Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208001 1998 HE_{140}	16.5	X	53.84489	129.86292	77.45662	6.44881	0.1015400	0.26132533	2.4229719	21	6 17.3	19.0
208002 1998 MT_{43}	15.9	X	244.37040	114.90920	108.55825	14.11560	0.1312164	0.23703771	2.5857771	21	—	—
208003 1998 OJ_{11}	17.2	X	336.54129	199.71018	154.04941	5.73269	0.1925001	0.30094413	2.2053565	21	9 14.2	18.1
208004 1998 OO_{13}	15.8	X	211.20020	197.98830	140.91263	7.54494	0.1614252	0.24147645	2.5539920	21	2 28.9	19.9
208005 1998 QO_{5}	15.4	X	140.74707	208.07759	170.87708	29.37632	0.1264619	0.23651883	2.5895576	21	2 4.9	19.5
208006 1998 QW_{76}	15.8	X	174.81199	1.69701	325.49509	15.19536	0.1677883	0.23456420	2.6039235	21	1 16.6	20.0
208007 1998 QD_{91}	15.6	X	118.21176	208.18281	167.61092	13.20439	0.3023823	0.23089644	2.6314263	21	1 30.7	19.5
208008 1998 RR_{27}	16.4	X	231.91935	107.68851	220.50303	5.36140	0.1452074	0.24216697	2.5491346	21	3 3.9	20.5
208009 1998 SH_{42}	16.2	X	16.29200	244.54887	167.65176	8.84340	0.2848264	0.22262289	2.6962253	21	—	—
208010 1998 SB_{61}	15.9	X	20.93730	213.19797	173.62484	9.32778	0.2334750	0.22053328	2.7132301	21	—	—
208011 1998 SV_{85}	15.7	X	114.54065	203.37681	181.67489	15.15152	0.1180621	0.23212465	2.6221359	21	1 11.2	19.4
208012 1998 SX_{87}	15.4	X	358.14346	330.71526	356.34599	8.96188	0.2026645	0.21308689	2.7760773	21	9 9.5	17.9
208013 1998 SY_{119}	16.5	X	72.06005	23.76967	16.88080	3.92053	0.1748688	0.22794773	2.6540710	21	—	—
208014 1998 SH_{154}	16.1	X	27.49581	233.67598	178.33217	13.81791	0.0970942	0.22408835	2.6844575	21	—	—
208015 1998 SM_{160}	14.6	X	330.41586	192.49375	168.28463	11.44712	0.3355295	0.12467574	3.9683937	21	7 30.1	18.8
208016 1998 TK_{11}	16.1	X	274.30041	289.46391	217.43826	4.38385	0.1022197	0.21948914	2.7218281	21	12 20.6	19.6
208017 1998 TX_{20}	16.2	X	266.65419	88.33106	23.78388	9.38606	0.1513723	0.21363553	2.7713225	21	10 17.3	19.8
208018 1998 TS_{28}	16.3	X	247.71252	200.76122	29.24110	10.40541	0.0789674	0.22722267	2.6597141	21	—	—
208019 1998 UL_{13}	17.0	X	35.47245	233.86944	194.16638	2.47301	0.1099776	0.22614611	2.6681483	21	—	—
208020 1998 UN_{13}	16.4	X	313.51647	46.02420	22.51181	6.45213	0.1020421	0.25970139	2.4330621	21	11 15.4	18.9
208021 1998 WU_{41}	15.9	X	54.21782	315.03458	61.36323	8.49903	0.2344191	0.22114101	2.7082569	21	—	—
208022 1998 XG_{19}	16.0	X	114.14854	213.23627	73.90156	2.98716	0.0264377	0.21626173	2.7488409	21	12 8.9	19.9
208023 1999 AQ_{10}	20.5	X	163.12409	300.49230	327.08725	6.49845	0.2357290	1.09111629	0.9344485	21	—	—
208024 1999 AF_{18}	17.3	X	143.42844	316.17586	306.76538	4.31304	0.1434927	0.29554347	2.2321419	21	12 26.3	20.6
208025 1999 FQ_{16}	16.4	X	186.86695	255.12333	213.37572	0.63421	0.1027512	0.19269480	2.9686298	21	7 18.9	20.9
208026 1999 JD_{74}	16.8	X	148.20682	149.31917	106.64354	5.15779	0.1293543	0.28829772	2.2693871	21	12 21.3	20.2
208027 1999 JQ_{77}	16.8	X	127.46754	180.41219	102.23028	5.92415	0.3175104	0.28594037	2.2818429	21	—	—
208028 1999 JY_{119}	17.2	X	63.04850	154.99930	107.33917	5.55669	0.2198231	0.27682958	2.3316376	21	10 13.1	20.3
208029 1999 LJ_{2}	15.8	X	72.07420	105.23668	158.69799	12.11003	0.3145011	0.18999258	2.9967116	21	10 27.2	20.6
208030 1999 LS_{33}	16.6	X	112.26144	70.98130	213.59311	3.70940	0.1829434	0.28501993	2.2867528	21	12 23.0	20.1
208031 1999 NE_{23}	17.0	X	344.37417	75.09324	263.66202	2.85536	0.2027183	0.31566918	2.1362296	21	9 7.6	17.9
208032 1999 NH_{30}	16.1	X	151.73611	186.89208	111.11635	4.83999	0.2357754	0.24335165	2.5408548	21	—	—
208033 1999 QR	16.3	X	314.65745	201.36933	155.72185	7.73016	0.1389091	0.26683526	2.3895011	21	7 29.2	18.7
208034 1999 RT_{28}	15.8	X	83.64399	14.12815	7.85457	14.14138	0.1782577	0.23805192	2.5784275	21	—	—
208035 1999 RV_{34}	16.7	X	344.26079	307.65530	6.81000	4.12266	0.2351124	0.26484093	2.4014819	21	7 17.3	18.1
208036 1999 RR_{43}	16.7	X	150.74858	325.29665	49.88088	6.50985	0.2025468	0.24594176	2.5229842	21	2 22.6	20.6
208037 1999 RB_{49}	14.6	X	342.81129	308.49451	322.82584	25.81320	0.2242459	0.17501427	3.1653403	21	4 24.7	18.8
208038 1999 RL_{81}	16.5	X	180.36771	199.42967	174.56503	6.62817	0.1386884	0.25080254	2.4902795	21	3 12.8	20.3
208039 1999 RV_{113}	16.2	X	315.76810	320.60438	317.77192	15.88745	0.1687780	0.25940412	2.4349206	21	3 21.9	19.5
208040 1999 RS_{137}	16.6	X	38.19075	146.18814	166.30527	3.39525	0.1830065	0.27349781	2.3505355	21	11 10.0	19.4
208041 1999 RE_{166}	16.5	X	6.87576	310.86113	17.19822	3.28549	0.1916263	0.27037121	2.3686220	21	10 9.0	18.4
208042 1999 RR_{185}	16.5	X	311.94121	347.71300	344.84352	6.49531	0.1301361	0.26354403	2.4093539	21	6 18.4	19.2
208043 1999 RW_{190}	16.7	X	347.78927	244.49061	170.07836	2.05420	0.2072685	0.22992009	2.6388707	21	12 29.3	19.2
208044 1999 RE_{218}	16.0	X	124.36220	73.02288	250.82235	1.27076	0.2011336	0.24088697	2.5581569	21	—	—
208045 1999 RT_{222}	16.3	X	36.92805	84.37051	231.42062	2.90908	0.1633051	0.27417127	2.3466848	21	11 8.4	19.0
208046 1999 TC_{55}	17.1	X	106.38619	72.33126	353.23816	1.04599	0.2144898	0.24384931	2.5373967	21	3 8.4	20.2
208047 1999 TJ_{112}	16.8	X	16.92259	19.53509	297.37293	1.26643	0.2196615	0.26964337	2.3728824	21	10 15.9	18.8
208048 1999 TL_{149}	16.5	X	353.10688	309.10378	13.86239	4.95491	0.2492170	0.26685957	2.3893560	21	9 1.8	17.7
208049 1999 TM_{157}	16.9	X	13.81413	315.02429	2.12463	2.63582	0.1915956	0.26914838	2.3757908	21	10 5.6	18.8
208050 1999 TF_{179}	16.4	X	202.63513	86.29727	220.87301	7.59421	0.0217254	0.24248250	2.5469228	21	1 6.5	19.9
208051 1999 TJ_{180}	15.9	X	132.93044	300.30142	23.39305	9.79008	0.2149034	0.23737332	2.5833392	21	—	—
208052 1999 TJ_{193}	16.7	X	28.74058	138.35849	303.77796	3.03678	0.2281674	0.23460243	2.6036407	21	—	—
208053 1999 TW_{208}	15.5	X	200.28746	101.42550	253.87139	14.52851	0.0389274	0.24756894	2.5119169	21	2 27.6	19.3
208054 1999 TB_{211}	15.7	X	15.99391	11.34196	339.84894	13.84449	0.2660157	0.22937725	2.6430324	21	11 29.1	18.9
208055 1999 TK_{227}	16.2	X	188.64316	44.25954	344.98018	7.24649	0.1224165	0.25175268	2.4840098	21	4 6.2	19.9
208056 1999 TK_{229}	17.1	X	78.16572	242.06909	191.87458	9.19417	0.2852671	0.24134542	2.5549163	21	2 14.0	19.7
208057 1999 TT_{264}	15.3	X	27.57479	2.42554	270.58574	20.91731	0.1360124	0.26765460	2.3846221	21	8 5.3	18.1
208058 1999 TC_{284}	16.7	X	6.25991	159.01357	169.62935	6.88462	0.2543137	0.26797443	2.3827244	21	10 20.5	18.4
208059 1999 TK_{309}	17.6	X	75.98752	64.84467	5.74947	5.09332	0.1814363	0.24072340	2.5593156	21	1 23.9	20.2
208060 1999 TS_{317}	16.7	X	22.04794	52.17616	211.90426	3.01695	0.1474595	0.26448146	2.4036574	21	7 21.8	18.9
208061 1999 UP_{18}	15.9	X	349.12238	96.85910	34.88796	12.46901	0.0936794	0.23846915	2.5754191	21	—	—
208062 1999 UP_{20}	16.9	X	324.25518	199.12857	91.77212	1.87943	0.0745260	0.25797423	2.4439097	21	5 16.9	19.5
208063 1999 UM_{33}	17.6	X	23.59648	39.47039	35.28924	3.55460	0.2050909	0.23393029	2.6086256	21	—	—
208064 1999 UV_{35}	16.7	X	210.66826	172.82517	199.56690	5.59186	0.1274993	0.25441890	2.4666250	21	4 8.9	20.4
208065 1999 UX_{42}	16.6	X	97.01973	56.46188	353.88003	9.77219	0.2018608	0.24107402	2.5568335	21	2 4.9	19.7
208066 1999 UQ_{53}	16.7	X	202.05447	121.95235	217.77253	1.85899	0.0144029	0.24508876	2.5288348	21	2 16.2	19.9
208067 1999 VH_{19}	15.3	X	5.29543	158.08620	261.03117	12.56833	0.2210747	0.22634302	2.6666007	21	—	—
208068 1999 VK_{48}	15.9	X	286.63019	165.17978	252.32178	13.20078	0.1735046	0.21982285	2.7190727	21	8 23.9	19.7
208069 1999 VO_{58}	16.4	X	75.06259	329.50881	46.74775	5.67069	0.2363668	0.23434823	2.6055232	21	—	—
208070 1999 VT_{72}	16.3	X	81.81733	172.74306	254.34850	5.47594	0.1614874	0.23941545	2.5686283	21	1 23.6	19.2
208071 1999 VD_{73}	17.2	X	142.61081	8.12366	358.78593	6.27980	0.1551545	0.24497738	2.5296012	21	1 28.7	20.8
208072 1999 VN_{91}	16.0	X	262.43318	329.51270	41.35981	6.44130	0.1093191	0.25854892	2.4402869	21	6 3.7	19.4
208073 1999 VL_{98}	16.5	X	358.36030	234.44920	229.49989	4.24804	0.1413945	0.23338422	2.6126930	21	—	—
208074 1999 VF_{100}	17.0	X	88.34211	12.06423	42.38857	3.15204	0.1481538	0.23932547	2.5692721	21	1 17.5	19.8
208075 1999 VT_{124}	17.3	X	54.21718	326.93504	132.44427	2.05001	0.0433468	0.23964215	2.5670081	21	1 13.6	20.5
208076 1999 VE_{158}	16.6	X	48.60115	192.82407	246.64603	2.87368	0.1793900	0.23662849	2.5887574	21	—	—
208077 1999 VW_{163}	16.6	X	56.21234	12.37443	38.90078	5.01630	0.2279930	0.23527890	2.5986476	21	—	—
208078 1999 VB_{167}	16.7	X	36.89460	166.49630	254.98595	4.84182	0.1927102	0.23299008	2.6156388	21	—	—
208079 1999 VJ_{179}	16.2	X	358.43862	334.45639	119.12491	8.12092	0.2520146	0.23182842	2.6243692	21	—	—
208080 1999 VV_{180}	15.7	X	36.47615	225.60186	205.95943	31.59001	0.2455862	0.23405807	2.6076760	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208081 1999 VG_{206}	17.0	X	261.28356	283.63402	35.00292	2.82384	0.2244780	0.25287747	2.4766385	21	3 15.9	21.0
208082 1999 WH_{15}	16.2	X	106.33903	158.04793	227.12346	2.53465	0.1011329	0.23895734	2.5719102	21	—	—
208083 1999 XN_{9}	15.3	X	158.50362	103.88617	254.36493	21.49529	0.0448116	0.23926165	2.5697290	21	1 15.7	19.2
208084 1999 XB_{48}	16.1	X	96.11493	311.27905	71.60753	5.98360	0.2178083	0.23697873	2.5862062	21	—	—
208085 1999 XL_{51}	16.3	X	81.53377	308.24246	70.90102	6.04959	0.1690743	0.23425950	2.6061810	21	—	—
208086 1999 XO_{104}	15.4	X	355.42509	43.02764	97.33505	32.81338	0.2020579	0.23115098	2.6294942	21	—	—
208087 1999 XK_{131}	16.3	X	147.69793	67.02935	335.79825	4.61809	0.1566095	0.24415905	2.5352502	21	3 17.5	19.9
208088 1999 XX_{144}	16.8	X	73.60836	330.73939	74.58652	4.41210	0.0680545	0.23645310	2.5900374	21	—	—
208089 1999 XD_{152}	17.1	X	19.38936	36.68886	59.29594	3.05350	0.1764073	0.23384334	2.6092721	21	—	—
208090 1999 XL_{156}	15.8	X	85.60772	278.17216	120.12287	4.54800	0.2541867	0.23626190	2.5914346	21	1 6.9	18.1
208091 1999 XM_{162}	16.1	X	11.90424	32.62445	49.20024	13.98402	0.2334126	0.22918248	2.6445296	21	—	—
208092 1999 XO_{214}	15.6	X	173.32522	44.38019	320.04218	3.13955	0.1562159	0.24363659	2.5388734	21	2 23.8	19.6
208093 1999 XS_{217}	16.8	X	19.41075	72.94036	359.91284	0.50819	0.0882304	0.22759753	2.6567928	21	—	—
208094 1999 YC_{10}	16.8	X	88.98908	232.96655	151.82196	2.30153	0.0989650	0.23536131	2.5980410	21	—	—
208095 2000 AB_{19}	15.4	X	18.79100	178.38890	264.41120	14.95182	0.1117993	0.23149352	2.6268997	21	—	—
208096 2000 AT_{88}	15.6	X	3.95067	140.46345	292.45297	10.97061	0.1656958	0.22576259	2.6711692	21	—	—
208097 2000 AC_{145}	15.6	X	290.53386	124.78381	247.18030	25.36685	0.3381228	0.21795941	2.7345486	21	6 8.2	19.4
208098 2000 AV_{154}	16.0	X	72.06805	83.84108	301.59733	6.09253	0.2610226	0.23469147	2.6029821	21	—	—
208099 2000 AO_{201}	15.1	X	229.92422	264.88958	276.18532	24.30661	0.3271397	0.21659736	2.7460005	21	11 5.0	20.0
208100 2000 AC_{221}	15.8	X	261.04962	117.76311	108.71533	15.53471	0.0606763	0.23020390	2.6367013	21	—	—
208101 2000 AW_{246}	16.3	X	345.78027	36.40368	112.80505	3.61308	0.1274741	0.23100534	2.6305993	21	—	—
208102 2000 BX_{2}	16.1	X	352.73183	346.10460	118.41169	4.92292	0.0482041	0.22632635	2.6667316	21	—	—
208103 2000 BL_{6}	15.4	X	20.48498	135.90985	298.77084	31.99050	0.2458106	0.23002877	2.6380394	21	—	—
208104 2000 BY_{8}	16.1	X	2.52487	80.86892	351.73169	13.01362	0.2167580	0.22606180	2.6688116	21	—	—
208105 2000 BH_{12}	16.1	X	228.57681	118.95778	136.22299	12.28918	0.1585081	0.22622076	2.6675613	21	—	—
208106 2000 BL_{20}	16.6	X	294.24507	242.14362	311.83995	4.87622	0.1035191	0.22790644	2.6543915	21	—	—
208107 2000 BG_{21}	16.6	X	18.00390	142.37760	301.50194	3.18451	0.0930726	0.22712898	2.6604454	21	—	—
208108 2000 BS_{42}	16.3	X	25.69285	229.01614	126.43950	7.15361	0.0370908	0.21705973	2.7420995	21	11 18.6	20.0
208109 2000 BA_{50}	17.0	X	23.60585	47.34816	312.50938	1.49726	0.0914947	0.21875824	2.7278874	21	11 26.3	20.4
208110 2000 CH_{13}	16.5	X	3.46566	336.50894	153.88064	3.34074	0.1127535	0.23058966	2.6337598	21	—	—
208111 2000 CC_{25}	15.7	X	92.38106	262.89861	145.88894	22.40412	0.0401294	0.23096600	2.6308980	21	1 3.9	19.5
208112 2000 CM_{69}	16.4	X	200.21515	300.35803	317.41198	5.27074	0.1033085	0.22387435	2.6861679	21	—	—
208113 2000 CU_{73}	16.1	X	208.70142	309.67153	319.27885	12.76999	0.1448502	0.22597843	2.6694680	21	—	—
208114 2000 CG_{99}	16.5	X	35.24968	57.99188	325.36237	5.34140	0.0865114	0.22069375	2.7119147	21	—	—
208115 2000 CT_{101}	20.7	X	200.12736	292.42119	135.56426	23.29854	0.3546808	0.66546717	1.2993265	21	6 2.7	22.9
208116 2000 CD_{112}	15.7	X	177.58016	236.01351	138.21136	4.87596	0.3167473	0.24160217	2.5531059	21	3 20.6	20.3
208117 2000 CJ_{119}	16.2	X	320.19746	147.70275	329.60261	6.64177	0.0221347	0.22198239	2.7014091	21	—	—
208118 2000 CM_{119}	15.3	X	307.37348	141.80474	341.64219	35.57639	0.1356691	0.21994288	2.7180834	21	—	—
208119 2000 CE_{140}	16.7	X	221.37575	277.40328	307.69576	2.54650	0.1351936	0.22214220	2.7001134	21	—	—
208120 2000 DG_{2}	15.7	X	235.59653	2.64293	174.30938	13.25687	0.0610258	0.21473820	2.7618273	21	12 13.1	19.7
208121 2000 DT_{10}	16.4	X	56.54622	234.20745	149.54282	2.78244	0.0983744	0.22338259	2.6901087	21	—	—
208122 2000 DZ_{13}	17.1	X	298.32627	304.62816	173.22406	1.63131	0.2762121	0.22047744	2.7136882	21	11 30.1	19.5
208123 2000 DB_{24}	16.6	X	270.71691	0.98012	168.62117	2.14313	0.1876979	0.22101812	2.7092607	21	—	—
208124 2000 DS_{43}	16.1	X	291.98556	137.22026	355.01045	4.44734	0.0568142	0.21928840	2.7234889	21	—	—
208125 2000 DC_{49}	16.3	X	9.31907	90.42267	338.05660	12.53180	0.1624114	0.22350400	2.6891345	21	—	—
208126 2000 DB_{53}	15.9	X	28.73924	249.90298	165.33933	13.54534	0.0594299	0.22204240	2.7009224	21	—	—
208127 2000 DU_{57}	15.9	X	260.89209	19.66522	168.56641	13.52190	0.0918211	0.22094016	2.7098980	21	—	—
208128 2000 DF_{60}	16.6	X	317.67895	333.96133	155.90069	5.22007	0.1079676	0.22210730	2.7003962	21	—	—
208129 2000 DX_{62}	15.9	X	353.54750	263.67216	166.55716	12.81313	0.3099578	0.22270257	2.6955821	21	—	—
208130 2000 DH_{66}	16.4	X	309.60993	87.28356	345.08881	7.08435	0.2117430	0.21612826	2.7499725	21	10 23.1	19.1
208131 2000 DE_{91}	16.8	X	256.06296	37.78264	146.52385	3.02009	0.0162555	0.22224189	2.6993059	21	—	—
