2.6239257	21	10 16.6	17.4
187917 2000 WH_{9}	16.0	X	179.17617	292.84069	79.55111	8.59983	0.2373157	0.20985803	2.8044799	21	3 22.3	21.0
187918 2000 WD_{108}	15.4	X	213.74519	35.98520	46.12949	16.77235	0.2185292	0.17282038	3.1920725	21	7 7.7	21.0
187919 2000 WR_{124}	15.0	X	348.15385	271.52244	67.35257	28.95453	0.3476337	0.22973604	2.6402799	21	10 9.5	17.4
187920 2000 XF_{41}	15.4	X	323.91733	0.52025	355.64363	14.48046	0.1820353	0.22747621	2.6577373	21	8 14.3	18.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
187921 2000 YT_3	16.1	X	349.31058	328.61025	73.40899	3.43458	0.1035078	0.18598909	3.0395625	21	11 23.9	19.6
187922 2000 YD_{57}	15.5	X	283.21542	326.48272	89.15965	3.43387	0.1585178	0.17652185	3.1472922	21	8 24.2	19.6
187923 2000 YF_{97}	15.1	X	313.94881	318.66953	113.66864	14.25112	0.1496611	0.18168361	3.0873951	21	11 8.4	19.0
187924 2000 YA_{100}	17.3	X	148.59050	17.84958	105.30197	3.26315	0.1021070	0.30930078	2.1654527	21	6 26.8	20.0
187925 2001 AN_{51}	15.6	X	332.09224	297.74634	116.42599	7.60543	0.1880606	0.18251938	3.0779629	21	11 12.8	18.9
187926 2001 BH_{31}	16.6	X	110.82308	347.80320	153.35957	4.17351	0.0952843	0.30494400	2.1860293	21	6 4.2	19.3
187927 2001 BK_{39}	15.9	X	257.44700	127.64350	226.91203	4.91971	0.0276074	0.21785297	2.7354392	21	5 20.5	19.6
187928 2001 CT_{15}	16.9	X	75.54270	151.93302	27.16461	2.57945	0.0762198	0.30480933	2.1866732	21	6 3.8	19.2
187929 2001 CD_{24}	15.0	X	349.92211	271.32562	140.41097	12.14951	0.1166787	0.18310277	3.0714217	21	12 9.2	18.9
187930 2001 DY_{43}	14.6	X	358.72646	218.02767	158.05634	17.54437	0.0969455	0.17587284	3.1550303	21	11 7.7	18.9
187931 2001 DN_{107}	16.7	X	8.43522	90.51656	118.55653	7.02450	0.0227940	0.29946624	2.2126062	21	3 31.4	19.2
187932 2001 EX_{23}	16.8	X	350.09218	64.40133	160.95836	5.11118	0.1344293	0.29562207	2.2317462	21	3 9.4	18.6
187933 2001 ES_{27}	16.9	X	123.54359	297.43162	190.79225	3.64290	0.0340625	0.30238685	2.1983362	21	5 24.6	19.5
187934 2001 FU_{17}	16.8	X	21.61603	357.71290	199.36421	6.61748	0.0643502	0.29541699	2.2327790	21	3 29.0	18.8
187935 2001 FO_{88}	17.4	X	127.71533	283.98454	170.34756	3.50529	0.0502682	0.29671347	2.2262702	21	4 13.9	20.0
187936 2001 FL_{124}	16.6	X	137.00507	10.30909	73.71650	4.17650	0.0962622	0.29977454	2.2110890	21	4 18.8	19.3
187937 2001 FW_{131}	17.7	X	351.73864	68.06365	119.23286	1.74381	0.1368695	0.29101561	2.2552353	21	1 15.0	20.1
187938 2001 FM_{149}	16.8	X	286.60665	70.14956	152.25196	6.37373	0.1000830	0.28467711	2.2885884	21	—	—
187939 2001 FP_{156}	16.8	X	0.96267	41.06984	132.11198	7.59560	0.1721736	0.29069044	2.2569168	21	1 3.9	19.1
187940 2001 GG_1	17.4	X	44.94288	70.81202	21.02729	3.07136	0.1340502	0.28743720	2.2739141	21	—	—
187941 2001 GU_3	16.7	X	245.07459	151.80869	131.97762	6.10751	0.1664334	0.28494951	2.2871296	21	1 15.8	20.4
187942 2001 KF_3	17.0	X	219.10918	51.81448	217.01973	3.34363	0.1339526	0.27819815	2.3239845	21	—	—
187943 2001 KO_{33}	16.9	X	250.88943	127.60179	139.97894	2.50353	0.2021672	0.28201656	2.3029595	21	—	—