208132 2000 DO_{110}	15.5	X	45.45173	61.52680	346.11896	14.51710	0.3232620	0.22694691	2.6618681	21	—	—
208133 2000 DE_{114}	15.9	X	351.30692	264.49328	161.06449	6.49962	0.0294037	0.21761773	2.7374101	21	12 28.7	19.6
208134 2000 EN_{7}	16.4	X	145.79771	112.86089	174.35481	1.60594	0.1118629	0.21777020	2.7361322	21	—	—
208135 2000 EF_{15}	15.9	X	165.36887	77.21245	160.46799	11.79099	0.1968500	0.21181219	2.7872040	21	12 3.6	20.8
208136 2000 EZ_{27}	15.3	X	250.88812	233.08969	9.29308	11.46996	0.1439616	0.22599825	2.6693120	21	—	—
208137 2000 ES_{28}	15.8	X	34.79977	75.95802	18.58372	11.87777	0.0948702	0.22849859	2.6498037	21	—	—
208138 2000 EL_{31}	15.7	X	191.40778	164.47337	100.88074	7.96958	0.1158498	0.22110409	2.7085584	21	—	—
208139 2000 EP_{32}	16.3	X	260.27155	83.92566	118.73307	5.21792	0.1475520	0.22219764	2.6996643	21	—	—
208140 2000 EJ_{34}	15.4	X	50.88936	163.00587	74.80121	2.88384	0.0226341	0.20053901	2.8907030	21	7 15.8	19.1
208141 2000 EZ_{81}	15.9	X	274.68106	162.39921	86.73328	5.68126	0.1969272	0.22800563	2.6536216	21	1 8.0	20.0
208142 2000 EL_{103}	15.3	X	303.33720	86.41084	80.95825	16.71207	0.2690560	0.22346322	2.6894616	21	—	—
208143 2000 EG_{141}	16.2	X	354.52358	280.42278	158.76885	5.30244	0.0864623	0.22109168	2.7086597	21	—	—
208144 2000 ET_{153}	15.4	X	216.54757	189.67956	0.20812	12.88409	0.1524152	0.21425366	2.7659896	21	11 20.6	19.9
208145 2000 EX_{164}	16.6	X	288.08807	146.91443	12.33429	1.21826	0.1564933	0.22073576	2.7115706	21	—	—
208146 2000 EL_{168}	16.1	X	267.61583	48.15932	90.89308	10.30504	0.1792100	0.21719742	2.7409405	21	11 21.2	19.7
208147 2000 EH_{172}	15.9	X	218.67447	32.58492	185.15843	5.44590	0.0109399	0.21753036	2.7381431	21	—	—
208148 2000 FK_{4}	16.1	X	72.32093	152.00731	207.53002	4.50602	0.1736099	0.21528158	2.7571780	21	—	—
208149 2000 FL_{25}	15.6	X	195.18197	193.95066	28.15630	8.84120	0.1280006	0.21384313	2.7695286	21	12 12.9	19.9
208150 2000 FJ_{34}	15.6	X	241.76240	91.89567	115.81130	12.71957	0.1593677	0.21855228	2.7296009	21	—	—
208151 2000 FV_{67}	16.5	X	118.96988	204.30461	89.27541	0.42230	0.0461567	0.21271128	2.7793444	21	12 22.9	20.3
208152 2000 GL_{54}	15.8	X	183.98481	184.46668	32.43960	5.36288	0.1155412	0.21075709	2.7964985	21	11 26.3	20.1
208153 2000 GK_{121}	16.4	X	260.25092	98.96281	22.69129	7.88757	0.1835588	0.21233181	2.7826548	21	10 16.1	20.1
208154 2000 GS_{122}	16.0	X	225.74734	239.35234	6.28187	12.30162	0.1403128	0.22001188	2.7175151	21	—	—
208155 2000 GG_{158}	15.8	X	273.84128	126.99445	19.12374	12.32905	0.1370712	0.21712188	2.7415762	21	12 11.7	19.4
208156 2000 GQ_{164}	15.9	X	215.16756	140.27313	12.92874	11.41624	0.1094869	0.20990815	2.8040334	21	10 12.3	20.2
208157 2000 GF_{186}	16.4	X	218.48715	338.69793	190.10036	2.60056	0.1161898	0.21047103	2.7990318	21	11 4.8	20.4
208158 2000 HC_{7}	15.6	X	118.09947	259.33586	36.51680	20.87852	0.1349591	0.21057953	2.7980703	21	12 27.5	20.4
208159 2000 HU_{15}	14.9	X	0.86879	92.99338	43.94053	27.01414	0.1204181	0.17741188	3.1367573	21	—	—
208160 2000 HF_{69}	15.6	X	245.71430	316.55550	201.21895	10.72247	0.2374362	0.21263608	2.7799997	21	11 6.9	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208161 2000 HN_{83}	15.5	X	212.95020	114.40243	106.71659	16.82574	0.2332472	0.21595570	2.7514372	21	12 21.2	20.0
208162 2000 KG_{74}	15.9	X	226.24326	59.15682	167.85673	13.55546	0.1852939	0.21598619	2.7511782	21	—	—
208163 2000 NL_{6}	17.8	X	201.59025	85.26592	222.54911	2.33287	0.1616202	0.30897478	2.1669756	21	1 1.9	21.0
208164 2000 OO_{21}	16.5	X	116.54540	182.19914	149.03466	11.20213	0.2038040	0.29980222	2.2109529	21	—	—
208165 2000 OL_{33}	16.4	X	297.44611	69.43182	237.79335	5.49513	0.1262489	0.27435880	2.3456153	21	4 17.9	19.2
208166 2000 OB_{42}	16.3	X	16.19324	82.10824	276.51388	5.70805	0.1436809	0.28825807	2.2695952	21	12 7.2	18.6
208167 2000 OQ_{60}	17.3	X	290.44339	227.83918	123.72127	3.15471	0.2312210	0.27635753	2.3342920	21	5 26.5	20.1
208168 2000 PH_{18}	17.2	X	351.08640	28.78480	332.35475	0.41203	0.2139420	0.28562741	2.2835093	21	11 2.9	18.4
208169 2000 PH_{27}	16.9	X	340.75692	3.77017	327.85579	6.94480	0.1298402	0.28094954	2.3087868	21	8 14.5	18.6
208170 2000 QG	15.2	X	134.41037	148.36665	321.07291	11.61202	0.0824015	0.17826714	3.1267166	21	5 22.1	20.1
208171 2000 QF_{13}	16.8	X	354.94934	232.34633	141.56462	7.78371	0.1605136	0.28741584	2.2740268	21	11 27.5	18.9
208172 2000 QM_{15}	16.0	X	323.54880	134.35006	184.07106	1.19002	0.2407454	0.18452592	3.0556091	21	6 3.9	19.5
208173 2000 QM_{24}	14.9	X	287.28553	169.38425	177.33636	17.96572	0.2127203	0.17995005	3.1071919	21	5 25.7	19.6
208174 2000 QZ_{26}	15.1	X	325.46271	314.40269	325.46704	15.90798	0.1970244	0.18026651	3.1035543	21	4 13.9	19.3
208175 2000 QA_{29}	17.0	X	264.52243	10.58116	355.50656	5.07428	0.2456086	0.27284051	2.3543091	21	5 12.2	20.6
208176 2000 QO_{37}	17.2	X	303.22146	8.94409	320.21741	3.86512	0.2551289	0.27629608	2.3346381	21	5 5.7	20.2
208177 2000 QR_{70}	16.3	X	15.46637	1.75291	342.58824	23.56212	0.1592834	0.28644625	2.2791555	21	11 3.9	19.3
208178 2000 QX_{73}	17.3	X	289.92530	69.90071	311.61728	1.74748	0.2349281	0.27798083	2.3251956	21	7 7.4	19.7
208179 2000 QP_{79}	15.0	X	296.19781	146.22711	171.04398	16.40955	0.1853254	0.17868066	3.1218906	21	5 4.5	19.5
208180 2000 QW_{97}	16.8	X	316.65285	231.87987	140.11603	6.45606	0.2282655	0.27996543	2.3141941	21	8 15.4	18.1
208181 2000 QN_{109}	15.5	X	1.67402	270.29631	333.47803	8.70440	0.0460975	0.17861141	3.1226975	21	5 13.9	19.9
208182 2000 QL_{119}	16.5	X	292.05914	17.87624	308.63746	4.89964	0.2501836	0.27313977	2.3525891	21	4 17.7	19.7
208183 2000 QD_{129}	15.6	X	333.12424	118.58514	208.41931	4.89869	0.1603108	0.18636211	3.0355051	21	7 14.0	19.2
208184 2000 QE_{132}	17.0	X	101.32813	356.02076	343.39695	5.72351	0.2257249	0.29814485	2.2191390	21	—	—
208185 2000 QW_{139}	14.7	X	273.15204	332.03820	8.49558	16.92743	0.2058780	0.17693718	3.1423651	21	4 25.5	19.7
208186 2000 QN_{165}	14.6	X	237.44649	331.64038	334.47614	26.56757	0.1455558	0.16986556	3.2289834	21	2 21.9	19.8
208187 2000 QS_{166}	16.9	X	173.79517	15.65098	275.84188	3.53288	0.1711095	0.30176385	2.2013609	21	—	—
208188 2000 QO_{167}	15.1	X	232.95763	200.04360	185.83307	9.47338	0.1123476	0.17725239	3.1386386	21	5 25.8	20.1
208189 2000 QC_{188}	17.4	X	116.28221	197.29839	109.53186	4.51614	0.2484897	0.29664162	2.2266297	21	—	—
208190 2000 QY_{193}	15.5	X	305.46416	172.15732	157.49195	11.97625	0.1103301	0.18268843	3.0760639	21	6 11.3	19.8
208191 2000 QM_{202}	15.2	X	197.80605	201.16470	141.40359	7.43004	0.1215641	0.16830395	3.2489262	21	3 1.4	20.3
208192 2000 QW_{203}	16.8	X	278.08433	295.10784	48.82009	2.85770	0.2343415	0.27308708	2.3528918	21	4 30.2	20.1
208193 2000 QB_{206}	16.8	X	256.70426	93.27295	263.15495	0.95587	0.2205290	0.27073409	2.3665049	21	4 25.9	20.6
208194 2000 QP_{228}	16.7	X	209.95944	81.38187	187.69159	4.28434	0.1771392	0.30417671	2.1897040	21	—	—
208195 2000 QT_{228}	15.6	X	303.58957	326.60490	353.13633	27.40911	0.1920142	0.17919224	3.1159460	21	4 28.3	20.3
208196 2000 QM_{246}	15.5	X	266.27801	190.24668	126.98225	2.50945	0.1650043	0.17606286	3.1527597	21	4 1.3	20.3
208197 2000 RR_{8}	18.0	X	66.10678	51.58948	334.85251	17.12144	0.0974790	0.39088684	1.8525446	21	—	—
208198 2000 RV_{12}	15.1	X	329.75268	129.91492	204.31851	10.30194	0.1756803	0.18473976	3.0532507	21	7 14.9	18.8
208199 2000 RF_{37}	16.3	X	344.08941	23.01602	350.62112	25.04861	0.1571894	0.28264473	2.2995461	21	10 15.8	18.8
208200 2000 RA_{38}	16.3	X	231.25919	240.12548	171.34179	5.95643	0.1949009	0.27178332	2.3604104	21	6 15.2	20.0
208201 2000 RL_{59}	16.8	X	60.11482	324.86805	350.93265	6.38201	0.1091658	0.28650231	2.2788582	21	12 1.9	19.9
208202 2000 RK_{75}	16.7	X	39.49129	9.10455	334.77763	10.08273	0.1611921	0.28740415	2.2740885	21	12 23.2	19.7
208203 2000 SX_{8}	16.9	X	263.63612	56.31048	351.99225	22.95191	0.2812229	0.27624820	2.3349079	21	7 10.8	20.8
208204 2000 SD_{16}	14.8	X	261.43419	342.76251	324.88484	9.99271	0.1251081	0.17177598	3.2049980	21	3 16.2	19.8
208205 2000 SE_{24}	16.3	X	215.62330	51.23285	10.60447	23.27912	0.1032111	0.27117105	2.3639620	21	6 16.0	20.3
208206 2000 ST_{24}	16.4	X	49.70399	1.22533	2.28263	8.77126	0.1443270	0.29013699	2.2597860	21	—	—
208207 2000 SU_{43}	14.6	X	214.57609	76.02526	193.49390	30.57131	0.3452618	0.21350066	2.7724895	21	—	—
208208 2000 SJ_{53}	15.3	X	243.81761	186.36335	192.62094	9.23382	0.0819258	0.17698585	3.1417890	21	5 31.5	20.0
208209 2000 SQ_{60}	14.8	X	303.03401	144.87848	183.67395	14.57302	0.0837561	0.17854144	3.1235133	21	6 9.9	19.3
208210 2000 SK_{65}	15.7	X	270.75593	294.89149	60.11532	1.60758	0.2115585	0.17764972	3.1339570	21	5 15.2	20.5
208211 2000 SV_{82}	17.1	X	338.17403	197.09378	135.52852	3.33210	0.2374139	0.27827211	2.3235727	21	8 1.4	18.3
208212 2000 SG_{83}	17.6	X	272.26841	14.56561	352.48214	1.13656	0.1950573	0.27337971	2.3512124	21	5 29.7	20.7
208213 2000 SW_{83}	17.2	X	276.77685	343.22781	29.18927	2.81073	0.2079047	0.27401940	2.3475518	21	6 9.9	20.3
208214 2000 SQ_{88}	16.3	X	339.80145	239.85501	85.13301	5.36156	0.1583635	0.27681758	2.3317050	21	7 31.1	18.1
208215 2000 SL_{101}	16.8	X	273.12058	239.73322	138.92416	6.97242	0.1646564	0.27505664	2.3416463	21	6 21.1	19.9
208216 2000 SK_{103}	14.8	X	238.73567	335.26420	4.16562	12.60973	0.1804392	0.17167993	3.2061933	21	3 29.8	19.9
208217 2000 SW_{104}	16.9	X	293.36739	20.34217	6.53341	8.58045	0.1402119	0.27741258	2.3283697	21	8 11.1	19.5
208218 2000 SP_{109}	16.6	X	314.94771	323.46682	13.07811	6.88962	0.1370916	0.27512209	2.3412749	21	6 29.2	19.1
208219 2000 SA_{114}	16.5	X	83.92442	279.84488	28.86124	6.84505	0.1731569	0.28933760	2.2639464	21	12 27.5	20.0
208220 2000 SL_{120}	16.8	X	246.89711	290.75043	68.82143	2.51892	0.2013650	0.26817566	2.3815323	21	4 23.4	20.5
208221 2000 SL_{127}	16.5	X	243.45860	231.51635	139.40867	6.92978	0.1622947	0.26750250	2.3855260	21	5 9.9	20.1
208222 2000 SL_{147}	16.8	X	251.36211	0.45608	20.08679	3.07807	0.2130344	0.27092383	2.3653999	21	5 22.6	20.4
208223 2000 SE_{160}	16.3	X	148.66157	229.34647	209.86374	20.57658	0.2499374	0.26283980	2.4136556	21	5 11.6	20.3
208224 2000 SR_{206}	17.4	X	283.99538	156.23640	187.42254	1.37573	0.1987142	0.27152762	2.3618920	21	5 11.8	20.5
208225 2000 SL_{207}	16.8	X	123.60253	241.78787	30.24575	6.34975	0.1680433	0.29030834	2.2588967	21	12 17.7	20.4
208226 2000 SO_{226}	17.0	X	259.87755	232.03237	120.97412	6.45015	0.3107686	0.26908614	2.3761572	21	4 20.2	21.0
208227 2000 SM_{239}	17.2	X	50.65558	319.39503	13.58376	6.33377	0.1697934	0.28747836	2.2736971	21	12 22.9	20.2
208228 2000 SC_{247}	17.0	X	282.23418	276.64731	137.50682	3.11607	0.1618801	0.27910852	2.3189283	21	8 26.9	19.3
208229 2000 SZ_{249}	15.0	X	258.56841	272.65842	43.27863	5.66029	0.1547461	0.17197965	3.2024670	21	3 25.4	20.0
208230 2000 SO_{254}	17.3	X	334.44365	234.52979	91.94272	3.11182	0.2258488	0.27783561	2.3260057	21	7 11.2	18.7
208231 2000 SR_{260}	17.2	X	320.84008	144.91016	214.83608	2.88510	0.1224273	0.27824428	2.3237276	21	8 17.3	19.3
208232 2000 SG_{262}	15.6	X	352.98110	157.77515	146.43791	5.67149	0.2248396	0.18480639	3.0525168	21	7 19.5	18.5
208233 2000 SD_{265}	16.8	X	206.98393	23.72224	66.19037	3.10360	0.1817813	0.27210752	2.3585351	21	7 13.5	20.6
208234 2000 SL_{273}	16.9	X	356.30998	13.64738	289.18528	1.83933	0.2189075	0.27740374	2.3284192	21	8 1.1	18.1
208235 2000 SV_{281}	16.7	X	141.70482	301.80652	320.39911	10.24199	0.1279915	0.29260973	2.2470369	21	12 24.1	20.1
208236 2000 SM_{299}	17.1	X	231.85940	94.52444	314.01161	3.58993	0.1354481	0.27176015	2.3605445	21	6 16.4	20.4
208237 2000 SH_{320}	15.2	X	307.29550	155.10078	176.72794	14.07038	0.1091077	0.18250742	3.0780975	21	6 16.2	19.5
208238 2000 SS_{325}	17.7	X	80.87035	168.56167	147.31230	2.89438	0.1424151	0.29047581	2.2580284	21	12 31.0	21.0
208239 2000 SN_{344}	17.1	X	218.02812	80.78418	7.40690	2.22112	0.1742938	0.27407918	2.3472104	21	7 22.8	20.7
208240 2000 SK_{359}	17.4	X	122.87671	48.43860	257.42306	2.86750	0.1642853	0.29477461	2.2360216	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208241 2000 TO_{20}	16.3	X	322.91218	248.54834	114.82809	8.07691	0.1456283	0.27900167	2.3195203	21	8 29.7	18.3
208242 2000 TJ_{40}	16.6	X	297.76723	262.72135	138.30421	7.47729	0.1070455	0.28082844	2.3094505	21	9 13.9	18.9
208243 2000 TK_{45}	16.6	X	42.24196	236.55342	91.63004	7.48165	0.1537618	0.28673229	2.2776395	21	12 4.4	19.3
208244 2000 TN_{45}	16.5	X	178.42029	198.72851	69.75998	8.12941	0.2020740	0.29843899	2.2176807	21	—	—
208245 2000 TP_{52}	16.9	X	203.22312	184.92965	30.08379	8.97206	0.0682882	0.29027197	2.2590854	21	—	—
208246 2000 UB_{19}	15.9	X	207.93284	97.16531	306.81368	19.67818	0.2909636	0.26667907	2.3904340	21	5 6.3	20.6
208247 2000 US_{32}	17.0	X	197.98092	298.94140	154.23839	1.65945	0.1482535	0.26891636	2.3771572	21	7 9.9	20.6
208248 2000 UF_{34}	16.5	X	259.00828	156.24678	227.61960	5.60527	0.1346754	0.27162978	2.3612998	21	6 14.5	19.8
208249 2000 UG_{42}	16.9	X	187.13086	254.66479	129.45921	1.03087	0.2528526	0.26171013	2.4205963	21	4 3.8	21.1
208250 2000 UD_{114}	16.6	X	218.31329	21.83010	359.05805	5.89827	0.1523437	0.26506069	2.4001543	21	4 24.1	20.4
208251 2000 VQ_{3}	16.5	X	212.39810	43.47576	36.00087	7.09359	0.0668282	0.27155157	2.3617532	21	7 13.6	19.8
208252 2000 VM_{7}	17.4	X	257.06592	333.26713	43.61143	2.11945	0.1856123	0.27048597	2.3679519	21	5 27.0	20.6
208253 2000 VQ_{12}	16.9	X	133.00556	8.43854	83.51421	1.93847	0.1619654	0.26073696	2.4266156	21	5 4.9	20.4
208254 2000 VC_{19}	17.0	X	163.07145	34.02108	29.22579	3.63342	0.2306631	0.26229107	2.4170208	21	5 1.3	21.0
208255 2000 VE_{53}	16.4	X	281.43405	32.95114	340.24330	4.56019	0.2481622	0.27314837	2.3525398	21	6 10.7	19.6
208256 2000 VC_{57}	17.0	X	213.99641	95.69077	302.28024	2.71600	0.2632080	0.26577042	2.3958794	21	5 9.5	21.2
208257 2000 VW_{57}	15.9	X	251.84802	317.40855	47.93423	12.88030	0.2373148	0.26719665	2.3873460	21	5 2.7	19.7
208258 2000 VQ_{61}	16.9	X	337.81495	194.07832	139.47160	6.83872	0.2446229	0.27746489	2.3280771	21	7 31.9	18.1
208259 2000 WX_{5}	16.1	X	153.95510	116.54995	1.87246	6.56431	0.0908975	0.26622919	2.3931262	21	6 26.6	19.5
208260 2000 WT_{16}	17.1	X	172.35875	225.60286	229.17664	1.34714	0.1698746	0.26476287	2.4019539	21	6 17.1	20.8
208261 2000 WW_{22}	16.9	X	241.93127	224.46900	154.60627	4.56894	0.2227888	0.26832839	2.3806285	21	5 13.1	20.7
208262 2000 WN_{64}	16.9	X	178.50427	334.21029	86.26049	8.01662	0.1350938	0.26220935	2.4175229	21	5 10.5	20.6
208263 2000 WZ_{66}	16.0	X	210.58699	298.88134	89.27297	24.48255	0.2803789	0.26247429	2.4158958	21	5 6.2	20.7
208264 2000 WM_{85}	16.6	X	175.02468	159.59527	266.96929	5.48372	0.1449503	0.26216335	2.4178057	21	5 12.2	20.4
208265 2000 WJ_{113}	16.6	X	214.05252	127.80856	311.75264	2.64722	0.1581858	0.26842604	2.3800511	21	7 7.9	20.1
208266 2000 WQ_{113}	16.7	X	156.49041	51.61240	3.51595	4.71439	0.1810019	0.25869113	2.4393926	21	4 11.7	20.5
208267 2000 WQ_{166}	16.9	X	171.38110	305.76718	137.23314	2.60265	0.2071709	0.26409068	2.4060279	21	6 2.3	20.9
208268 2000 WC_{170}	16.6	X	169.02955	8.68604	81.02261	6.73162	0.0300609	0.26356964	2.4091978	21	6 1.9	19.7
208269 2000 XM	17.6	X	183.36671	337.96922	133.73084	3.00898	0.1421369	0.26841240	2.3801317	21	7 19.9	21.2
208270 2000 XQ	16.5	X	67.58781	34.37226	134.26048	3.48614	0.1545506	0.25990336	2.4318015	21	5 23.3	19.1
208271 2000 YQ_{20}	17.1	X	202.31688	23.67949	37.08491	1.96575	0.1688289	0.26485998	2.4013667	21	5 31.7	20.9
208272 2000 YX_{25}	16.5	X	213.56678	324.40521	81.79854	4.78041	0.1768695	0.26305630	2.4123311	21	5 23.9	20.4
208273 2000 YE_{52}	15.8	X	260.17539	28.07427	107.48885	12.80540	0.1244702	0.23025615	2.6363024	21	11 18.9	19.4
208274 2000 YR_{56}	17.0	X	184.50752	14.33462	81.19044	2.58559	0.1445240	0.26456670	2.4031411	21	6 29.7	20.6
208275 2000 YA_{94}	17.1	X	165.25771	248.93649	197.47542	0.97645	0.1590899	0.26078960	2.4262890	21	5 30.2	20.8
208276 2000 YQ_{106}	16.6	X	85.89599	54.84978	83.16340	9.33715	0.3124486	0.25496559	2.4630978	21	6 2.3	19.8
208277 2000 YB_{110}	16.7	X	103.83427	71.66918	59.50706	3.39982	0.1286412	0.25662278	2.4524824	21	5 18.3	19.7
208278 2001 AH_{49}	16.8	X	215.68782	21.45698	34.70949	2.60950	0.1624858	0.26462132	2.4028103	21	6 7.8	20.4
208279 2001 BG_{1}	16.7	X	267.31806	69.08312	107.19784	26.10387	0.1452454	0.37633032	1.9000130	21	—	—
208280 2001 BB_{2}	17.1	X	20.75221	55.67961	179.10615	1.99329	0.1417285	0.25723777	2.4485721	21	6 2.1	19.3
208281 2001 BL_{5}	16.9	X	245.18569	346.64985	128.68560	24.78221	0.0474844	0.36973216	1.9225511	21	11 14.5	19.5
208282 2001 BM_{7}	16.2	X	106.11546	36.05931	93.18158	7.22075	0.0689434	0.25609429	2.4558554	21	5 11.7	19.4
208283 2001 BS_{13}	15.1	X	336.00448	135.60153	315.29858	32.08042	0.2159647	0.23247907	2.6194703	21	—	—
208284 2001 BS_{35}	16.6	X	192.94105	277.90864	271.28005	17.20859	0.0882889	0.36852602	1.9267437	21	11 29.8	18.8
208285 2001 BX_{61}	17.0	X	335.37378	258.11362	145.46700	26.67306	0.1101370	0.37079315	1.9188819	21	12 27.1	19.2
208286 2001 CZ_{11}	16.3	X	31.35645	224.36827	340.53387	9.61240	0.1208522	0.25349701	2.4726016	21	5 1.3	19.0
208287 2001 CN_{12}	15.7	X	240.91223	74.54558	118.32915	12.47661	0.1364059	0.23119050	2.6291946	21	12 31.5	19.3
208288 2001 CC_{38}	15.8	X	303.87255	148.90956	75.37302	18.81604	0.1781359	0.24039173	2.5616692	21	1 5.9	19.7
208289 2001 CC_{40}	15.9	X	210.24930	92.76528	105.91753	9.53943	0.1281013	0.22735225	2.6587033	21	12 4.6	19.8
208290 2001 DH_{1}	14.5	X	94.72806	307.86763	324.09077	3.98084	0.1402063	0.12538888	3.9533327	21	10 27.3	20.4
208291 2001 DL_{14}	17.3	X	333.78298	286.69236	158.94315	23.85356	0.0664555	0.37508335	1.9042218	21	—	—
208292 2001 DO_{25}	16.3	X	338.96818	101.50091	109.73290	3.89573	0.1597748	0.24526897	2.5275959	21	2 5.9	19.0
208293 2001 DT_{52}	15.6	X	9.35497	61.10315	33.27018	4.20405	0.1975961	0.23966897	2.5668167	21	—	—
208294 2001 DO_{78}	16.4	X	187.24391	143.30085	141.69199	4.26218	0.0611001	0.23376124	2.6098831	21	—	—
208295 2001 FK_{4}	16.0	X	186.55089	256.33292	34.68374	3.94498	0.1446380	0.18470206	3.0536662	21	—	—
208296 2001 FQ_{13}	16.4	X	311.47071	227.98126	9.18566	7.29366	0.1138577	0.24240098	2.5474938	21	2 11.8	19.8
208297 2001 FX_{23}	17.2	X	287.05857	265.06559	170.27303	22.44664	0.1070199	0.36692554	1.9323424	21	11 8.3	19.1
208298 2001 FL_{40}	16.6	X	1.35061	107.31820	8.35994	4.40027	0.2133531	0.23719632	2.5846243	21	—	—
208299 2001 FQ_{66}	15.7	X	339.30496	1.63855	174.44059	25.25724	0.1358253	0.23901363	2.5715064	21	—	—
208300 2001 FA_{78}	15.9	X	306.61011	115.71846	151.66069	4.55986	0.2565762	0.24144380	2.5542222	21	2 21.8	19.5
208301 2001 FY_{100}	16.5	X	314.67389	3.28512	190.37860	13.27134	0.1909856	0.23633560	2.5908958	21	—	—
208302 2001 FJ_{109}	16.2	X	13.00947	347.45134	162.73005	5.23424	0.0931404	0.24067985	2.5596243	21	1 16.5	19.0
208303 2001 FT_{118}	16.3	X	201.48928	292.72887	8.39323	11.35927	0.1858748	0.23475824	2.6024885	21	1 9.2	20.8
208304 2001 FL_{133}	15.7	X	282.67982	336.05613	293.01547	6.93106	0.1733363	0.23948497	2.5681312	21	2 7.4	19.5
208305 2001 FK_{145}	16.2	X	352.24771	127.42401	79.92970	7.44579	0.1294271	0.24597033	2.5227888	21	3 1.9	19.0
208306 2001 FB_{158}	16.5	X	260.23675	20.23104	26.22439	20.78325	0.0862174	0.35669916	1.9691010	21	8 9.9	19.1
208307 2001 FE_{191}	15.9	X	147.05445	249.74210	170.41631	13.82155	0.0633617	0.24626303	2.5207894	21	3 31.7	19.3
208308 2001 HA_{3}	16.6	X	298.44899	26.54206	191.39539	4.45356	0.1978694	0.23608421	2.5927347	21	—	—
208309 2001 HO_{6}	16.6	X	291.12869	115.58407	85.47546	4.47333	0.1009883	0.23237585	2.6202459	21	—	—
208310 2001 HA_{41}	15.3	X	295.26987	115.42995	128.13133	14.36952	0.1409273	0.23731195	2.5837846	21	1 25.8	19.1
208311 2001 HO_{42}	16.3	X	252.23564	147.78447	131.97433	5.13030	0.2416639	0.23549535	2.5970551	21	1 21.0	20.7
208312 2001 JA_{10}	16.2	X	223.82397	119.25701	177.28844	11.92304	0.2757531	0.23077098	2.6323800	21	1 18.2	21.1
208313 2001 KX_{1}	16.2	X	290.63244	119.03686	101.45530	13.03878	0.2293617	0.23435738	2.6054553	21	—	—
208314 2001 KR_{9}	16.0	X	353.20318	115.15479	87.61567	6.26874	0.2169418	0.24094919	2.5577165	21	2 11.7	18.6
208315 2001 KR_{22}	15.5	X	14.80856	265.35027	64.85106	9.00029	0.0755573	0.20919551	2.8103979	21	10 6.7	19.1
208316 2001 ME	15.8	X	252.75821	122.54641	131.69247	12.71631	0.2305163	0.22874011	2.6479381	21	—	—
208317 2001 MF_{3}	16.4	X	255.68016	290.86122	335.82897	3.36576	0.2187140	0.22988174	2.6391641	21	1 11.1	20.8
208318 2001 MC_{18}	15.9	X	179.56627	123.94446	137.27697	13.09490	0.3013539	0.21984904	2.7188568	21	—	—
208319 2001 MF_{28}	16.0	X	277.48704	72.53795	159.81848	8.05068	0.1523002	0.23226950	2.6210457	21	—	—
208320 2001 NY_{6}	15.7	X	264.78853	54.28649	320.73958	10.01456	0.2607054	0.18863105	3.0111144	21	5 25.7	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208321 2001 NR_{13}	16.5	X	169.35828	307.00040	333.09901	6.98131	0.2986508	0.21972194	2.7199052	21	—	—
208322 2001 OS_{20}	14.6	X	198.63076	123.94914	265.71959	16.88366	0.2504860	0.18072882	3.0982594	21	4 18.7	20.3
208323 2001 OX_{110}	16.2	X	119.86407	214.94227	88.10033	3.74405	0.1940113	0.21326464	2.7745346	21	—	—
208324 2001 PR_{10}	15.1	X	169.32394	267.93488	122.13506	16.16244	0.3296143	0.17836212	3.1256065	21	4 12.0	21.1
208325 2001 PZ_{37}	15.5	X	112.06737	168.44104	107.98719	13.54635	0.0252425	0.20661708	2.8337307	21	11 24.9	19.7
208326 2001 PF_{53}	15.7	X	241.15898	199.95863	164.71664	4.83061	0.2202913	0.18672627	3.0315572	21	4 29.1	20.7
208327 2001 PB_{60}	16.2	X	163.78148	287.54120	347.40202	6.81490	0.1923520	0.21727877	2.7402563	21	—	—
208328 2001 QH_{21}	16.0	X	160.44458	149.91477	164.78827	11.36292	0.3056486	0.21819520	2.7325781	21	—	—
208329 2001 QT_{42}	15.2	X	239.57428	240.26027	131.75303	16.64995	0.2132421	0.18734096	3.0249223	21	5 11.4	20.5
208330 2001 QN_{47}	15.3	X	203.59957	219.81955	145.17870	13.01327	0.1457506	0.18145877	3.0899449	21	4 3.1	20.4
208331 2001 QN_{111}	14.6	X	112.08175	103.10934	352.64460	25.70898	0.2618615	0.17373852	3.1808167	21	4 21.9	20.0
208332 2001 QE_{135}	15.3	X	225.57625	50.03313	314.84818	11.63713	0.2031957	0.18040050	3.1020173	21	4 10.6	20.7
208333 2001 QM_{138}	15.2	X	226.27572	45.10217	336.34584	9.59889	0.2014704	0.18132541	3.0914598	21	5 2.7	20.5
208334 2001 QM_{143}	15.6	X	247.95320	279.56764	188.13373	2.11174	0.0390409	0.19938773	2.9018197	21	10 2.3	19.7
208335 2001 QV_{154}	15.1	X	251.89660	34.27564	303.63882	12.30853	0.0723355	0.18445535	3.0563884	21	4 12.8	19.9
208336 2001 QE_{209}	15.8	X	334.51235	48.14750	318.58238	1.47740	0.0809382	0.19907581	2.9048500	21	9 16.5	19.3
208337 2001 QL_{209}	15.7	X	172.34169	113.20426	157.46079	17.86233	0.1504823	0.21597813	2.7512467	21	—	—
208338 2001 QJ_{210}	15.0	X	259.00710	206.83891	156.41248	15.53889	0.1708128	0.18799828	3.0178672	21	5 20.9	19.9
208339 2001 QB_{226}	15.1	X	228.17746	59.36796	315.07651	11.05492	0.1573615	0.18314829	3.0709127	21	4 27.5	20.2
208340 2001 QN_{229}	15.2	X	279.47838	93.07080	294.54011	7.88597	0.1020461	0.19205938	2.9751739	21	7 21.2	19.3
208341 2001 QB_{235}	16.2	X	45.79959	151.64767	161.15310	8.86666	0.2170956	0.20200858	2.8766664	21	11 14.9	20.2
208342 2001 QC_{235}	15.8	X	216.97121	304.12272	92.63543	1.38691	0.1730861	0.18377927	3.0638797	21	5 18.3	20.7
208343 2001 QZ_{239}	15.7	X	338.85993	344.13012	337.88998	9.00816	0.0746074	0.19313278	2.9641401	21	7 27.1	19.4
208344 2001 QZ_{253}	15.6	X	197.71534	281.59406	358.66453	11.59068	0.2170225	0.22131412	2.7068445	21	—	—
208345 2001 QG_{328}	15.8	X	261.99994	211.04824	169.00144	11.66007	0.1485997	0.18617508	3.0375378	21	6 14.1	20.5
208346 2001 QJ_{330}	15.7	X	244.78839	30.84647	326.44200	11.71282	0.1527267	0.18357827	3.0661157	21	4 22.1	20.8
208347 2001 QP_{333}	15.1	X	160.56171	61.95050	355.77768	26.27291	0.2466609	0.17475513	3.1684687	21	4 16.9	20.9
208348 2001 RT_{2}	14.7	X	165.15352	79.37099	344.93868	25.04906	0.2363906	0.17887685	3.1196076	21	4 26.6	20.5
208349 2001 RX_{10}	15.9	X	44.90219	299.16295	6.90782	2.22586	0.1039698	0.20004768	2.8954342	21	10 16.2	19.6
208350 2001 RC_{14}	16.2	X	287.04528	246.77613	160.77137	2.41292	0.0949122	0.19557037	2.9394586	21	8 28.4	20.0
208351 Sielmann	14.8	X	155.42280	109.13380	304.94704	25.25324	0.1950764	0.17617277	3.1514484	21	4 2.9	20.5
208352 2001 RC_{24}	15.9	X	257.11455	240.70185	155.22370	3.42836	0.2299266	0.18955757	3.0012946	21	6 18.5	20.6
208353 2001 RY_{36}	16.2	X	124.43995	116.35329	198.98911	7.30509	0.1255773	0.21380268	2.7698779	21	—	—
208354 2001 RO_{37}	15.5	X	173.68847	242.59833	168.30819	21.16715	0.1180702	0.18176661	3.0864552	21	4 30.1	20.6
208355 2001 RK_{54}	15.7	X	37.13009	168.07118	149.40326	2.75924	0.1043658	0.19903224	2.9052740	21	10 21.4	19.5
208356 2001 RP_{55}	15.2	X	147.41800	77.55868	354.48454	16.65399	0.1613378	0.17904074	3.1177034	21	4 22.6	20.4
208357 2001 RY_{55}	15.6	X	112.77926	130.84475	154.46308	13.63762	0.0768623	0.20699927	2.8302416	21	12 9.1	20.1
208358 2001 RQ_{56}	16.1	X	110.51448	108.70903	159.93073	4.98525	0.1029499	0.20480655	2.8504067	21	11 17.7	20.4
208359 2001 RE_{57}	15.4	X	181.47330	38.86433	0.72588	11.36472	0.1716164	0.17959560	3.1112788	21	4 18.0	20.6
208360 2001 RB_{64}	15.9	X	327.10932	344.11157	321.83366	10.44694	0.1496348	0.18907600	3.0063886	21	6 4.9	19.8
208361 2001 RP_{84}	15.6	X	261.91951	32.11664	307.18505	4.15783	0.2707799	0.18574230	3.0422542	21	4 9.2	20.6
208362 2001 RO_{95}	15.3	X	169.15788	230.34198	168.24366	16.93234	0.2270826	0.17729159	3.1381759	21	4 14.7	20.8
208363 2001 RT_{122}	15.9	X	82.00439	152.92537	159.25191	2.24770	0.0731049	0.20566442	2.8424747	21	12 5.7	19.9
208364 2001 RL_{123}	15.5	X	131.95746	95.49149	359.71977	9.38868	0.2042669	0.17842000	3.1249304	21	5 13.3	20.7
208365 2001 RX_{138}	15.7	X	0.34369	301.37495	58.62741	2.82405	0.0924622	0.20001845	2.8957163	21	10 20.3	19.2
208366 2001 RX_{144}	15.5	X	152.52874	63.48758	302.65086	15.91120	0.2675179	0.17314888	3.1880339	21	2 19.0	21.0
208367 2001 RC_{152}	15.1	X	213.59574	334.26919	54.78660	10.87917	0.1096810	0.18250646	3.0781082	21	5 9.1	19.8
208368 2001 RD_{153}	15.9	X	89.67690	322.11572	318.03358	3.00269	0.1588661	0.20463804	2.8519712	21	11 13.1	20.2
208369 2001 SL_{6}	16.4	X	85.02271	35.56016	231.39616	0.54890	0.0897388	0.20086387	2.8875854	21	10 15.5	20.4
208370 2001 SA_{24}	15.2	X	241.43963	309.77570	4.14487	9.66422	0.0658391	0.17682108	3.1437405	21	3 12.2	19.8
208371 2001 SA_{30}	15.8	X	303.91704	326.97497	23.58570	2.76673	0.1053423	0.18951355	3.0017593	21	7 6.5	19.6
208372 2001 SB_{33}	15.7	X	185.14163	265.64536	184.10841	4.65985	0.1884382	0.18294457	3.0731921	21	6 23.3	20.9
208373 2001 SR_{33}	15.4	X	233.98747	1.47487	9.65031	8.96062	0.2762582	0.18264924	3.0765039	21	4 24.4	20.9
208374 2001 SS_{42}	15.0	X	129.00118	46.72975	9.13491	16.06507	0.0943629	0.17358350	3.1827102	21	3 18.5	19.6
208375 2001 SX_{53}	15.1	X	252.55950	317.18013	37.36856	11.71759	0.1521158	0.18246311	3.0785958	21	5 1.7	19.8
208376 2001 SE_{59}	15.1	X	251.56819	189.17635	181.80476	10.01493	0.0830695	0.18299263	3.0726540	21	5 30.4	19.7
208377 2001 SO_{75}	15.8	X	310.23925	7.41104	337.30945	8.37633	0.2174546	0.19045554	2.9918534	21	6 20.9	19.6
208378 2001 SU_{77}	15.6	X	177.26423	73.87077	359.93224	9.00466	0.1044563	0.18335655	3.0685869	21	5 24.8	20.6
208379 2001 SR_{78}	15.7	X	72.68265	250.36295	11.82661	1.77818	0.0487956	0.19652121	2.9299695	21	9 18.5	19.7
208380 2001 SM_{89}	15.5	X	229.56604	19.29877	331.74866	9.14888	0.1170357	0.18156968	3.0886865	21	4 4.2	20.5
208381 2001 SX_{90}	15.3	X	100.54787	135.36775	339.49416	9.09265	0.0968185	0.17891341	3.1191825	21	4 19.9	19.8
208382 2001 SJ_{93}	16.1	X	8.80718	179.94634	186.17646	6.04512	0.1033337	0.20171676	2.8794402	21	11 12.3	19.6
208383 2001 ST_{95}	16.1	X	246.03543	144.60872	264.12951	0.90291	0.1762010	0.18874095	3.0099454	21	6 28.9	20.7
208384 2001 SO_{100}	15.7	X	109.56727	212.88127	344.93872	11.42572	0.0065735	0.19161701	2.9797512	21	8 9.9	19.9
208385 2001 SB_{130}	15.3	X	109.21148	98.79228	352.66137	11.60395	0.1522043	0.17492495	3.1664177	21	4 9.5	20.0
208386 2001 SQ_{131}	15.4	X	137.19798	128.96554	356.13766	11.28570	0.0601920	0.18456106	3.0552212	21	6 13.5	20.1
208387 2001 SJ_{132}	15.2	X	280.53037	301.91814	348.02465	9.47679	0.0735092	0.17939744	3.1135694	21	3 23.0	19.7
208388 2001 SP_{139}	16.0	X	290.34357	42.63212	331.16401	1.36997	0.1178700	0.19029050	2.9935830	21	7 15.8	19.8