187944 2001 KU_{37}	16.3	X	240.11147	157.76117	112.33361	11.01956	0.1546482	0.28062958	2.3105414	21	—	—
187945 2001 KJ_{43}	16.7	X	277.94456	91.71370	156.18992	6.30536	0.1081600	0.28413322	2.2915080	21	1 6.6	19.9
187946 2001 KC_{66}	17.1	X	273.78900	133.09966	139.54375	7.59603	0.2173654	0.28575175	2.2828469	21	1 24.7	20.8
187947 2001 KM_{67}	16.6	X	299.57234	322.20093	223.55824	9.81973	0.0293920	0.27873694	2.3209887	21	—	—
187948 2001 KV_{70}	16.4	X	235.68393	17.69328	247.91517	6.20147	0.1072655	0.28010560	2.3134220	21	—	—
187949 2001 KX_{74}	17.1	X	272.00976	38.72146	214.54662	5.20561	0.1407144	0.28407464	2.2918230	21	1 4.4	20.6
187950 2001 MO_{11}	16.0	X	209.84679	127.32214	197.80552	7.68657	0.2375148	0.27521395	2.3407539	21	2 4.9	20.2
187951 2001 NL	16.4	X	200.14820	334.38551	302.20459	8.15833	0.2363483	0.27507166	2.3415611	21	—	—
187952 2001 OL_2	16.5	X	156.43667	136.45757	181.16852	14.06397	0.2078911	0.26926199	2.3751225	21	—	—
187953 2001 OB_8	16.6	X	150.12474	127.56886	262.98069	3.84047	0.2272544	0.27419533	2.3465475	21	3 6.8	20.3
187954 2001 OV_9	17.1	X	127.78041	265.52128	74.50950	2.26626	0.1998930	0.26848999	2.3796732	21	—	—
187955 2001 OV_{33}	16.8	X	167.66397	200.53092	82.00985	5.87953	0.2238754	0.26770358	2.3843313	21	—	—
187956 2001 OA_{49}	15.6	X	145.91738	328.15041	313.40110	10.94992	0.2025034	0.26262389	2.4149783	21	—	—
187957 2001 OA_{57}	16.5	X	152.50859	210.22772	116.04693	3.55598	0.2081865	0.26928879	2.3749649	21	—	—
187958 2001 OR_{66}	15.5	X	258.39422	147.68883	258.25609	21.21214	0.0343938	0.24114921	2.5563020	21	7 22.2	19.3
187959 2001 OW_{66}	16.9	X	58.53516	216.60281	144.00249	1.77987	0.1902675	0.25950244	2.4343056	21	—	—
187960 2001 PM	17.0	X	272.00376	95.40723	176.66201	1.40139	0.2151943	0.28208017	2.3026133	21	1 23.2	20.7
187961 2001 PL_2	16.2	X	112.93198	52.41076	270.46056	5.20222	0.1401872	0.26303976	2.4124322	21	—	—
187962 2001 PB_{36}	17.3	X	112.37029	135.86313	206.38733	8.94437	0.2434522	0.26431347	2.4046757	21	—	—
187963 2001 PK_{36}	15.8	X	236.98293	5.90146	252.44567	10.28862	0.2357062	0.27260300	2.3556764	21	—	—
187964 2001 PM_{51}	16.7	X	176.12009	128.02856	151.44191	4.17838	0.1343890	0.26728411	2.3868252	21	—	—
187965 2001 QU_{36}	16.5	X	196.26569	105.72174	279.33363	2.26194	0.2470515	0.28093924	2.3088432	21	4 8.9	20.4
187966 2001 QQ_{37}	17.0	X	184.27243	126.25260	158.70593	2.66374	0.1783520	0.26985917	2.3716172	21	—	—
187967 2001 QA_{41}	17.4	X	80.70268	245.14170	110.59285	2.40307	0.2043101	0.26256964	2.4153109	21	—	—
187968 2001 QC_{42}	17.0	X	68.92221	223.21871	147.49496	3.43825	0.2297817	0.26187257	2.4195952	21	—	—
187969 2001 QS_{59}	16.6	X	109.67361	207.19219	120.56360	7.28848	0.1576675	0.26322497	2.4113004	21	—	—
187970 2001 QP_{66}	16.5	X	126.23727	46.44066	243.35818	4.18604	0.1985662	0.26088053	2.4257252	21	—	—
187971 2001 QB_{85}	16.7	X	260.38016	160.04169	101.44518	4.70138	0.1840624	0.27749438	2.3279122	21	1 2.9	20.4
187972 2001 QL_{103}	16.6	X	120.90278	343.20288	334.25484	7.72178	0.1649158	0.26378961	2.4078583	21	—	—