208389 2001 SZ_{139}	16.1	X	5.07181	353.04941	334.95344	1.50405	0.1461141	0.19586834	2.9364767	21	9 17.1	19.3
208390 2001 SW_{156}	15.2	X	175.71516	58.15731	338.83802	11.29604	0.1871162	0.17747490	3.1360147	21	4 9.4	20.6
208391 2001 SG_{165}	15.8	X	217.62221	17.43061	8.12712	1.71465	0.1296150	0.18460540	3.0547320	21	5 6.7	20.5
208392 2001 SX_{168}	15.8	X	265.33149	177.10315	179.14932	5.42412	0.1773981	0.18407653	3.0605802	21	5 15.8	20.5
208393 2001 SJ_{172}	16.2	X	62.23878	162.10882	150.05278	1.59703	0.1326258	0.20242740	2.8726972	21	11 20.2	20.3
208394 2001 SD_{174}	15.5	X	189.33394	326.53744	110.80997	3.04994	0.1481470	0.18208164	3.0828942	21	6 12.4	20.5
208395 2001 SY_{175}	15.7	X	282.83967	205.01741	170.70459	10.79988	0.1222038	0.18962866	3.0005444	21	7 6.3	20.0
208396 2001 SZ_{182}	16.3	X	238.17096	297.36204	61.32703	1.16576	0.2293997	0.18462451	3.0545213	21	4 17.9	21.3
208397 2001 SV_{197}	16.1	X	333.88113	323.95475	31.88078	2.19242	0.0932041	0.19534990	2.9416697	21	9 1.3	19.7
208398 2001 SD_{200}	15.8	X	167.20659	15.11839	53.19292	1.43527	0.1669934	0.18026388	3.1035845	21	5 12.9	20.9
208399 2001 SW_{201}	15.6	X	145.76233	63.04319	3.64340	13.20063	0.1413882	0.17729607	3.1381231	21	4 16.4	20.5
208400 2001 SF_{203}	15.8	X	283.09064	18.75986	37.82081	2.39593	0.0635801	0.19529825	2.9421884	21	9 9.5	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208401 2001 SV_{210}	15.7	X	152.58070	241.56164	29.75629	6.77809	0.1489112	0.21027003	2.8008152	21	12 31.1	20.4
208402 2001 SY_{210}	15.5	X	247.71408	49.49888	4.65839	8.53370	0.0842865	0.18965935	3.0002207	21	7 20.7	19.9
208403 2001 SM_{217}	15.7	X	145.06054	51.17076	11.45991	12.76672	0.1381865	0.17632635	3.1496181	21	4 12.3	20.6
208404 2001 SY_{220}	16.2	X	333.81049	156.77269	177.20684	0.26656	0.1265261	0.19232752	2.9724081	21	7 29.4	19.6
208405 2001 SP_{227}	15.8	X	347.08738	148.43342	192.99485	4.71198	0.0839831	0.19358676	2.9595041	21	8 31.9	19.5
208406 2001 SD_{228}	15.9	X	308.25511	202.41998	184.14679	4.73529	0.0577674	0.19322668	2.9631797	21	9 4.1	19.7
208407 2001 SF_{231}	15.5	X	77.77799	182.93985	93.41997	3.13038	0.0571121	0.19729629	2.9222909	21	10 15.4	19.5
208408 2001 SD_{234}	15.3	X	23.26892	283.77825	31.79406	9.92627	0.1141442	0.19621058	2.9330610	21	10 1.1	18.9
208409 2001 SG_{241}	15.4	X	7.29893	244.31718	17.29597	10.22928	0.0275771	0.18486328	3.0518905	21	6 16.2	19.7
208410 2001 SF_{242}	15.3	X	238.08505	336.03195	21.21034	10.67050	0.1108447	0.18049019	3.1009896	21	4 23.2	20.1
208411 2001 SY_{243}	16.2	X	3.08759	245.16589	60.63197	2.67896	0.1307805	0.19269301	2.9686483	21	8 13.5	19.6
208412 2001 SF_{251}	15.1	X	58.12909	125.33665	177.72095	5.84658	0.1122779	0.19797587	2.9155995	21	11 1.3	19.2
208413 2001 SV_{268}	16.2	X	174.79065	78.44461	174.48626	9.23059	0.1188428	0.21201943	2.7853874	21	12 30.4	20.7
208414 2001 SO_{274}	16.1	X	143.63735	108.04706	7.45363	0.43783	0.1277590	0.18168804	3.0873449	21	6 14.9	21.0
208415 2001 ST_{274}	16.4	X	187.52733	348.15021	18.45918	2.50112	0.1499351	0.17557962	3.1585420	21	3 19.1	21.4
208416 2001 SN_{283}	16.0	X	36.39832	264.83026	7.13686	11.18289	0.0745724	0.19157461	2.9801909	21	8 20.1	20.0
208417 2001 SH_{293}	15.8	X	182.52041	251.99969	190.55011	1.85366	0.1866900	0.18401491	3.0612635	21	6 12.6	21.0
208418 2001 SJ_{302}	17.8	X	67.75256	84.09897	298.35472	1.42306	0.1116709	0.31049556	2.1598941	21	—	—
208419 2001 SX_{311}	15.2	X	214.95940	79.25668	350.51381	18.26764	0.1194436	0.18579497	3.0416793	21	7 1.2	20.3
208420 2001 SQ_{324}	15.3	X	187.77883	132.60672	293.86558	9.47613	0.0836960	0.18450513	3.0558386	21	5 27.6	20.0
208421 2001 SU_{333}	15.6	X	86.03008	44.03930	187.37335	12.74205	0.1125272	0.19232733	2.9724100	21	9 2.1	20.0
208422 2001 SE_{340}	15.8	X	73.01857	314.28373	329.11147	15.31459	0.2351584	0.20246685	2.8723241	21	11 2.8	20.5
208423 2001 SU_{342}	14.9	X	313.16820	208.89372	138.05886	11.50067	0.0163220	0.18874430	3.0099098	21	7 25.3	18.9
208424 2001 SF_{345}	14.8	X	186.19584	314.76388	48.43953	28.15963	0.2015379	0.17549093	3.1596060	21	3 30.1	20.6
208425 Zehavi	15.7	X	143.06645	24.57907	76.21165	11.99831	0.0573091	0.17923277	3.1154763	21	5 22.7	20.3
208426 2001 SE_{355}	15.6	X	263.37567	22.45746	305.55747	9.80816	0.1464925	0.18186466	3.0853457	21	4 6.5	20.4
208427 2001 TU_{5}	14.9	X	169.61723	51.67546	47.55844	9.61228	0.1115599	0.18557279	3.0441065	21	6 19.4	19.7
208428 2001 TO_{16}	15.4	X	207.65493	231.66613	155.68445	16.08321	0.1812868	0.17884066	3.1200284	21	5 3.2	20.8
208429 2001 TM_{47}	15.4	X	335.35068	180.00314	156.59087	10.49047	0.0709492	0.19007153	2.9958818	21	8 7.2	19.2
208430 2001 TQ_{51}	17.4	X	345.50698	7.85733	52.64764	3.19168	0.1949309	0.30157558	2.2022770	21	—	—
208431 2001 TZ_{69}	15.9	X	263.30155	127.21604	260.73262	1.16645	0.0907723	0.18697270	3.0288928	21	7 2.6	20.2
208432 2001 TF_{84}	15.4	X	348.46828	308.95924	349.86518	10.71400	0.1411598	0.18992373	2.9974359	21	7 7.9	19.0
208433 2001 TX_{84}	15.1	X	27.40659	39.94374	213.06957	8.04372	0.0231462	0.18566511	3.0430974	21	7 2.3	19.4
208434 2001 TM_{85}	15.5	X	279.43173	4.06819	335.06719	8.64976	0.1406120	0.18511202	3.0491559	21	5 10.7	20.0
208435 2001 TV_{90}	15.2	X	250.45218	6.02863	351.87465	10.05429	0.0940878	0.18217368	3.0818557	21	5 6.4	19.9
208436 2001 TP_{102}	15.7	X	300.53630	124.46635	208.41739	2.83570	0.1165134	0.18607639	3.0386116	21	6 6.3	19.6
208437 2001 TQ_{108}	15.6	X	322.55180	322.72978	359.77926	8.52605	0.0949103	0.18801078	3.0177335	21	6 28.7	19.5
208438 2001 TT_{109}	15.1	X	300.60672	321.36136	10.86338	10.10516	0.0580441	0.18423134	3.0588655	21	6 12.8	19.5
208439 2001 TY_{111}	14.6	X	279.85009	139.60439	228.08934	9.63144	0.1085682	0.18593601	3.0401409	21	6 24.1	19.0
208440 2001 TR_{119}	15.5	X	223.76871	33.58144	331.76202	14.12117	0.2725992	0.18029127	3.1032702	21	4 6.4	21.1
208441 2001 TR_{125}	15.8	X	233.75368	37.51835	327.93550	9.33491	0.1383958	0.18079130	3.0975455	21	4 23.9	20.9
208442 2001 TQ_{129}	15.8	X	150.29885	146.17605	296.65285	0.39531	0.1341425	0.17827566	3.1266169	21	5 12.9	20.7
208443 2001 TZ_{131}	16.1	X	141.27120	62.24863	359.22086	4.85959	0.1598515	0.17465963	3.1696236	21	4 9.9	21.0
208444 2001 TT_{135}	15.3	X	164.52506	149.63253	285.77013	8.09696	0.0723870	0.17991442	3.1076020	21	5 13.0	20.1
208445 2001 TB_{137}	15.1	X	160.87177	348.58099	55.52425	16.26932	0.2506639	0.17511067	3.1641785	21	4 17.9	20.6
208446 2001 TZ_{145}	16.1	X	262.00957	287.04286	59.63063	7.52242	0.1450617	0.18329421	3.0692827	21	5 4.1	20.8
208447 2001 TT_{147}	15.2	X	309.01551	188.41686	161.66090	9.22850	0.1160373	0.18920129	3.0050612	21	7 10.7	19.2
208448 2001 TC_{157}	16.0	X	260.85092	186.06495	181.74744	3.84091	0.1017808	0.18467642	3.0539487	21	6 2.9	20.5
208449 2001 TK_{163}	15.4	X	38.93144	218.75522	12.91747	17.10023	0.0286171	0.18530027	3.0470905	21	6 20.7	19.9
208450 2001 TY_{163}	15.6	X	37.41017	132.45202	179.18357	7.91365	0.0274567	0.19604254	2.9347369	21	10 3.1	19.4
208451 2001 TT_{170}	15.5	X	231.66458	30.62548	354.47839	11.62309	0.1249927	0.18200026	3.0838130	21	5 17.1	20.5
208452 2001 TA_{171}	15.3	X	105.94314	109.86690	357.13169	13.39118	0.1940136	0.17409303	3.1764971	21	4 28.9	20.2
208453 2001 TO_{172}	15.1	X	153.75203	12.84487	40.60111	9.87929	0.0872970	0.17541798	3.1604820	21	4 9.9	19.8
208454 2001 TT_{177}	15.5	X	171.58495	115.23163	347.48501	5.25741	0.0606651	0.18387178	3.0628519	21	6 25.6	20.1
208455 2001 TN_{181}	15.0	X	282.00222	348.39480	346.39923	8.59816	0.1165741	0.18325004	3.0697759	21	5 11.9	19.5
208456 2001 TY_{185}	15.6	X	295.57848	87.54149	241.13962	4.19141	0.1831632	0.18563135	3.0434663	21	5 14.4	19.8
208457 2001 TR_{200}	15.1	X	121.70877	339.18382	83.22599	10.00529	0.0791971	0.17280841	3.1922199	21	3 19.2	19.9
208458 2001 TW_{205}	15.0	X	194.87385	292.57378	101.95488	10.41523	0.0968123	0.17700901	3.1415149	21	5 1.3	20.0
208459 2001 TG_{211}	15.3	X	354.26079	27.20736	292.63118	8.88854	0.0728465	0.19305757	2.9649098	21	8 12.9	19.1
208460 2001 TT_{213}	15.2	X	237.54889	119.39211	270.35875	8.28896	0.0917860	0.18397413	3.0617158	21	6 4.6	19.9
208461 2001 TY_{258}	15.8	X	153.91599	107.78614	338.42443	8.09232	0.0364171	0.18030079	3.1031609	21	5 11.0	20.4
208462 2001 UR_{7}	15.1	X	201.38678	155.28345	234.92532	9.75622	0.1166804	0.17953673	3.1119588	21	4 26.9	20.0
208463 2001 UH_{32}	14.9	X	184.78417	33.98394	39.54747	28.19563	0.1472230	0.18117232	3.0932011	21	5 27.4	20.2
208464 2001 UO_{44}	15.8	X	249.68445	305.97120	58.75891	2.58026	0.2057859	0.18266577	3.0763183	21	5 6.9	20.6
208465 2001 UZ_{70}	16.2	X	145.50371	207.99542	218.73370	0.49250	0.1969573	0.17303525	3.1894294	21	4 23.9	21.4
208466 2001 UW_{71}	15.9	X	29.28583	67.62341	225.01146	3.72300	0.1078529	0.19418035	2.9534698	21	9 4.1	19.5
208467 2001 UV_{77}	16.1	X	152.46718	187.43491	222.67664	0.83741	0.2007371	0.17253106	3.1956401	21	4 10.6	21.3
208468 2001 UL_{85}	16.3	X	110.25341	271.24936	188.59635	4.46657	0.1540221	0.17439644	3.1728117	21	4 25.5	21.0
208469 2001 UE_{92}	17.5	X	72.26346	207.74121	198.99786	1.60349	0.1316425	0.31146792	2.1553965	21	—	—
208470 2001 UG_{96}	15.7	X	161.13900	347.09618	37.62731	1.80260	0.2001514	0.17252452	3.1957208	21	3 20.1	20.9
208471 2001 UP_{106}	15.7	X	14.24266	187.27475	128.97902	2.83159	0.0724667	0.19152009	2.9807564	21	9 11.2	19.5
208472 2001 UY_{108}	16.5	X	342.88540	190.28787	210.63097	4.06761	0.1499634	0.29703972	2.2246398	21	12 14.9	18.2
208473 2001 UL_{113}	15.1	X	82.49395	76.50104	35.52862	12.96785	0.0942943	0.17198562	3.2023930	21	4 1.5	19.5
208474 2001 UP_{122}	15.7	X	261.49222	313.98173	57.09166	7.03679	0.2857278	0.18389940	3.0625452	21	5 17.5	20.5
208475 2001 UX_{126}	15.4	X	213.39053	332.48925	70.33811	6.45940	0.1534493	0.18029012	3.1032834	21	5 23.5	20.4
208476 2001 UB_{127}	14.9	X	238.15049	169.18255	198.52842	10.46200	0.0637082	0.17919452	3.1159195	21	5 13.1	19.5
208477 2001 UW_{130}	15.9	X	277.20722	134.13388	197.99127	4.87681	0.1341152	0.18172259	3.0869536	21	5 4.2	20.4
208478 2001 UO_{132}	16.6	X	356.71188	175.93998	232.05544	6.91146	0.0899486	0.29910774	2.2143739	21	—	—
208479 2001 UC_{137}	14.6	X	7.87625	61.65540	242.59771	9.97999	0.1556620	0.19069917	2.9893046	21	8 15.3	18.1
208480 2001 UP_{138}	15.8	X	213.20889	248.72605	182.81944	0.57341	0.0932632	0.18434054	3.0576573	21	6 30.6	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208481 2001 US_{157}	15.1	X	235.22153	276.37726	62.51735	11.80216	0.1123203	0.17460360	3.1703017	21	4 5.3	20.1
208482 2001 UZ_{162}	14.8	X	321.86057	224.01853	61.14213	23.95747	0.1699303	0.17967889	3.1103172	21	5 4.1	18.9
208483 2001 UH_{190}	16.1	X	225.40154	45.96713	285.23561	3.66090	0.1260020	0.17702384	3.1413395	21	3 9.8	21.1
208484 2001 UD_{196}	15.1	X	75.35444	165.49971	35.84369	12.44359	0.0910482	0.18301101	3.0724482	21	7 12.2	19.5
208485 2001 UG_{211}	15.4	X	85.62840	318.27089	217.26909	9.37092	0.1020542	0.18261546	3.0768833	21	6 21.5	19.8
208486 2001 VX_{50}	15.3	X	275.34283	14.05500	351.15710	8.76563	0.1713934	0.18507932	3.0495151	21	6 5.5	19.8
208487 2001 VC_{58}	15.0	X	125.69615	33.18976	38.39165	15.38638	0.1247552	0.17091846	3.2157090	21	4 7.9	19.8
208488 2001 VT_{63}	16.9	X	14.09399	152.53617	245.44517	7.97542	0.0198684	0.30109731	2.2046085	21	—	—
208489 2001 VH_{64}	16.6	X	29.17575	140.43429	255.00916	6.12061	0.0989950	0.30305547	2.1951016	21	—	—
208490 2001 VA_{73}	15.3	X	76.59580	324.26293	222.71399	8.40138	0.0584559	0.18077355	3.0977482	21	6 18.2	19.6
208491 2001 VH_{73}	16.0	X	136.80298	88.78414	50.16683	1.82257	0.1140873	0.18079221	3.0975351	21	7 6.3	20.6
208492 2001 VA_{78}	18.0	X	169.06620	308.38401	41.73226	3.03234	0.1802280	0.31843576	2.1238385	21	1 25.0	20.9
208493 2001 VH_{81}	15.0	X	162.68850	243.22643	166.85647	10.78192	0.0968640	0.17245658	3.1965600	21	4 16.3	20.0
208494 2001 VE_{91}	15.2	X	274.73690	229.01032	103.44785	13.65299	0.2430991	0.18214508	3.0821783	21	4 24.1	20.2
208495 2001 VP_{91}	15.0	X	128.11545	271.26195	175.09437	11.46889	0.0960120	0.17198673	3.2023792	21	4 23.5	19.8
208496 2001 VW_{96}	15.1	X	195.04666	220.27383	182.77492	13.86345	0.2061786	0.17521486	3.1629241	21	5 9.1	20.6
208497 2001 VH_{105}	17.7	X	27.67316	116.22410	293.54321	2.27747	0.1139423	0.30419996	2.1895924	21	—	—
208498 2001 VU_{111}	17.3	X	23.91544	327.27252	57.54252	6.36809	0.1299351	0.30073013	2.2064026	21	—	—
208499 Shokasonjuku	15.0	X	186.01370	300.67435	111.95429	14.14433	0.2034442	0.17804450	3.1293226	21	5 15.4	20.5
208500 2001 WW_{8}	15.1	X	332.02772	207.29834	96.95835	7.41246	0.2312208	0.18501707	3.0501991	21	6 2.5	18.4
208501 2001 WK_{17}	15.8	X	248.34051	333.74416	35.59949	5.29162	0.2025092	0.18276523	3.0752021	21	5 10.7	20.7
208502 2001 WX_{36}	15.0	X	36.21096	137.29807	55.53810	27.39587	0.1253514	0.17378237	3.1802816	21	5 9.5	18.9
208503 2001 WX_{78}	17.2	X	206.43584	199.50511	75.81605	4.68542	0.1205909	0.31133382	2.1560153	21	—	—
208504 2001 WM_{86}	17.0	X	340.83321	340.51831	76.70857	6.99593	0.1172426	0.29708252	2.2244261	21	12 31.9	19.1
208505 2001 WA_{91}	15.3	X	242.63667	351.96784	4.88204	8.15574	0.1566903	0.17826925	3.1266920	21	4 22.9	20.3
208506 2001 WB_{93}	17.0	X	315.41607	44.84815	31.99023	7.43546	0.1253059	0.29650734	2.2273019	21	12 12.0	18.8
208507 2001 XO	16.2	X	283.90364	63.00293	100.55337	22.80084	0.2237551	0.30148398	2.2027230	21	—	—
208508 2001 XA_{12}	15.2	X	150.70895	96.66950	8.29746	9.85963	0.0412029	0.17600252	3.1534803	21	6 1.3	20.0
208509 2001 XG_{60}	17.1	X	308.90642	319.33280	94.40267	5.18249	0.2198540	0.29217647	2.2492577	21	10 16.4	18.4
208510 2001 XR_{61}	16.9	X	15.83784	295.90294	114.57721	2.82986	0.1362986	0.30116012	2.2043019	21	—	—
208511 2001 XQ_{90}	15.6	X	198.67942	48.89422	307.59973	3.37261	0.1407236	0.17212044	3.2007205	21	3 15.6	20.9
208512 2001 XZ_{106}	16.9	X	82.15898	90.16789	318.21022	3.82376	0.1155516	0.31153160	2.1551027	21	—	—
208513 2001 XH_{107}	17.4	X	13.62224	160.60737	222.89124	0.78390	0.1339986	0.29891305	2.2153353	21	—	—
208514 2001 XJ_{117}	16.4	X	25.18873	74.31209	339.44857	4.74251	0.0376622	0.29925637	2.2136406	21	—	—
208515 2001 XC_{121}	17.3	X	94.46395	294.21980	85.63998	5.45184	0.0957802	0.31045789	2.1600688	21	—	—
208516 2001 XH_{127}	15.6	X	303.97726	247.13354	78.89907	3.77571	0.1919173	0.18314166	3.0709868	21	5 21.8	19.6
208517 2001 XQ_{129}	15.9	X	56.15974	223.00860	245.58425	1.23254	0.1860954	0.16254152	3.3252668	21	2 27.2	19.7
208518 2001 XA_{150}	17.0	X	16.72184	16.11996	352.47489	6.88265	0.1848087	0.29773275	2.2211862	21	—	—
208519 2001 XU_{190}	16.3	X	63.21102	316.09935	281.19484	23.25186	0.2341336	0.27564688	2.3383023	21	8 24.5	19.8
208520 2001 XA_{196}	16.7	X	272.31723	348.37150	109.39308	8.93038	0.1160391	0.28903233	2.2655402	21	10 28.6	19.2
208521 2001 XX_{197}	16.6	X	283.61351	168.38876	291.19862	6.91477	0.0986765	0.29020491	2.2594334	21	11 15.4	18.9
208522 2001 XY_{203}	17.1	X	343.96080	350.71190	127.82056	3.86363	0.0467747	0.30643049	2.1789540	21	—	—
208523 2001 XB_{214}	17.0	X	231.21917	327.45403	152.71650	4.24836	0.1871081	0.28645496	2.2791093	21	9 17.6	20.1
208524 2001 XW_{222}	17.3	X	352.29069	1.76248	56.82450	2.98240	0.0543929	0.30003511	2.2098086	21	—	—
208525 2001 XG_{223}	15.5	X	261.06734	7.63734	331.89317	2.85490	0.1404493	0.17806039	3.1291365	21	4 23.0	20.3
208526 2001 XD_{245}	15.4	X	178.12661	51.14654	34.96729	10.10018	0.0370460	0.18049177	3.1009715	21	6 10.1	20.0
208527 2001 XX_{248}	16.2	X	307.30242	233.87930	96.18922	24.55938	0.2350470	0.28498968	2.2869146	21	5 25.8	19.2
208528 2001 YB_{42}	16.9	X	317.92125	337.14822	60.64175	6.35073	0.1611012	0.29184281	2.2509718	21	10 16.4	18.5
208529 2001 YS_{78}	17.6	X	277.55188	56.67992	33.12087	2.91659	0.1903210	0.29015177	2.2597092	21	10 8.7	19.7
208530 2001 YV_{85}	17.0	X	36.05371	65.56431	329.93980	4.02524	0.1253037	0.29975531	2.2111835	21	—	—
208531 2001 YF_{99}	17.2	X	343.10498	226.48151	214.65787	1.69689	0.0765282	0.29982481	2.2108418	21	—	—
208532 2001 YP_{121}	17.4	X	293.92354	95.63733	332.88574	4.11885	0.1746775	0.29229768	2.2486359	21	10 7.3	19.3
208533 2001 YO_{125}	17.3	X	82.60309	23.74677	18.97760	3.60200	0.1464425	0.30952530	2.1644054	21	—	—
208534 2001 YD_{129}	16.7	X	34.70222	304.10239	59.65912	7.94259	0.1338439	0.29697877	2.2249441	21	—	—
208535 2001 YM_{134}	17.0	X	329.76640	33.28803	347.45042	5.38783	0.2297780	0.28996215	2.2606943	21	10 8.9	18.1
208536 2001 YF_{151}	14.4	X	357.03478	332.92938	268.80176	25.70508	0.1546335	0.17256769	3.1951879	21	4 28.4	18.6
208537 2001 YX_{152}	16.6	X	56.30262	33.81275	344.36102	6.66916	0.0547152	0.30018223	2.2090865	21	—	—
208538 2002 AX_{8}	18.4	X	245.98314	39.74952	42.79492	1.02445	0.1789829	0.28316100	2.2967502	21	8 14.4	21.3
208539 2002 AM_{13}	16.7	X	42.31856	45.97053	327.49601	3.88670	0.1856615	0.29849630	2.2173968	21	—	—
208540 2002 AY_{19}	16.6	X	95.35782	225.69063	133.01327	4.12328	0.1746059	0.30346543	2.1931242	21	—	—
208541 2002 AZ_{40}	16.7	X	229.33007	336.91694	137.48149	6.50121	0.1500647	0.28418519	2.2912286	21	9 12.8	19.9
208542 2002 AM_{66}	15.3	X	300.31046	159.56277	129.15286	3.08668	0.1109329	0.16797452	3.2531727	21	4 13.8	19.8
208543 2002 AK_{84}	16.7	X	276.34721	198.19264	231.77355	5.23266	0.0707709	0.28662206	2.2782234	21	9 23.5	19.2
208544 2002 AE_{92}	16.6	X	116.39965	27.26662	209.32121	8.08394	0.1633860	0.27976221	2.3153146	21	10 26.9	20.0
208545 2002 AO_{99}	17.3	X	247.08629	44.06992	62.51099	2.30742	0.1848182	0.28653094	2.2787064	21	9 18.7	20.2
208546 2002 AS_{103}	16.6	X	293.64285	14.95428	312.57077	11.76309	0.1081019	0.27384324	2.3485584	21	5 11.7	19.8
208547 2002 AN_{109}	16.4	X	137.22336	59.65768	122.55986	23.12653	0.1603410	0.27847803	2.3224271	21	9 12.0	20.3
208548 2002 AW_{110}	17.1	X	289.75407	137.54528	320.78976	6.23511	0.0785972	0.29095751	2.2555355	21	11 26.9	19.5
208549 2002 AH_{111}	17.1	X	308.38735	129.56620	325.42643	4.45586	0.0837278	0.29314824	2.2442842	21	12 26.5	19.2
208550 2002 AQ_{115}	16.7	X	14.64221	273.01453	107.99383	5.45923	0.1392105	0.29331537	2.2434316	21	—	—
208551 2002 AJ_{126}	16.9	X	174.81943	313.88350	106.45471	7.34230	0.0808771	0.27073872	2.3664780	21	5 4.5	20.3
208552 2002 AX_{126}	17.3	X	137.89062	64.88449	145.46322	3.52426	0.0967431	0.28433352	2.2904317	21	10 13.7	20.4
208553 2002 AL_{165}	16.6	X	194.45843	89.01695	137.98540	8.12379	0.1181359	0.29214284	2.2494304	21	—	—
208554 2002 AT_{177}	16.8	X	345.50319	77.09317	324.04498	4.96195	0.1690432	0.29192178	2.2505658	21	12 21.4	18.7
208555 2002 AM_{178}	16.6	X	300.45917	88.71950	330.73333	4.73828	0.1640826	0.28732580	2.2745019	21	10 6.5	18.5
208556 2002 AY_{178}	16.9	X	138.53447	124.66390	344.82070	1.02082	0.1446623	0.26997616	2.3709320	21	5 31.5	20.3
208557 2002 AJ_{184}	17.0	X	305.17266	43.97271	42.09356	4.16325	0.1282290	0.29242547	2.2479807	21	12 4.7	18.7
208558 2002 AF_{186}	17.0	X	234.58420	103.51182	54.72257	7.05329	0.0301765	0.29200461	2.2501402	21	12 6.2	19.6
208559 2002 AR_{202}	17.1	X	161.16794	26.85592	163.16400	5.81643	0.0844452	0.28315128	2.2968027	21	10 12.6	20.3
208560 2002 AT_{205}	15.1	X	193.45139	314.00787	87.76222	12.23153	0.1075709	0.17927385	3.1150003	21	5 8.0	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208561 2002 BF_{20}	16.0	X	168.28703	4.98244	143.54489	24.58289	0.1575027	0.27913588	2.3187768	21	8 23.8	19.6
208562 2002 BP_{29}	16.3	X	280.07414	354.84385	72.05354	11.21985	0.1651199	0.28571003	2.2830691	21	9 18.9	18.9
208563 2002 CL_{4}	16.9	X	74.52553	245.99942	127.64255	5.97878	0.2453744	0.30114402	2.2043805	21	—	—
208564 2002 CT_{10}	15.9	X	240.17643	13.13558	107.21130	23.86083	0.1371211	0.28269177	2.2992910	21	10 17.9	19.5
208565 2002 CT_{11}	17.1	X	332.17773	24.87637	6.05880	53.85333	0.5386622	0.69846565	1.2580735	21	—	—
208566 2002 CP_{19}	16.6	X	51.59370	28.62050	335.96398	5.85328	0.1241042	0.29545670	2.2325789	21	—	—
208567 2002 CQ_{20}	17.0	X	254.93546	8.79781	179.13880	7.70521	0.0543826	0.29609041	2.2293922	21	—	—
208568 2002 CH_{22}	17.2	X	121.79826	133.05844	352.22346	0.93092	0.1366664	0.26931407	2.3748163	21	6 2.1	20.5
208569 2002 CF_{23}	16.8	X	241.23715	258.85718	196.63623	7.64093	0.0756251	0.28187312	2.3037408	21	9 8.1	19.7
208570 2002 CR_{23}	16.8	X	312.94479	267.91494	161.56511	8.34412	0.1285663	0.29150406	2.2527153	21	11 27.1	18.8
208571 2002 CE_{24}	16.3	X	289.06658	199.07149	256.59869	6.71493	0.1049153	0.29043276	2.2582516	21	11 19.9	18.5
208572 2002 CS_{30}	17.4	X	264.52187	28.90102	67.26538	3.73689	0.1189386	0.28676030	2.2774912	21	10 9.9	19.9
208573 2002 CT_{31}	17.0	X	222.37701	78.92378	74.06774	4.27072	0.1113151	0.28725097	2.2748969	21	11 1.1	20.0
208574 2002 CR_{32}	16.7	X	327.24335	80.62670	19.01532	6.35118	0.1048059	0.29583890	2.2306556	21	—	—
208575 2002 CE_{33}	16.8	X	203.23045	198.38666	28.51262	5.62622	0.1378636	0.29289677	2.2455686	21	—	—
208576 2002 CY_{34}	16.8	X	271.70295	33.32018	43.46990	5.34137	0.1681097	0.28556847	2.2838235	21	9 14.9	19.3
208577 2002 CS_{69}	16.7	X	115.38118	152.14892	138.60142	6.81755	0.1597909	0.29082314	2.2562302	21	—	—
208578 2002 CY_{69}	16.9	X	19.40588	7.43974	358.42983	2.48166	0.1016828	0.29068387	2.2569508	21	12 16.2	19.3
208579 2002 CV_{73}	16.8	X	168.84975	78.91278	117.87259	5.33773	0.0579602	0.28515474	2.2860321	21	11 1.7	19.9
208580 2002 CH_{79}	16.8	X	226.89044	130.26753	344.63522	5.44574	0.1186227	0.28249231	2.3003732	21	9 12.3	20.0
208581 2002 CT_{79}	16.6	X	124.55640	240.56697	331.84168	5.81863	0.1537985	0.27886441	2.3202814	21	9 30.8	20.2
208582 2002 CF_{93}	17.2	X	158.37859	158.50533	6.06848	2.80844	0.1281483	0.27821770	2.3238756	21	9 4.1	20.5
208583 2002 CR_{94}	17.7	X	203.08626	104.99347	21.21389	2.48520	0.1558464	0.27985065	2.3148268	21	8 29.3	21.1
208584 2002 CG_{95}	17.6	X	188.25293	149.46391	336.10047	1.59341	0.1760426	0.27778592	2.3262831	21	8 11.9	21.3
208585 2002 CF_{100}	17.1	X	218.13340	121.44492	28.85275	1.97332	0.1322102	0.28443948	2.2898628	21	10 18.9	20.1
208586 2002 CL_{114}	16.4	X	231.57422	92.03109	25.01719	8.00117	0.1105343	0.28253661	2.3001327	21	9 24.9	19.3
208587 2002 CQ_{114}	16.5	X	107.80567	147.52178	76.63902	3.39450	0.1261953	0.27675097	2.3320791	21	9 30.5	19.8
208588 2002 CJ_{115}	16.3	X	146.90780	257.36878	327.22599	22.98162	0.2277752	0.28330652	2.2959636	21	10 28.3	20.8
208589 2002 CW_{117}	16.7	X	114.69272	195.80235	343.92107	6.23514	0.0647203	0.27257628	2.3558303	21	8 1.4	19.8
208590 2002 CN_{127}	17.2	X	352.48934	85.35456	313.69894	5.61176	0.0949128	0.29199524	2.2501883	21	12 20.9	19.6
208591 2002 CO_{132}	16.8	X	245.53789	81.52092	334.11483	4.68670	0.1836556	0.27760650	2.3272853	21	7 7.1	20.1
208592 2002 CW_{139}	17.1	X	232.23426	291.44438	200.83418	3.37925	0.1597791	0.28580838	2.2825453	21	10 7.7	20.0
208593 2002 CQ_{140}	17.1	X	185.98616	264.53997	287.15946	1.86841	0.1730542	0.28461062	2.2889448	21	11 3.2	20.4
208594 2002 CU_{140}	17.4	X	199.53000	88.13593	66.84765	3.58603	0.0971997	0.28443479	2.2898880	21	10 8.9	20.5
208595 2002 CD_{142}	16.6	X	137.87356	343.14873	211.55406	4.66869	0.1286430	0.27839835	2.3228702	21	9 20.7	20.1
208596 2002 CN_{143}	17.0	X	327.39940	233.57127	151.29401	7.20068	0.2561203	0.28982470	2.2614090	21	10 14.9	17.9
208597 2002 CC_{159}	16.9	X	223.16101	81.49988	30.35471	3.23855	0.1146945	0.28081719	2.3095122	21	9 5.7	19.9
208598 2002 CN_{159}	16.3	X	188.89235	66.08165	116.98513	4.66456	0.0664813	0.28375345	2.2935521	21	11 6.2	19.3
208599 2002 CS_{160}	16.6	X	240.26704	124.17732	63.97237	6.46055	0.0787437	0.29569023	2.2314033	21	—	—
208600 2002 CT_{161}	17.1	X	156.05907	162.50895	10.68356	4.63528	0.1252961	0.27979240	2.3151481	21	9 13.5	20.4
208601 2002 CQ_{199}	17.0	X	141.30166	130.25589	133.15926	6.38282	0.1532809	0.28856722	2.2679739	21	12 23.5	20.4
208602 2002 CB_{208}	17.4	X	232.08438	69.19537	353.75897	3.31465	0.1628811	0.27719751	2.3295740	21	7 4.3	20.9
208603 2002 CE_{210}	17.4	X	279.89705	306.21684	139.09160	3.42910	0.1133648	0.28579243	2.2826302	21	10 19.4	19.7
208604 2002 CG_{211}	17.3	X	204.73869	87.15627	13.12416	2.16193	0.2462403	0.27836560	2.3230524	21	7 22.3	21.2
208605 2002 CV_{215}	17.7	X	200.82163	101.89513	19.18369	2.44900	0.1457092	0.27870140	2.3211860	21	8 20.7	21.1
208606 2002 CB_{218}	16.4	X	127.76337	239.38846	344.67150	7.21024	0.0643280	0.28068693	2.3102266	21	10 14.5	19.5
208607 2002 CX_{223}	17.0	X	159.90165	342.78926	207.52789	5.55029	0.1248607	0.28213826	2.3022972	21	10 8.7	20.4
208608 2002 CN_{236}	17.1	X	254.29471	33.53428	65.67762	5.02398	0.0892948	0.28679763	2.2772935	21	10 4.8	19.7
208609 2002 CY_{243}	17.0	X	235.00993	108.04849	345.89675	5.23912	0.2088420	0.27996589	2.3141916	21	8 14.6	20.2
208610 2002 CB_{254}	17.2	X	249.42301	231.92604	216.11806	6.80853	0.2085855	0.28490563	2.2873644	21	8 18.9	20.4
208611 2002 CP_{256}	17.0	X	254.03119	180.82818	355.58224	5.00437	0.0672247	0.29482827	2.2357503	21	—	—
208612 2002 CR_{256}	17.3	X	259.21236	357.07188	75.20505	3.43752	0.1380999	0.28294460	2.2979211	21	8 24.5	20.0
208613 2002 CK_{265}	16.8	X	215.87109	300.57831	128.45615	6.47682	0.1741441	0.27504345	2.3417211	21	6 24.6	20.5
208614 2002 CE_{270}	16.7	X	27.86352	142.53297	143.83431	7.43753	0.1182269	0.27646718	2.3336748	21	9 5.7	18.9
208615 2002 DG_{6}	17.8	X	193.59286	286.40530	200.62834	1.87635	0.1499570	0.27894196	2.3198513	21	8 19.3	21.3
208616 2002 DR_{15}	16.8	X	133.18328	307.55054	302.88841	5.14611	0.1420269	0.28515492	2.2860311	21	11 28.2	20.3
208617 2002 EB_{3}	17.7	X	68.43562	300.32536	1.55270	9.92364	0.6839822	0.42289496	1.7578469	21	—	—
208618 2002 EX_{4}	17.1	X	291.42755	245.35727	167.26433	7.44468	0.0830177	0.28094207	2.3088277	21	9 22.7	19.6
208619 2002 EP_{13}	16.5	X	66.46673	284.44368	320.87536	4.61176	0.1999861	0.27299015	2.3534486	21	9 16.1	19.5
208620 2002 EQ_{29}	16.6	X	107.72093	116.09791	168.16610	6.94926	0.1130974	0.28491043	2.2873387	21	12 16.1	20.0
208621 2002 EL_{42}	17.0	X	131.06114	69.32481	166.77759	4.39021	0.1872822	0.28133247	2.3066913	21	11 10.7	20.8
208622 2002 ET_{47}	16.6	X	96.71615	102.73039	179.26896	4.84724	0.2016219	0.28126751	2.3070464	21	12 7.3	20.3
208623 2002 EG_{49}	17.3	X	67.91263	352.40879	165.29548	1.58277	0.0953411	0.26424025	2.4051199	21	4 27.2	19.7
208624 2002 EZ_{49}	17.3	X	77.87155	261.51303	345.23532	2.37973	0.1564259	0.27516433	2.3410353	21	9 27.4	20.3
208625 2002 EW_{59}	16.5	X	293.56730	72.51920	336.26881	4.75313	0.1879266	0.28285347	2.2984146	21	9 2.7	18.8
208626 2002 EU_{61}	16.9	X	144.51987	88.71250	172.86174	2.86609	0.1385793	0.28622816	2.2803131	21	12 23.9	20.2
208627 2002 EJ_{72}	16.6	X	186.11194	247.72317	191.19987	3.95933	0.1160001	0.26916060	2.3757189	21	6 9.5	20.1
208628 2002 EE_{80}	16.7	X	140.81118	222.69166	5.64593	6.14109	0.0852834	0.28305383	2.2973298	21	11 5.9	19.9
208629 2002 EY_{83}	17.5	X	198.18855	0.68626	170.18636	3.84322	0.1897018	0.28292945	2.2980031	21	10 19.6	21.0
208630 2002 EA_{85}	16.8	X	132.45319	236.24611	27.95207	4.35548	0.1160306	0.28473733	2.2882657	21	12 15.1	20.1
208631 2002 ED_{88}	16.1	X	50.08506	249.66841	21.97318	7.10316	0.0831908	0.27317597	2.3523813	21	9 15.5	18.8
208632 2002 ET_{88}	17.1	X	126.13524	102.87397	112.11247	2.98631	0.1634103	0.27615826	2.3354148	21	10 9.6	20.7
208633 2002 EC_{90}	17.8	X	155.88168	97.18092	127.82074	1.27791	0.2032563	0.28272541	2.2991086	21	11 17.3	21.5
208634 2002 EF_{91}	16.6	X	144.05934	108.32155	125.77800	3.30973	0.1681278	0.28186098	2.3038069	21	11 19.3	20.2
208635 2002 EC_{92}	17.2	X	95.26498	73.70558	167.55581	2.99271	0.1241340	0.27576480	2.3376357	21	10 7.7	20.3
208636 2002 EE_{92}	16.7	X	337.22664	299.88557	356.21134	6.95568	0.1082263	0.26780671	2.3837191	21	6 10.1	19.2
208637 2002 EA_{96}	16.7	X	100.10465	294.75260	309.91544	3.78368	0.1336105	0.27864748	2.3214855	21	10 16.2	20.0
208638 2002 EJ_{100}	16.8	X	322.59773	6.15055	311.78432	2.19663	0.1841045	0.27135345	2.3629026	21	6 5.5	18.8
208639 2002 EX_{100}	16.7	X	220.83212	52.36349	51.34870	5.95667	0.1169621	0.27909628	2.3189961	21	8 23.9	20.0
208640 2002 EV_{102}	16.4	X	168.89465	245.86572	248.13510	6.30570	0.0582279	0.27514498	2.3411450	21	8 1.5	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208641 2002 EY_{103}	15.9	X	242.85713	76.29901	17.54574	22.81899	0.2718801	0.28201207	2.3029840	21	8 27.3	19.8
208642 2002 EZ_{103}	16.3	X	210.64492	59.75146	72.17739	9.75311	0.1311191	0.27985895	2.3147810	21	9 21.1	19.8
208643 2002 EG_{106}	16.4	X	222.14186	45.78192	70.04774	6.52250	0.1152093	0.27953565	2.3165655	21	9 12.2	19.6
208644 2002 EP_{108}	16.9	X	276.42713	86.06916	352.27704	7.27691	0.0628849	0.28321840	2.2964399	21	10 7.1	19.5