187973 2001 QP_{112}	16.9	X	56.48297	99.29817	195.28670	11.23074	0.1881918	0.25201551	2.4822825	21	11 7.6	20.2
187974 2001 QV_{118}	16.3	X	338.14979	178.52777	203.19596	12.59319	0.1759307	0.24680970	2.5170658	21	10 23.4	18.2
187975 2001 QQ_{155}	16.6	X	123.11356	64.64308	273.74752	3.26736	0.1990838	0.26514617	2.3996384	21	—	—
187976 2001 QK_{169}	16.4	X	285.84611	319.19933	39.68244	4.89624	0.1259100	0.24193906	2.5507353	21	6 16.9	19.6
187977 2001 QX_{205}	17.3	X	240.62734	348.42976	295.33519	1.80245	0.1543903	0.27576587	2.3376296	21	1 13.8	21.0
187978 2001 QT_{218}	16.4	X	48.37030	200.78289	159.09674	15.04467	0.1422227	0.25704716	2.4497824	21	—	—
187979 2001 QK_{234}	16.9	X	138.86027	151.70239	165.68532	4.05838	0.2133840	0.26475536	2.4019993	21	—	—
187980 2001 QP_{288}	15.5	X	171.70141	233.30202	242.17025	12.46790	0.1433989	0.23737890	2.5832988	21	7 10.6	19.8
187981 Soluri	16.9	X	172.10279	65.72453	32.50370	0.82495	0.1083655	0.23639153	2.5904872	21	6 20.4	20.8
187982 2001 QR_{333}	15.9	X	263.78717	285.31137	110.10037	13.71360	0.1933066	0.23647168	2.5899018	21	6 28.9	19.6
187983 2001 RM_4	16.5	X	10.96277	193.21808	190.86872	6.28456	0.1200369	0.25492686	2.4633473	21	12 22.6	19.4
187984 2001 RO_8	16.7	X	270.75529	208.08793	183.04797	3.89694	0.1855561	0.24031812	2.5621922	21	7 2.0	20.3
187985 2001 RT_{37}	17.8	X	114.82772	85.21948	241.97755	2.87059	0.2587634	0.26367851	2.4085346	21	—	—
187986 2001 RC_{39}	16.6	X	110.54895	53.27598	225.02367	6.47017	0.1218917	0.25763730	2.4460400	21	12 7.3	20.3
187987 2001 RJ_{43}	17.3	X	123.00153	174.50233	128.68745	3.22960	0.1775273	0.26091290	2.4255246	21	—	—
187988 2001 RM_{79}	16.4	X	76.10924	149.74510	201.61157	12.25121	0.2541659	0.25717544	2.4489677	21	—	—
187989 2001 RF_{101}	17.2	X	49.55231	258.38572	96.34657	3.51804	0.1948772	0.25656545	2.4528478	21	—	—
187990 2001 RT_{123}	15.7	X	131.68015	195.83819	3.15496	8.41572	0.0749294	0.24594723	2.5229468	21	9 16.4	19.2
187991 2001 RJ_{153}	16.6	X	211.51615	181.31809	116.07842	6.52635	0.2036935	0.27214827	2.3582997	21	1 5.9	20.6
187992 2001 SA_{42}	17.3	X	77.05395	320.74981	8.03276	2.42240	0.2140561	0.25671222	2.4519128	21	—	—
187993 2001 SZ_{55}	16.7	X	100.38598	292.17696	104.40328	5.55066	0.2330909	0.26399359	2.4066178	21	1 18.8	19.0
187994 2001 SZ_{63}	16.0	X	301.83914	148.26751	191.45196	9.89430	0.1163805	0.23655405	2.5893005	21	6 15.8	19.3
187995 2001 SO_{151}	16.0	X	198.98182	226.89815	194.15369	16.94846	0.1878410	0.23176010	2.6248850	21	5 31.1	20.6
187996 2001 SU_{152}	17.2	X	199.53317	34.34279	278.48776	1.77900	0.2361521	0.27159409	2.3615066	21	1 15.8	21.3
187997 2001 SC_{161}	16.4	X	289.33011	206.80180	193.24603	13.22318	0.1505108	0.24218388	2.5490160	21	8 12.4	19.8
187998 2001 SO_{175}	16.3	X	301.03425	293.69968	97.82821	4.79271	0.0856669	0.24336060	2.5407926	21	9 4.4	19.2
187999 2001 SY_{201}	17.5	X	210.75247	124.49088	163.40510	1.62172	0.1950788	0.27108134	2.3644835	21	—	—
188000 2001 SR_{204}	16.9	X	287.78825	229.75216	155.51930	5.13303	0.1213558	0.24174825	2.5520773	21	7 27.7	20.0