208645 2002 ET_{110}	16.5	X	111.15938	129.31736	86.34183	5.57443	0.0775490	0.27531002	2.3402093	21	9 19.5	19.7
208646 2002 EE_{111}	16.7	X	181.81710	64.28094	102.26911	3.76428	0.0904494	0.27978508	2.3151885	21	10 4.6	19.9
208647 2002 EX_{119}	17.3	X	111.47560	16.80615	229.67295	1.86668	0.1267523	0.27943772	2.3171067	21	11 1.0	20.7
208648 2002 EP_{123}	17.4	X	149.34140	54.97659	163.87984	4.12265	0.1034005	0.28160512	2.3052022	21	11 5.9	20.7
208649 2002 EQ_{124}	18.0	X	186.79070	150.59954	303.19135	1.54349	0.1726392	0.27293656	2.3537567	21	6 29.4	21.6
208650 2002 EX_{134}	17.2	X	212.44378	161.37199	300.79232	1.93549	0.1455942	0.27662224	2.3328026	21	8 6.3	20.5
208651 2002 EX_{151}	16.5	X	14.32177	255.37682	17.23162	7.54187	0.0972764	0.26730654	2.3866917	21	7 18.7	19.0
208652 2002 ET_{155}	16.9	X	132.15552	117.93666	24.74965	4.46149	0.1152087	0.26972888	2.3723809	21	7 6.7	20.2
208653 2002 FU_{3}	16.5	X	78.95485	123.75801	132.09460	9.38893	0.1932891	0.27455840	2.3444783	21	10 20.1	20.0
208654 2002 FZ_{8}	16.1	X	119.35365	4.68710	211.44523	6.65890	0.1450924	0.27644226	2.3338150	21	9 30.5	19.6
208655 2002 FG_{12}	17.1	X	255.59526	54.68651	43.93269	3.57402	0.1747198	0.28293617	2.2979667	21	9 20.3	19.9
208656 2002 FG_{13}	16.6	X	167.93506	65.28412	167.23027	6.55235	0.0631553	0.28479045	2.2879811	21	12 15.6	19.7
208657 2002 FE_{16}	16.5	X	105.28651	171.44626	92.53177	8.85475	0.1121625	0.28071732	2.3100599	21	11 18.5	19.8
208658 2002 FJ_{17}	16.7	X	182.20128	122.69382	96.15045	6.06835	0.2192499	0.28609092	2.2810423	21	12 2.1	20.2
208659 2002 FX_{21}	16.6	X	101.08035	284.25137	338.44895	6.15109	0.0820464	0.28023107	2.3127314	21	11 4.9	19.8
208660 2002 FU_{31}	16.8	X	230.42721	62.39925	29.63670	8.42010	0.1159868	0.27741135	2.3283766	21	8 20.4	20.1
208661 2002 GE_{4}	17.2	X	178.24320	108.21606	54.58240	22.65198	0.3005460	0.27858103	2.3218546	21	9 29.5	21.8
208662 2002 GD_{6}	15.4	X	7.55945	300.23034	27.31662	24.76659	0.2716804	0.27175780	2.3605582	21	10 22.7	17.2
208663 2002 GF_{11}	15.5	X	352.99369	191.05873	83.66908	25.70777	0.1975244	0.26164935	2.4209711	21	6 4.6	17.5
208664 2002 GN_{11}	16.5	X	24.61113	136.54115	155.96081	4.27022	0.1796905	0.26949739	2.3737392	21	9 17.7	18.6
208665 2002 GJ_{12}	16.3	X	52.08278	166.19319	115.16748	14.29149	0.2122345	0.27226739	2.3576118	21	10 27.7	19.6
208666 2002 GW_{15}	15.7	X	55.89168	276.85162	34.22501	6.28838	0.1782849	0.27873127	2.3210202	21	11 28.9	18.8
208667 2002 GD_{17}	16.5	X	71.43038	188.61224	69.74149	3.59736	0.1449151	0.27219463	2.3580319	21	10 5.6	19.5
208668 2002 GE_{26}	16.9	X	28.53370	298.98001	275.16257	1.44336	0.1726576	0.26134076	2.4228765	21	5 17.6	18.7
208669 2002 GY_{37}	16.2	X	34.91637	250.90696	20.22314	14.99495	0.1191767	0.26885985	2.3774903	21	9 1.2	19.0
208670 2002 GW_{47}	17.2	X	38.16109	124.51061	140.96228	0.30945	0.1654291	0.26808674	2.3820589	21	8 28.7	19.5
208671 2002 GS_{48}	16.7	X	0.72699	117.57164	203.58019	4.13864	0.0792929	0.27239846	2.3568555	21	9 2.5	19.3
208672 2002 GW_{65}	17.0	X	214.81720	19.72130	104.17152	2.75015	0.1733596	0.27814075	2.3243042	21	9 6.1	20.3
208673 2002 GU_{70}	16.5	X	93.36515	64.70182	87.72666	4.07793	0.1177008	0.26307054	2.4122440	21	6 1.2	19.5
208674 2002 GG_{82}	16.9	X	89.98129	96.87121	126.72415	4.00048	0.1529099	0.27107761	2.3645052	21	9 11.5	20.2
208675 2002 GW_{83}	16.4	X	14.00837	169.34424	113.37644	6.17152	0.2189410	0.26595394	2.3947771	21	8 15.4	18.0
208676 2002 GN_{86}	16.9	X	80.61273	72.40998	158.00271	5.57293	0.1301589	0.27028266	2.3691393	21	9 4.9	19.8
208677 2002 GE_{90}	17.4	X	139.84301	305.16555	193.46702	2.03609	0.1175805	0.26890063	2.3772499	21	7 9.2	20.8
208678 2002 GC_{94}	16.7	X	338.02071	329.43702	305.81495	3.13287	0.2476416	0.26002658	2.4310332	21	4 17.9	18.8
208679 2002 GD_{94}	16.9	X	180.01781	205.89052	305.89211	3.26846	0.1614772	0.27616046	2.3354024	21	9 6.4	20.5
208680 2002 GZ_{94}	16.6	X	101.08430	348.16615	220.00502	5.95038	0.0568617	0.27109884	2.3643818	21	8 18.1	19.7
208681 2002 GL_{97}	16.7	X	147.48070	101.21863	356.58132	4.44573	0.0916132	0.26481564	2.4016348	21	5 20.0	20.1
208682 2002 GT_{105}	16.5	X	133.36654	64.65821	124.66061	9.24459	0.0430742	0.27421977	2.3464080	21	9 7.3	19.6
208683 2002 GZ_{111}	16.5	X	201.91255	312.75232	163.31268	5.55512	0.0714988	0.27373475	2.3491789	21	8 18.4	19.6
208684 2002 GE_{113}	16.8	X	40.22450	136.48474	95.00693	5.90014	0.0856887	0.26642315	2.3919646	21	6 28.4	19.2
208685 2002 GG_{126}	17.0	X	87.33692	136.38410	85.35533	2.24665	0.1345262	0.26997480	2.3709400	21	9 2.9	20.2
208686 2002 GZ_{126}	17.0	X	155.06685	345.72665	180.71122	1.94471	0.0910516	0.27287429	2.3541148	21	9 1.1	20.4
208687 2002 GF_{127}	16.3	X	78.60756	71.10301	237.70886	2.81271	0.1638725	0.28221907	2.3018577	21	12 20.3	19.7
208688 2002 GR_{140}	17.3	X	355.89640	224.17710	33.05760	2.64419	0.1687617	0.26056301	2.4276955	21	5 12.2	19.3
208689 2002 GR_{142}	17.3	X	19.43868	95.57035	172.18361	1.22585	0.1612262	0.26470676	2.4022933	21	7 24.5	19.4
208690 2002 GK_{150}	17.2	X	63.89461	305.64696	319.71489	1.61093	0.1044845	0.27332579	2.3515216	21	9 26.8	20.0
208691 2002 GZ_{161}	16.3	X	42.95171	213.76594	39.60289	7.26092	0.0685040	0.26978206	2.3720691	21	8 6.2	19.1
208692 2002 GS_{163}	17.3	X	214.76817	331.73710	146.52894	2.20811	0.1600018	0.27713160	2.3299433	21	8 29.6	20.7
208693 2002 GA_{164}	16.4	X	32.75083	136.33050	124.18655	3.06714	0.1693856	0.26708917	2.3879865	21	8 11.8	18.6
208694 2002 GB_{175}	16.8	X	23.15211	131.57136	117.38574	3.42693	0.1453858	0.26501843	2.4004095	21	6 30.0	18.9
208695 2002 GZ_{181}	13.8	X	108.35821	96.89388	155.74512	15.58253	0.0979239	0.12496566	3.9622536	21	10 20.2	19.8
208696 2002 HS_{2}	16.2	X	22.95109	131.87101	156.73372	7.38071	0.1175481	0.27037828	2.3685807	21	8 29.1	18.5
208697 2002 HS_{3}	16.1	X	6.67415	137.93836	147.71702	9.92750	0.2220226	0.26468694	2.4024132	21	7 29.1	17.7
208698 2002 HW_{3}	16.5	X	99.84867	133.25695	142.11990	7.29158	0.1021274	0.27930742	2.3178273	21	11 26.1	19.8
208699 2002 HG_{4}	16.4	X	84.68120	202.74325	69.13263	5.81528	0.2157439	0.27448753	2.3448819	21	11 14.2	19.8
208700 2002 JK	16.2	X	94.46214	162.72767	46.26348	25.69411	0.1414442	0.26975739	2.3722137	21	9 11.5	20.2
208701 2002 JB_{8}	16.1	X	70.32997	72.43646	137.42249	6.66016	0.1185180	0.26671677	2.3902088	21	7 20.2	18.9
208702 2002 JC_{23}	17.2	X	128.73368	139.19780	72.55771	3.90757	0.2262734	0.27488285	2.3426331	21	10 10.6	21.1
208703 2002 JL_{24}	16.8	X	92.57049	166.43913	93.42625	5.19100	0.2028682	0.27478349	2.3431978	21	11 6.5	20.4
208704 2002 JT_{30}	16.3	X	55.69605	183.90875	69.20232	7.91585	0.0887767	0.26782278	2.3836238	21	8 30.4	19.2
208705 2002 JX_{33}	16.8	X	16.03128	168.89490	87.04931	3.93245	0.1703088	0.26197901	2.4189398	21	6 27.8	18.6
208706 2002 JS_{42}	16.7	X	100.26492	101.82279	122.85143	5.96684	0.1390135	0.27159447	2.3615044	21	9 24.4	20.0
208707 2002 JL_{51}	16.6	X	4.98434	38.76207	271.06085	1.69696	0.2243833	0.26550994	2.3974461	21	9 6.4	18.1
208708 2002 JT_{55}	17.1	X	323.38326	11.48907	261.19808	0.70240	0.1594149	0.25684566	2.4510635	21	4 4.9	20.0
208709 2002 JD_{61}	16.4	X	25.26563	146.51121	151.25607	1.52243	0.1922835	0.26929840	2.3749084	21	9 28.9	18.6
208710 2002 JR_{69}	16.4	X	79.03452	109.62880	158.93913	9.80990	0.1395716	0.27503634	2.3417615	21	10 29.5	19.7
208711 2002 JG_{74}	15.9	X	137.52308	173.58466	82.61574	24.78533	0.2103856	0.27791590	2.3255577	21	12 10.0	19.8
208712 2002 JR_{77}	16.6	X	42.26058	195.22559	33.20169	7.10339	0.0690489	0.26570520	2.3962715	21	6 25.0	19.3
208713 2002 JM_{83}	16.8	X	17.39241	283.74067	37.23472	3.54934	0.1906016	0.27082672	2.3659653	21	10 19.5	19.0
208714 2002 JF_{95}	16.7	X	70.56480	215.81380	24.29448	2.60212	0.1453562	0.26786931	2.3833477	21	9 8.1	19.6
208715 2002 JW_{95}	17.0	X	38.86296	260.18859	352.64370	2.14617	0.1485545	0.26449918	2.4035500	21	8 7.9	19.3
208716 2002 JZ_{95}	16.7	X	3.98589	32.71811	222.44984	1.72536	0.1793230	0.25960126	2.4336877	21	5 28.2	18.4
208717 2002 JD_{104}	16.8	X	61.53478	179.31326	98.35189	2.33580	0.1757990	0.27032222	2.3689082	21	10 22.9	19.9
208718 2002 JP_{105}	16.7	X	26.90837	176.51853	115.21869	3.93409	0.1794384	0.26612083	2.3937758	21	9 21.8	19.0
208719 2002 JJ_{114}	17.1	X	63.02279	278.46662	358.91376	0.92923	0.1720624	0.27196342	2.3593682	21	10 22.7	20.3
208720 2002 JS_{114}	16.2	X	309.58589	162.72616	121.04725	7.27006	0.1573982	0.25548087	2.4597849	21	4 4.6	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208721 2002 JT_{117}	16.6	X	54.57923	149.55547	107.67131	12.07478	0.2057848	0.26732463	2.3865841	21	9 25.2	19.8
208722 2002 JD_{119}	16.1	X	162.79075	68.41708	148.22506	12.41188	0.1069643	0.28131771	2.3067720	21	11 19.4	19.7
208723 2002 JP_{130}	16.6	X	335.69712	124.30098	159.23028	5.08341	0.1818004	0.25863568	2.4397412	21	5 11.7	18.9
208724 2002 JV_{130}	17.1	X	47.36876	17.59929	205.97497	2.86927	0.0788699	0.26323540	2.4112367	21	6 27.4	19.7
208725 2002 JY_{141}	17.0	X	103.81938	275.58191	287.75629	1.57460	0.1095080	0.26971360	2.3724705	21	8 23.8	20.3
208726 2002 KD_{3}	17.4	X	38.69687	182.92322	56.28427	1.90701	0.1451027	0.26414367	2.4057062	21	7 16.5	19.6
208727 2002 KZ_{3}	16.0	X	86.69972	51.29094	166.37787	23.46229	0.2328181	0.26669823	2.3903196	21	9 7.8	19.4
208728 2002 LO_{1}	16.9	X	152.34182	35.06057	177.44321	4.80354	0.1623125	0.27680135	2.3317962	21	10 30.5	20.6
208729 2002 LK_{8}	16.3	X	354.63282	101.50669	194.97924	5.68512	0.1284899	0.26291189	2.4132144	21	7 14.3	18.7
208730 2002 LJ_{26}	16.9	X	358.02303	134.49676	126.72417	3.09766	0.2025771	0.25867955	2.4394653	21	5 22.9	18.7
208731 2002 LY_{29}	16.2	X	170.04679	214.23416	128.35798	7.04123	0.2881414	0.23939259	2.5687919	21	2 4.3	20.7
208732 2002 LS_{30}	16.4	X	55.03019	142.04486	97.72348	8.34045	0.0519580	0.26531635	2.3986122	21	7 31.3	19.2
208733 2002 LS_{50}	15.7	X	102.03943	187.20661	163.05525	13.61902	0.2774910	0.22551617	2.6731147	21	—	—
208734 2002 NY_{13}	16.3	X	142.78012	356.93239	295.73268	8.34992	0.2622376	0.22787781	2.6546139	21	—	—
208735 2002 NJ_{17}	17.0	X	35.08459	201.16385	162.47776	24.06029	0.1021832	0.37752524	1.8960017	21	—	—
208736 2002 NL_{24}	15.9	X	243.06815	155.60098	145.25048	14.78291	0.1841989	0.24187846	2.5511613	21	2 9.1	20.0
208737 2002 NX_{25}	15.9	X	265.55554	148.25841	145.65987	11.34130	0.1467335	0.24346988	2.5400322	21	2 24.9	19.8
208738 2002 NS_{26}	15.7	X	201.29910	40.76593	288.67001	3.79987	0.3000493	0.18494210	3.0510233	21	2 14.7	21.4
208739 2002 NF_{30}	16.2	X	203.75328	253.77225	83.97559	4.37698	0.2348898	0.24076394	2.5590283	21	2 22.8	20.7
208740 2002 NA_{34}	16.6	X	137.16625	174.15381	116.78046	4.29349	0.1508077	0.22649397	2.6654157	21	—	—
208741 2002 NA_{38}	15.2	X	68.29045	202.01821	145.62096	26.45775	0.1191007	0.22194122	2.7017432	21	—	—
208742 2002 NA_{44}	16.4	X	132.03262	206.54123	142.52307	4.12673	0.2105976	0.23125192	2.6287290	21	1 2.5	20.1
208743 2002 NL_{47}	16.0	X	222.66237	245.59435	74.83900	3.41766	0.2042983	0.24197687	2.5504696	21	2 16.5	20.2
208744 2002 NL_{56}	16.5	X	182.14235	176.34130	173.44037	5.65853	0.1398385	0.24009383	2.5637876	21	2 13.2	20.6
208745 2002 NV_{60}	17.0	X	267.61910	182.92043	101.79771	1.20296	0.1615373	0.24436091	2.5338539	21	2 13.8	20.9
208746 2002 NW_{60}	16.3	X	70.43862	253.38563	135.43525	6.01690	0.0826163	0.22962616	2.6411220	21	—	—
208747 2002 NK_{62}	15.6	X	2.52802	285.34320	129.31584	12.06538	0.2173409	0.22164381	2.7041596	21	—	—
208748 2002 NO_{67}	16.8	X	244.86185	185.31400	110.36831	7.14491	0.1619614	0.24237135	2.5477014	21	2 6.7	20.8
208749 2002 OD_{5}	15.9	X	105.09667	177.78038	165.07701	9.50550	0.1018979	0.22578742	2.6709734	21	—	—
208750 2002 OW_{5}	16.3	X	138.10466	190.50806	166.57123	11.22115	0.1372736	0.23358227	2.6112160	21	1 8.4	20.1
208751 2002 OD_{17}	15.7	X	144.76411	181.14609	157.83052	16.44874	0.0563896	0.23223283	2.6213216	21	—	—
208752 2002 PC_{4}	16.3	X	44.53963	229.88717	156.06164	14.86545	0.2369962	0.22238723	2.6981297	21	—	—
208753 2002 PG_{5}	15.8	X	318.01954	214.54281	287.07175	13.39534	0.0289511	0.22827508	2.6515331	21	—	—
208754 2002 PY_{11}	17.4	X	304.63925	278.73793	143.94067	22.84205	0.1126874	0.37144772	1.9166269	21	11 28.7	19.4
208755 2002 PF_{15}	16.9	X	208.89680	156.93136	179.96794	2.80903	0.0816209	0.24246842	2.5470214	21	2 22.4	20.7
208756 2002 PK_{15}	16.5	X	92.48881	74.45346	272.17980	5.32999	0.1341814	0.22626987	2.6671754	21	—	—
208757 2002 PR_{43}	16.5	X	345.38280	232.87423	175.70493	21.96835	0.0913009	0.37067530	1.9192886	21	—	—
208758 2002 PU_{48}	15.4	X	86.90268	7.16655	317.93967	17.11734	0.2575097	0.22011861	2.7166365	21	—	—
208759 2002 PO_{59}	15.7	X	189.12079	169.59373	152.12514	15.70388	0.1572481	0.23409759	2.6073825	21	1 18.8	20.0
208760 2002 PB_{62}	16.0	X	243.78223	221.02388	107.16657	2.41602	0.1657156	0.24523883	2.5278030	21	3 16.9	20.1
208761 2002 PF_{64}	16.9	X	354.64828	80.11661	177.64775	2.52199	0.1794300	0.25482936	2.4639756	21	5 11.1	18.9
208762 2002 PP_{65}	16.0	X	141.79992	203.65333	144.28204	14.98022	0.0474051	0.23421202	2.6065332	21	—	—
208763 2002 PA_{74}	15.8	X	52.39925	209.15227	180.88722	14.93004	0.1790385	0.22318005	2.6917361	21	—	—
208764 2002 PT_{86}	15.3	X	147.46739	23.99436	327.89820	13.84210	0.1434035	0.23285309	2.6166645	21	1 17.1	19.2
208765 2002 PP_{87}	16.9	X	161.82454	259.43951	349.02263	20.12292	0.0472231	0.37854564	1.8925930	21	—	—
208766 2002 PP_{106}	16.3	X	288.18409	73.31365	297.94423	13.75098	0.1700147	0.20277254	2.8694365	21	7 2.2	20.2
208767 2002 PY_{109}	15.8	X	249.13469	170.83057	120.39535	10.45363	0.1673985	0.24190060	2.5510056	21	2 4.7	20.0
208768 2002 PZ_{109}	15.7	X	27.56194	69.58779	330.12680	16.97370	0.1154103	0.22269698	2.6956272	21	—	—
208769 2002 PK_{113}	16.2	X	202.12268	348.27764	335.73979	15.29039	0.1461993	0.23771059	2.5808952	21	2 5.2	20.3
208770 2002 PO_{115}	15.2	X	150.46989	61.87160	263.82919	13.92756	0.1603016	0.23078642	2.6322626	21	—	—
208771 2002 PE_{126}	16.1	X	177.27256	339.04115	341.86076	3.21624	0.2373642	0.23414412	2.6070371	21	1 13.6	20.5
208772 2002 PR_{134}	15.8	X	162.06185	199.66883	125.43671	4.67634	0.1341105	0.23182104	2.6244249	21	—	—
208773 2002 PZ_{137}	15.6	X	201.00358	193.31432	123.63011	14.86682	0.1356702	0.23667545	2.5884150	21	1 23.6	19.7
208774 2002 PG_{140}	15.8	X	165.98107	206.83553	117.97998	7.25472	0.3057752	0.23272748	2.6176060	21	1 13.5	20.4
208775 2002 PL_{142}	17.5	X	18.21554	265.42847	148.82151	23.60633	0.0612570	0.37953670	1.8892969	21	—	—
208776 2002 PL_{156}	16.4	X	45.15612	228.96863	138.56627	7.67785	0.1230037	0.22098983	2.7094919	21	—	—
208777 2002 PT_{165}	16.8	X	113.33472	207.74435	127.41893	3.13089	0.0714049	0.22599751	2.6693178	21	—	—
208778 2002 PF_{167}	16.1	X	68.66769	262.01364	125.93147	4.22557	0.1012895	0.22589495	2.6701257	21	—	—
208779 2002 PB_{178}	16.7	X	204.94715	206.10270	106.26613	3.59939	0.0921897	0.23701201	2.5859641	21	1 20.8	20.5
208780 2002 PO_{184}	16.8	X	201.81863	353.21619	306.50673	2.39644	0.1187914	0.23523687	2.5989572	21	1 3.5	20.8
208781 2002 QS_{2}	16.3	X	98.55918	84.64079	272.47073	1.59232	0.1301960	0.22628032	2.6670932	21	—	—
208782 2002 QZ_{8}	16.0	X	340.32556	9.59137	12.64929	10.05407	0.2000151	0.21096734	2.7946402	21	10 18.6	18.6
208783 2002 QV_{9}	15.8	X	284.73821	152.38463	109.59283	14.12695	0.2430439	0.24361172	2.5390461	21	1 26.3	19.8
208784 2002 QK_{10}	15.6	X	199.80122	275.78314	317.30725	27.08282	0.0769072	0.22530507	2.6747842	21	—	—
208785 2002 QQ_{13}	16.5	X	70.56442	103.26684	266.00567	4.78766	0.0424188	0.22433558	2.6824849	21	—	—
208786 2002 QA_{32}	16.3	X	166.65554	342.03286	357.08163	9.43333	0.1219875	0.23383318	2.6093477	21	1 19.0	20.3
208787 2002 QX_{32}	16.7	X	204.15636	315.69365	15.78436	0.63434	0.1010194	0.23735351	2.5834830	21	2 12.5	20.6
208788 2002 QL_{36}	15.7	X	121.74637	332.48738	337.16161	9.29696	0.1047413	0.22330976	2.6906936	21	—	—
208789 2002 QJ_{38}	16.3	X	85.93449	309.62328	19.50715	0.92237	0.1325854	0.21927475	2.7236020	21	—	—
208790 2002 QV_{46}	16.0	X	23.36707	358.74357	22.48662	7.62541	0.1197751	0.21796700	2.7344851	21	12 27.9	19.6
208791 2002 QT_{49}	16.4	X	329.87949	44.50418	22.41236	1.71708	0.2107368	0.21395053	2.7686016	21	12 2.1	18.7
208792 2002 QJ_{61}	15.9	X	4.97534	172.84611	265.94243	3.50479	0.0885912	0.22372361	2.6873744	21	—	—
208793 2002 QF_{65}	17.1	X	228.56984	318.36547	333.21677	3.58753	0.1410453	0.23790135	2.5795154	21	1 18.9	21.1
208794 2002 QV_{68}	16.9	X	108.99865	354.39289	328.23837	2.80448	0.0843183	0.22361268	2.6882631	21	—	—
208795 2002 QG_{69}	16.9	X	141.79333	222.39712	107.19231	1.40992	0.1517888	0.22941113	2.6427721	21	—	—
208796 2002 QC_{71}	16.7	X	19.56685	314.16622	142.82834	3.15515	0.0691453	0.22931629	2.6435008	21	—	—
208797 2002 QL_{72}	17.5	X	227.03229	110.81353	153.44709	4.33093	0.1400554	0.23432038	2.6057296	21	—	—
208798 2002 QN_{74}	16.0	X	11.10112	128.74260	357.12640	11.28467	0.1061061	0.23174377	2.6250083	21	—	—
208799 2002 QL_{78}	16.4	X	49.68002	256.80578	177.16134	4.07172	0.0993800	0.22981598	2.6396676	21	—	—
208800 2002 QP_{78}	16.6	X	85.64232	273.01223	100.64773	3.23723	0.0944920	0.22698081	2.6616030	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208801 2002 QU_{90}	15.9	X	327.94995	153.53633	9.17153	12.52351	0.1521506	0.23080678	2.6321078	21	—	—
208802 2002 QD_{91}	16.1	X	63.24661	295.04629	65.60614	6.84356	0.0549279	0.22087876	2.7104001	21	—	—
208803 2002 QL_{91}	16.6	X	245.31536	124.72833	174.59474	5.79794	0.1163754	0.24033753	2.5620543	21	2 12.1	20.6
208804 2002 QW_{92}	16.5	X	225.60532	169.13865	106.25110	3.38449	0.1390186	0.23474841	2.6025612	21	—	—
208805 2002 QY_{95}	16.6	X	126.07906	239.71914	118.05437	3.40175	0.1110124	0.23168982	2.6254158	21	—	—
208806 2002 QT_{99}	16.3	X	304.22600	92.77374	127.22487	5.25030	0.0741472	0.23754335	2.5821064	21	1 15.5	19.9
208807 2002 QN_{105}	16.7	X	208.58620	183.01578	97.66192	4.55528	0.0636247	0.23316983	2.6142943	21	—	—
208808 2002 QL_{107}	16.0	X	32.99258	295.41996	151.90323	15.36533	0.0563928	0.23062773	2.6334699	21	—	—
208809 2002 QW_{109}	16.8	X	64.79930	254.89457	146.96806	3.82841	0.0604811	0.22861652	2.6488923	21	—	—
208810 2002 QB_{119}	16.5	X	299.37830	38.53617	351.78338	3.63238	0.2512029	0.20637819	2.8359170	21	7 31.6	19.9
208811 2002 RQ	15.6	X	46.48419	245.31370	130.06175	8.23263	0.1576477	0.21665328	2.7455280	21	—	—
208812 2002 RE_{3}	16.7	X	163.93698	269.55910	45.67106	2.76689	0.2046653	0.22986204	2.6393149	21	—	—
208813 2002 RF_{6}	16.4	X	220.06260	179.04979	162.17514	11.24085	0.2024622	0.24150505	2.5537903	21	3 10.4	20.6
208814 2002 RR_{7}	16.4	X	186.32132	326.82839	11.96048	5.15000	0.1503388	0.23607145	2.5928282	21	2 7.7	20.5
208815 2002 RX_{10}	16.5	X	33.74661	222.55381	35.23431	1.60391	0.1616890	0.25745221	2.4472122	21	8 7.9	18.8
208816 2002 RV_{12}	16.5	X	156.51671	171.81746	164.57790	2.88279	0.2718333	0.23051941	2.6342948	21	1 16.9	20.7
208817 2002 RQ_{14}	16.2	X	217.32647	338.52475	345.81257	14.38169	0.1235210	0.23787882	2.5796782	21	2 19.1	20.2
208818 2002 RF_{16}	15.6	X	95.07463	174.34751	168.89177	11.31797	0.0882379	0.22296006	2.6935063	21	—	—
208819 2002 RV_{16}	15.8	X	73.10482	5.61679	340.95087	8.87235	0.1665769	0.21996251	2.7179217	21	—	—
208820 2002 RY_{19}	15.9	X	123.98041	172.29375	156.27769	11.78530	0.1628425	0.22450759	2.6811145	21	—	—
208821 2002 RF_{20}	16.0	X	187.12843	339.59328	9.04375	12.98669	0.1460459	0.23610747	2.5925644	21	2 23.0	20.2
208822 2002 RX_{26}	17.3	X	82.78363	351.25172	346.64742	19.77750	0.0722185	0.37827326	1.8935013	21	—	—
208823 2002 RJ_{27}	17.8	X	258.58061	287.41599	155.86230	5.18136	0.2561525	0.36234120	1.9486069	21	8 24.1	19.4
208824 2002 RK_{40}	15.7	X	177.87630	188.48614	144.27057	10.41331	0.0930240	0.23429190	2.6059407	21	1 17.3	19.5
208825 2002 RZ_{40}	16.4	X	318.13279	307.86635	354.45353	7.28899	0.1714144	0.25172552	2.4841885	21	5 5.5	19.4
208826 2002 RK_{41}	15.8	X	80.16894	201.73346	150.46439	15.55355	0.1005439	0.22236406	2.6983171	21	—	—
208827 2002 RP_{43}	16.1	X	173.50373	332.57318	351.56745	12.68763	0.1809992	0.23246834	2.6195509	21	1 13.2	20.5
208828 2002 RM_{46}	15.8	X	357.93124	27.09176	8.28266	9.81462	0.1492618	0.21438539	2.7648565	21	12 8.3	19.1
208829 2002 RW_{52}	16.5	X	187.93506	168.30995	133.85014	5.33478	0.1314864	0.23234671	2.6204650	21	—	—
208830 2002 RB_{58}	16.2	X	159.66574	85.45429	232.77047	3.43330	0.2024904	0.22928273	2.6437587	21	—	—
208831 2002 RM_{68}	15.9	X	333.97788	43.04286	355.44063	7.07798	0.1545937	0.21015162	2.8018673	21	10 27.4	18.9
208832 2002 RV_{71}	16.4	X	151.58647	45.65520	301.73614	2.08973	0.0742098	0.23200600	2.6230299	21	1 5.3	20.1
208833 2002 RZ_{79}	15.5	X	291.70184	98.73790	351.37529	24.25393	0.1873847	0.21058384	2.7980321	21	10 9.2	19.1
208834 2002 RN_{114}	15.8	X	156.44230	152.56374	172.76787	13.44947	0.1863666	0.22811034	2.6528095	21	—	—
208835 2002 RL_{122}	16.0	X	46.90238	357.71852	26.01432	14.60254	0.0355105	0.22036195	2.7146363	21	—	—
208836 2002 RY_{131}	15.8	X	250.95344	102.40719	288.35709	9.77686	0.2535853	0.19718417	2.9233985	21	6 3.2	20.7
208837 2002 RJ_{139}	15.8	X	154.98199	305.85200	40.45133	8.89196	0.0910560	0.23177707	2.6247568	21	1 11.2	19.6
208838 2002 RL_{144}	16.6	X	329.21220	218.12655	185.56436	4.59129	0.1546951	0.21038671	2.7997797	21	10 29.1	19.5
208839 2002 RA_{157}	16.1	X	220.74361	297.66687	343.25437	14.28057	0.0279489	0.23143931	2.6273099	21	1 1.3	20.0
208840 2002 RH_{158}	16.5	X	34.73521	40.19416	338.88329	5.50049	0.0296256	0.21805242	2.7337709	21	12 27.5	20.2
208841 2002 RH_{159}	16.0	X	113.02970	202.71165	174.97858	7.84964	0.0297280	0.22901770	2.6457980	21	—	—
208842 2002 RY_{165}	16.5	X	79.22669	309.29146	2.12060	3.18567	0.1901477	0.21742084	2.7390624	21	12 15.9	20.7
208843 2002 RL_{167}	15.9	X	228.62742	275.93269	353.77249	13.95642	0.0888115	0.23205020	2.6226968	21	—	—
208844 2002 RV_{171}	15.9	X	312.63229	79.04644	359.31403	12.71321	0.1851085	0.21109951	2.7934736	21	11 6.4	19.0
208845 2002 RJ_{175}	16.1	X	241.83411	76.40589	222.28124	3.98935	0.1202794	0.23873331	2.5735189	21	2 7.5	20.0
208846 2002 RB_{177}	15.8	X	61.33763	12.99926	310.07612	4.53996	0.0698873	0.21485291	2.7608441	21	11 24.6	19.6
208847 2002 RD_{194}	16.5	X	346.45075	277.57500	131.88042	3.04412	0.0959303	0.21511859	2.7585705	21	12 5.7	19.7
208848 2002 RG_{196}	16.2	X	275.29001	55.05606	354.28047	13.08462	0.2035050	0.20290318	2.8682048	21	8 2.9	20.4
208849 2002 RN_{205}	16.7	X	136.42626	205.12943	136.23812	3.52807	0.0931457	0.22877822	2.6476440	21	—	—
208850 2002 RS_{228}	15.7	X	106.38659	32.98327	8.49545	22.13409	0.0383447	0.23275303	2.6174144	21	1 19.2	19.7
208851 2002 RY_{244}	15.9	X	50.10813	43.63660	350.52502	11.53659	0.0518652	0.22469161	2.6796504	21	—	—
208852 2002 RV_{246}	16.7	X	248.23762	120.59119	167.64788	2.79813	0.1966739	0.24067371	2.5596678	21	1 28.8	20.8
208853 2002 RF_{265}	16.4	X	248.59092	347.21416	140.99891	3.48846	0.1362859	0.21156051	2.7894141	21	10 18.2	20.3
208854 2002 RX_{274}	16.6	X	321.37311	90.36572	132.43179	2.92819	0.0930165	0.24108276	2.5567717	21	2 6.9	19.7
208855 2002 RJ_{275}	16.7	X	324.05259	49.49046	356.82423	3.57354	0.2005130	0.21220746	2.7837418	21	10 18.4	19.3
208856 2002 SV_{9}	16.2	X	113.34662	228.44187	139.86842	2.75680	0.0924984	0.22616822	2.6679745	21	—	—
208857 2002 SC_{14}	16.2	X	92.61475	298.21150	18.79611	5.88798	0.0667174	0.21777613	2.7360826	21	12 24.7	20.2
208858 2002 SN_{22}	15.9	X	33.72958	325.36975	30.24233	4.27724	0.0889753	0.21356744	2.7719115	21	12 3.1	19.4
208859 2002 SE_{24}	16.2	X	12.93620	206.79060	163.44111	4.63246	0.1106003	0.21271995	2.7792689	21	11 26.8	19.6
208860 2002 SO_{26}	16.0	X	28.62962	34.41091	358.10973	8.07400	0.0544638	0.21826179	2.7320223	21	—	—
208861 2002 SH_{32}	15.4	X	85.02876	120.13562	196.88552	14.17333	0.0471611	0.21524747	2.7574692	21	12 13.6	19.5
208862 2002 SM_{38}	16.2	X	35.10761	7.87103	14.69325	6.17934	0.0474846	0.21764877	2.7371498	21	—	—
208863 2002 SM_{42}	16.2	X	45.96347	193.90377	200.50079	5.70599	0.0808390	0.21998104	2.7177691	21	—	—
208864 2002 SB_{48}	16.6	X	150.69702	122.01299	179.45040	1.44270	0.1843096	0.22522291	2.6754346	21	—	—
208865 2002 SA_{63}	16.1	X	310.35515	334.13191	102.77292	4.99158	0.0729288	0.21419218	2.7665189	21	11 16.3	19.5
208866 2002 SV_{70}	16.9	X	132.44197	209.61156	112.85908	1.59997	0.1105645	0.22662102	2.6644194	21	—	—
208867 2002 TK_{1}	15.8	X	108.34577	285.06529	23.93805	5.20385	0.1588473	0.22034842	2.7147474	21	—	—
208868 2002 TL_{4}	15.7	X	350.78242	197.10454	130.87490	3.37244	0.1996018	0.20395470	2.8583380	21	8 22.6	18.4
208869 2002 TR_{11}	16.0	X	107.59640	165.94657	134.33870	5.95736	0.1020969	0.21905263	2.7254428	21	12 23.5	20.1
208870 2002 TA_{15}	16.3	X	104.05866	327.11634	10.34772	5.32101	0.0698220	0.22121242	2.7076741	21	—	—
208871 2002 TX_{15}	15.6	X	276.10994	36.96017	193.37753	12.04785	0.0529391	0.23159850	2.6261058	21	—	—
208872 2002 TX_{31}	15.4	X	43.58804	299.07601	34.29652	4.36446	0.1000889	0.21030335	2.8005194	21	11 19.0	19.1
208873 2002 TP_{33}	16.1	X	293.87601	47.62828	358.19074	8.93614	0.1339556	0.20440338	2.8541536	21	9 2.2	19.7
208874 2002 TL_{41}	16.9	X	207.14683	81.18258	40.27021	21.85616	0.0840460	0.35760670	1.9657681	21	9 22.1	19.6
208875 2002 TV_{43}	15.4	X	72.06700	123.43066	205.59040	7.88534	0.1527010	0.21414985	2.7668834	21	12 25.1	19.6
208876 2002 TD_{46}	16.1	X	158.82104	285.38210	13.41870	8.19578	0.1147377	0.22593513	2.6698091	21	—	—
208877 2002 TP_{55}	16.1	X	349.65757	332.95417	60.84893	5.54305	0.1242441	0.21083683	2.7957933	21	11 20.5	19.3
208878 2002 TX_{57}	16.0	X	94.57910	164.31153	184.52704	12.84259	0.2120269	0.22024929	2.7155619	21	—	—
208879 2002 TF_{58}	16.4	X	260.94709	209.03785	6.32105	30.88664	0.2808029	0.38506594	1.8711674	21	—	—
208880 2002 TJ_{65}	15.3	X	214.40766	34.37723	18.57700	11.39571	0.1390041	0.19235669	2.9721075	21	6 3.7	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208881 2002 TC_{71}	16.1	X	144.34528	337.98990	347.62541	12.03971	0.2851443	0.22697261	2.6616672	21	—	—
208882 2002 TU_{77}	16.6	X	206.50745	328.22127	351.54646	3.87402	0.2979795	0.23520246	2.5992107	21	2 4.4	21.5
208883 2002 TK_{86}	16.3	X	205.73005	359.88557	342.95751	4.05654	0.2177811	0.23747449	2.5826055	21	2 28.8	20.6
208884 2002 TG_{90}	16.7	X	153.47284	39.40308	293.71101	2.94281	0.2349343	0.22806858	2.6531333	21	1 8.2	20.7
208885 2002 TU_{93}	16.1	X	345.70740	208.58126	140.70740	2.77918	0.1091664	0.20639005	2.8358083	21	9 12.8	19.4
208886 2002 TD_{95}	16.1	X	341.43418	44.32382	351.56394	3.93416	0.0719277	0.20998506	2.8033487	21	11 5.9	19.5
208887 2002 TZ_{97}	15.6	X	280.23798	293.41045	287.25149	10.78407	0.1156027	0.23103166	2.6303995	21	—	—
208888 2002 TT_{98}	16.2	X	133.83728	93.59465	212.43021	3.24558	0.0679478	0.22072380	2.7116686	21	—	—
208889 2002 TU_{99}	15.9	X	229.01848	282.89768	331.98714	13.90408	0.1209846	0.23079783	2.6321759	21	—	—
208890 2002 TB_{112}	15.6	X	325.91519	237.49821	158.87108	14.40901	0.1869141	0.21059870	2.7979005	21	10 13.5	18.5
208891 2002 TS_{113}	15.4	X	310.76516	249.30189	352.92133	28.19521	0.2486776	0.23980158	2.5658703	21	2 8.8	19.4
208892 2002 TD_{116}	15.5	X	40.10029	103.98973	268.21708	10.04193	0.0178681	0.21567761	2.7538018	21	12 23.1	19.0
208893 2002 TG_{118}	16.3	X	356.40434	60.39691	333.87887	8.52395	0.1785933	0.21142001	2.7906497	21	12 7.2	19.4
208894 2002 TE_{120}	15.9	X	97.55536	298.72518	355.95142	13.24436	0.0514529	0.21267950	2.7796213	21	11 27.0	20.1
208895 2002 TC_{125}	15.9	X	172.41850	187.29515	112.51023	5.72056	0.2384838	0.23009039	2.6375684	21	—	—
208896 2002 TO_{133}	15.9	X	298.98965	155.80686	272.87930	9.00372	0.1443227	0.20946288	2.8080058	21	10 3.6	19.4
208897 2002 TM_{141}	17.4	X	86.00281	333.47750	347.38912	19.37924	0.0712362	0.37711024	1.8973925	21	—	—
208898 2002 TK_{148}	15.7	X	334.94899	204.66079	216.20117	11.15676	0.1126146	0.21553378	2.7550267	21	12 2.9	18.9
208899 2002 TF_{149}	16.0	X	306.21048	247.24659	198.41140	5.78321	0.0187550	0.21334193	2.7738644	21	11 24.4	19.6
208900 2002 TD_{152}	16.5	X	311.02255	115.66928	275.83579	0.96147	0.0343104	0.20541516	2.8447737	21	9 18.3	20.2
208901 2002 TQ_{159}	15.3	X	60.92419	180.82336	127.25799	11.47658	0.2774630	0.21284760	2.7781576	21	12 5.3	19.7
208902 2002 TA_{161}	15.8	X	230.92953	195.50832	94.79576	13.90693	0.2385010	0.23415937	2.6069239	21	1 18.4	20.4
208903 2002 TU_{161}	15.7	X	221.66915	268.40400	122.78775	12.50745	0.1317083	0.19080543	2.9881947	21	5 21.2	20.6
208904 2002 TS_{170}	16.4	X	287.55708	198.73806	214.05090	21.06332	0.0795973	0.36242484	1.9483071	21	9 22.4	18.5
208905 2002 TJ_{200}	16.5	X	310.43693	41.67534	28.66423	4.65822	0.0461301	0.21100484	2.7943091	21	11 7.0	20.1
208906 2002 TT_{209}	16.1	X	147.87421	190.19538	147.72316	10.27357	0.1536188	0.22744294	2.6579965	21	—	—
208907 2002 TO_{219}	15.8	X	259.57531	306.13134	354.08332	14.92262	0.2228130	0.24025004	2.5626762	21	2 24.0	20.1
208908 2002 TR_{224}	15.4	X	78.40281	143.83062	199.67314	6.46114	0.1031903	0.21583266	2.7524828	21	—	—
208909 2002 TP_{239}	16.0	X	111.60119	329.16014	0.49911	9.48523	0.2011757	0.22100063	2.7094037	21	—	—
208910 2002 TF_{249}	16.7	X	243.87997	181.85026	126.73920	2.08763	0.1923448	0.23887328	2.5725135	21	2 19.6	20.9
208911 2002 TR_{279}	15.6	X	152.13612	344.34575	347.46919	10.83101	0.1362236	0.22594944	2.6696964	21	—	—
208912 2002 TN_{281}	16.0	X	117.61645	343.77721	348.09500	9.15057	0.2739160	0.22235616	2.6983810	21	—	—
208913 2002 TF_{290}	16.1	X	192.97384	315.83696	344.72065	12.84232	0.2583210	0.23018836	2.6368199	21	1 5.2	20.9
208914 2002 TD_{313}	15.7	X	118.48921	300.62457	131.43865	9.47634	0.0301803	0.18131125	3.0916208	21	3 17.1	20.1
208915 Andrewashcraft	16.0	X	145.77304	129.77633	152.43547	11.86193	0.1296015	0.21791157	2.7349487	21	—	—
208916 Robertcaldwell	16.0	X	299.79731	119.82115	322.17609	11.67913	0.0903766	0.21330219	2.7742090	21	10 29.2	19.7
208917 Traviscarter	16.7	X	330.08118	356.63030	61.92188	3.90894	0.0728706	0.21180530	2.7872644	21	11 20.3	20.1
208918 2002 TO_{380}	16.9	X	34.02132	114.51214	286.00369	0.40678	0.0726060	0.21938332	2.7227033	21	—	—
208919 2002 UW_{1}	16.0	X	41.27627	93.08971	290.54563	2.29667	0.1076582	0.21528814	2.7571220	21	—	—
208920 2002 US_{2}	16.5	X	29.00710	227.54404	72.96142	23.35728	0.0541679	0.36090813	1.9537618	21	10 16.8	19.0
208921 2002 UA_{9}	15.4	X	131.40297	278.55835	160.67013	13.31223	0.2605264	0.18058273	3.0999301	21	5 4.7	20.7
208922 2002 UH_{10}	15.5	X	345.82125	15.34066	336.35173	5.51168	0.1246872	0.20599645	2.8394195	21	9 14.6	18.5
208923 2002 UZ_{11}	16.7	X	289.42374	111.56563	328.04362	18.30325	0.1044668	0.36493280	1.9393705	21	11 2.9	18.7
208924 2002 UB_{32}	15.3	X	236.94141	54.18828	342.97912	10.27574	0.0817699	0.19358911	2.9594802	21	6 13.6	19.9
208925 2002 UF_{32}	15.9	X	37.03131	294.80791	64.17429	2.63676	0.2333374	0.21185661	2.7868143	21	—	—
208926 2002 UO_{36}	16.0	X	221.12031	52.02133	1.52451	0.48251	0.1972746	0.19246422	2.9710004	21	6 9.6	20.9
208927 2002 UW_{47}	15.6	X	47.72570	359.00937	29.78944	6.49104	0.0415353	0.21722493	2.7407091	21	—	—
208928 2002 UF_{73}	16.6	X	51.08365	82.14323	223.59628	1.04704	0.0914012	0.20693560	2.8308221	21	10 23.4	20.1
208929 2002 UJ_{74}	16.5	X	234.72872	304.88563	117.55248	3.06778	0.0883352	0.19511291	2.9440513	21	7 13.3	20.9
208930 2002 UU_{76}	15.8	X	67.03435	252.83180	97.96220	5.39476	0.0818412	0.21234018	2.7825817	21	—	—
208931 2002 VB_{3}	16.2	X	29.05681	183.69738	193.72040	4.59659	0.1286369	0.21236581	2.7823579	21	12 30.1	19.9
208932 2002 VA_{5}	15.4	X	293.23251	237.56121	57.75393	27.49832	0.1029038	0.23991692	2.5650478	21	4 18.3	19.2
208933 2002 VJ_{12}	15.9	X	13.75343	29.31343	296.95442	4.26542	0.1783349	0.20564693	2.8426358	21	10 3.4	19.0
208934 2002 VR_{27}	15.3	X	258.24640	170.39436	241.98041	9.97794	0.1309006	0.19576065	2.9375534	21	7 19.9	19.7
208935 2002 VS_{38}	16.2	X	326.00100	110.85185	277.79761	4.58322	0.1338191	0.20413719	2.8566342	21	9 28.0	19.5
208936 2002 VG_{42}	16.0	X	46.42279	43.19472	332.36995	4.64440	0.0995737	0.21387755	2.7692314	21	—	—
208937 2002 VQ_{43}	16.2	X	172.59839	177.51287	141.44519	4.60476	0.2078567	0.22716576	2.6601583	21	1 5.8	20.6
208938 2002 VV_{44}	16.6	X	81.72756	296.74482	63.12230	4.88213	0.1067347	0.21783635	2.7355783	21	—	—
208939 2002 VR_{50}	15.6	X	208.40944	24.65484	47.43883	16.29671	0.1114812	0.19325304	2.9629102	21	6 23.9	20.4
208940 2002 VE_{57}	16.3	X	31.00101	225.99976	155.21896	4.04968	0.1098093	0.21375530	2.7702871	21	—	—
208941 2002 VA_{59}	16.3	X	244.63412	267.13803	359.20996	1.79827	0.1634705	0.22849219	2.6498532	21	1 3.8	20.6
208942 2002 VT_{59}	16.2	X	59.91031	206.58938	155.22085	2.12549	0.1076695	0.21462412	2.7628058	21	—	—
208943 2002 VY_{95}	15.3	X	81.49354	349.40979	344.94391	6.69588	0.1303494	0.21398464	2.7683074	21	—	—
208944 2002 VH_{106}	15.2	X	132.03099	205.97480	247.32529	16.09931	0.2009368	0.18128040	3.0919715	21	5 12.9	20.2
208945 2002 VK_{111}	15.4	X	80.71696	203.11131	124.97036	7.77074	0.1198156	0.21304084	2.7764774	21	12 29.6	19.6
208946 2002 VO_{116}	16.0	X	63.65472	3.63573	315.68200	7.28453	0.2203756	0.21213948	2.7843364	21	12 12.4	20.2
208947 2002 VQ_{122}	16.1	X	180.77131	86.52535	358.83979	9.93517	0.2248057	0.18797441	3.0181228	21	6 13.7	21.5
208948 2002 VA_{140}	15.4	X	125.47079	118.71283	278.06668	9.61351	0.0988769	0.17631830	3.1497140	21	2 13.9	20.2
208949 2002 VS_{140}	15.7	X	213.16177	280.83188	105.30339	12.05986	0.1549247	0.18695125	3.0291246	21	5 6.9	20.8
208950 2002 VP_{141}	15.3	X	148.11830	111.20433	274.87670	9.60184	0.0862948	0.17854997	3.1234139	21	2 23.3	20.2
208951 2002 WE_{2}	16.0	X	87.20423	29.52341	226.26454	1.26222	0.0373606	0.20039975	2.8920420	21	9 26.7	20.0
208952 2002 WU_{4}	15.4	X	177.74860	39.47708	358.72516	10.03021	0.1113880	0.18422712	3.0589122	21	4 11.8	20.3
208953 2002 WA_{6}	15.5	X	109.15046	299.95537	23.19328	12.17805	0.1294256	0.21711683	2.7416187	21	—	—
208954 2002 WE_{7}	15.3	X	171.39117	37.00712	27.01029	6.31199	0.1287984	0.18444898	3.0564588	21	5 8.9	20.1
208955 2002 WM_{22}	16.5	X	36.06780	165.00089	198.43457	3.58530	0.1102699	0.21022247	2.8012377	21	12 19.1	20.2
208956 2002 XV	16.5	X	168.67459	261.44494	137.24304	2.95569	0.2525969	0.18201637	3.0836310	21	4 13.3	21.9
208957 2002 XE_{10}	16.3	X	182.84304	178.42602	264.93543	2.37334	0.2272341	0.18818028	3.0159211	21	6 13.7	21.6
208958 2002 XW_{10}	15.6	X	130.75855	180.97758	56.15364	5.59506	0.0452253	0.20261719	2.8709030	21	10 27.7	19.7
208959 2002 XG_{12}	15.2	X	168.36329	40.62847	39.96425	16.73661	0.0923601	0.18580285	3.0415933	21	5 23.1	20.0
208960 2002 XC_{14}	14.5	X	87.33990	279.06348	280.11998	24.04959	0.2324153	0.18020559	3.1042537	21	8 2.9	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
208961 2002 XY_{14}	15.1	X	96.79889	245.63176	250.87989	14.83108	0.0848434	0.18232381	3.0801636	21	5 13.7	19.5
208962 2002 XK_{28}	15.4	X	235.49025	153.89910	251.88679	7.76402	0.1020233	0.19043281	2.9920914	21	6 21.3	19.9
208963 2002 XX_{56}	15.5	X	254.10325	228.37315	216.66443	1.60524	0.1704765	0.19578639	2.9372961	21	8 22.7	19.9
208964 2002 XS_{58}	14.8	X	184.82019	301.59681	80.49613	16.60843	0.3800681	0.18267140	3.0762551	21	4 14.2	20.9
208965 2002 XF_{61}	15.8	X	152.02899	57.19230	49.20127	3.78446	0.2653569	0.18372969	3.0644308	21	6 18.7	21.1
208966 2002 XX_{63}	16.8	X	69.34213	344.73111	277.97260	16.86004	0.0501416	0.35431223	1.9779347	21	9 20.6	19.5
208967 2002 XC_{76}	15.7	X	151.43624	104.97110	336.10136	4.24126	0.1791855	0.18091243	3.0961627	21	5 13.4	20.8
208968 2002 XR_{76}	15.2	X	193.60619	50.11159	24.75516	4.63312	0.1680630	0.18613611	3.0379617	21	6 12.4	20.3
208969 2002 XW_{82}	15.0	X	164.98352	77.05297	61.47917	15.06879	0.1550824	0.18967340	3.0000726	21	8 8.9	20.1
208970 2002 XR_{91}	14.9	X	208.31274	282.16490	86.87074	27.02731	0.2273297	0.18227296	3.0807365	21	4 21.1	20.7
208971 2002 XP_{92}	15.7	X	256.84764	119.29726	266.61882	7.50462	0.0879551	0.19252344	2.9703911	21	6 22.4	20.0
208972 2002 XB_{95}	14.7	X	69.73895	283.75848	234.91578	24.24891	0.2557588	0.17969867	3.1100889	21	6 1.8	18.8
208973 2002 XL_{100}	15.4	X	268.41238	113.00229	260.03445	8.23138	0.1167854	0.19164013	2.9795116	21	6 15.9	19.5
208974 2002 XM_{118}	16.0	X	59.12959	114.32309	177.05359	1.90258	0.0410198	0.20235279	2.8734033	21	10 7.9	19.9
208975 2002 YE	15.4	X	117.48763	12.07865	104.98559	11.82499	0.1940847	0.17744214	3.1364007	21	5 30.2	20.3
208976 2002 YC_{5}	15.6	X	123.48769	70.29257	3.50807	24.78109	0.3207688	0.17427480	3.1742879	21	4 15.6	21.2
208977 2002 YA_{10}	15.3	X	147.28304	2.39678	95.05209	11.94212	0.1653815	0.18098603	3.0953233	21	5 31.5	20.3
208978 2002 YO_{15}	15.0	X	105.73388	128.51594	345.94012	26.96379	0.1894055	0.17619104	3.1512305	21	4 27.9	20.2
208979 2002 YN_{18}	16.0	X	139.04947	175.08903	312.07522	0.80763	0.2651261	0.18326210	3.0696412	21	7 3.9	21.3
208980 2002 YP_{22}	15.1	X	115.06998	16.66537	94.91381	20.35910	0.0462437	0.17842449	3.1248780	21	5 8.8	19.9
208981 2002 YZ_{25}	15.8	X	121.74812	20.59615	111.09499	2.55450	0.1336516	0.18082808	3.0971254	21	6 13.1	20.5
208982 2003 AV_{8}	14.9	X	45.00747	358.15801	155.66724	28.64848	0.1403862	0.17396403	3.1780672	21	4 5.9	19.1
208983 2003 AZ_{8}	15.9	X	103.06763	81.95104	21.32013	25.58622	0.2755726	0.17502098	3.1652594	21	4 29.6	20.9
208984 2003 AP_{11}	14.8	X	71.93830	279.01952	267.05699	15.39166	0.3040432	0.17541504	3.1605173	21	7 15.4	19.3
208985 2003 AT_{11}	15.5	X	154.21314	258.74953	169.97677	9.29582	0.2509614	0.17939992	3.1135407	21	5 8.6	20.9
208986 2003 AJ_{14}	15.5	X	179.24111	219.34920	212.49628	8.50300	0.1289462	0.18448694	3.0560395	21	5 27.6	20.4
208987 2003 AV_{21}	15.1	X	236.30700	317.79177	83.45978	11.27927	0.0836060	0.18585503	3.0410239	21	6 18.5	19.5
208988 2003 AU_{26}	15.9	X	193.40189	326.81336	123.04289	2.87988	0.1554524	0.18615792	3.0377244	21	7 1.1	20.9
208989 2003 AC_{54}	15.5	X	109.34552	23.21504	85.56465	6.37568	0.1621569	0.17522684	3.1627798	21	5 7.4	20.1
208990 2003 AO_{54}	15.3	X	100.22861	213.08785	309.25523	11.52615	0.1526993	0.17930393	3.1146519	21	7 1.2	20.0
208991 2003 AD_{61}	15.0	X	140.20403	154.44586	274.50223	13.34589	0.0365055	0.17500791	3.1654170	21	3 31.2	19.9
208992 2003 AX_{64}	14.9	X	53.61843	83.10645	83.16321	26.34483	0.2525789	0.17276032	3.1928123	21	5 24.1	18.9
208993 2003 AZ_{69}	16.4	X	127.34555	50.13878	72.23518	0.24305	0.2621511	0.17897904	3.1184199	21	6 18.6	21.5
208994 2003 AY_{71}	15.2	X	121.59388	15.02549	55.12258	16.23657	0.2680173	0.17486657	3.1671225	21	4 18.1	20.4
208995 2003 AV_{81}	15.0	X	174.16333	9.70136	48.20450	18.63972	0.2069081	0.18074069	3.0981237	21	5 7.7	20.1
208996 2003 AZ_{84}	3.6	X	234.37483	16.39355	252.09616	13.57878	0.1822783	0.00400476	39.2721892	21	1 24.1	20.1
208997 2003 AN_{88}	15.6	X	154.45472	137.46524	285.81943	12.23571	0.1703656	0.17907778	3.1172736	21	4 20.9	20.9
208998 2003 AW_{88}	14.5	X	70.93925	264.22196	274.80005	23.52211	0.2228094	0.17428237	3.1741961	21	6 25.7	18.6
208999 2003 BC_{1}	15.2	X	28.64806	149.30347	78.92585	13.44419	0.2357530	0.17614315	3.1518016	21	6 21.6	18.4
209000 2003 BY_{7}	14.8	X	109.91115	311.30980	130.93068	12.93915	0.0151876	0.16935659	3.2354497	21	3 19.6	19.5
209001 2003 BD_{10}	16.2	X	144.10281	319.15096	153.60846	6.70347	0.2095064	0.18071636	3.0984018	21	6 17.8	21.4
209002 2003 BL_{14}	14.8	X	272.30732	226.97414	142.10106	16.13500	0.0679150	0.18471068	3.0535712	21	6 24.1	19.4
209003 2003 BQ_{20}	14.8	X	39.96226	186.23251	8.38719	8.46087	0.1499016	0.17113266	3.2130251	21	5 15.5	18.8
209004 2003 BF_{26}	15.4	X	173.05649	257.05429	160.20862	12.80114	0.0750983	0.17651886	3.1473278	21	5 5.5	20.4
209005 2003 BO_{26}	15.3	X	74.61709	65.24478	134.87978	11.24388	0.1628744	0.18017111	3.1046498	21	7 18.2	19.6
209006 2003 BM_{40}	15.1	X	0.26349	124.49268	122.71285	17.33105	0.1855782	0.17523556	3.1626749	21	5 21.7	18.9
209007 2003 BO_{48}	15.2	X	49.85673	69.79109	142.68558	19.45054	0.1539909	0.17579705	3.1559371	21	6 29.0	19.5
209008 2003 BG_{53}	15.6	X	134.77333	313.54986	141.01625	4.49131	0.1120099	0.17565446	3.1576447	21	5 11.4	20.4
209009 2003 BB_{58}	15.4	X	143.45169	275.09236	134.38945	16.82041	0.2652615	0.17396686	3.1780328	21	4 12.7	21.0
209010 2003 BE_{66}	14.8	X	2.11930	297.21944	320.73841	25.05046	0.2279542	0.17525142	3.1624841	21	5 31.2	18.6
209011 2003 BO_{73}	15.4	X	104.44608	33.13944	77.83087	5.82412	0.0989859	0.17446810	3.1719429	21	4 26.3	19.9
209012 2003 BX_{76}	14.9	X	95.17367	159.25489	14.28178	17.20263	0.0269684	0.17972138	3.1098269	21	6 19.4	19.6
209013 2003 BB_{87}	15.4	X	270.22349	193.46531	157.25017	1.82657	0.0993782	0.17919210	3.1159476	21	5 23.9	19.9
209014 2003 BY_{91}	15.4	X	80.27031	186.70727	14.18209	12.07428	0.0958636	0.18083211	3.0970795	21	7 20.4	19.9
209015 2003 CT_{13}	14.7	X	42.20724	82.95253	125.60722	16.61340	0.1541942	0.17208005	3.2012213	21	6 12.8	18.8
209016 2003 CA_{19}	14.8	X	343.74986	215.68274	5.83603	21.05853	0.0578954	0.16960399	3.2323025	21	3 25.2	19.2
209017 2003 DQ	15.2	X	135.16106	310.34691	158.37286	11.11520	0.1254207	0.17579616	3.1559477	21	5 31.1	20.2
209018 2003 DM_{8}	15.2	X	280.40109	2.77087	358.31733	4.65457	0.0801952	0.18027073	3.1035059	21	6 21.3	19.6
209019 2003 DF_{21}	15.5	X	71.48115	155.56222	355.51273	11.86655	0.1675488	0.17247298	3.1963575	21	5 8.2	19.9
209020 2003 EM_{13}	15.2	X	130.11709	329.11091	148.91769	8.54132	0.0454036	0.17600442	3.1534577	21	5 28.7	19.9
209021 2003 EE_{14}	15.3	X	174.98179	80.55202	359.40887	8.97546	0.1029824	0.17855394	3.1233676	21	5 30.6	20.3
209022 2003 ED_{15}	14.9	X	65.86636	198.02692	326.48633	22.56297	0.0972380	0.17453247	3.1711629	21	4 30.7	19.6
209023 2003 EG_{36}	15.1	X	41.98397	38.68553	145.42534	8.25518	0.0356064	0.16969967	3.2310875	21	4 29.9	19.6
209024 2003 EB_{48}	15.2	X	63.31737	191.39224	313.96133	16.05693	0.3548095	0.16858198	3.2453531	21	5 19.8	19.6
209025 2003 EZ_{55}	14.7	X	202.45655	227.36977	75.31543	11.35410	0.0738993	0.15310310	3.4605628	21	1 21.7	20.1
209026 2003 FQ_{21}	15.9	X	162.55974	278.28846	160.53901	4.75610	0.1557036	0.17556591	3.1587063	21	5 22.2	21.0
209027 2003 FZ_{24}	15.5	X	344.34453	257.85763	5.29302	4.83722	0.1947477	0.17040941	3.2221098	21	5 3.9	19.2
209028 2003 FM_{115}	14.6	X	2.35781	55.63440	185.51311	26.76571	0.1829846	0.16946249	3.2341016	21	5 14.5	18.6
209029 2003 GM_{14}	14.8	X	32.43264	167.38059	25.77630	19.66756	0.0835826	0.17073463	3.2180167	21	4 25.5	19.1
209030 2003 HL_{16}	17.1	X	209.98385	226.99382	51.97660	5.82507	0.1546000	0.31044041	2.1601499	21	—	—
209031 2003 HS_{19}	14.5	X	347.19924	249.13699	102.55147	1.37108	0.1434525	0.12392420	3.9844218	21	9 8.6	19.3
209032 2003 HH_{51}	17.3	X	134.83718	149.61142	136.60855	4.99519	0.1208722	0.29977947	2.2110647	21	—	—
209033 2003 JU_{6}	16.8	X	116.19874	248.65580	62.06246	5.83293	0.2188429	0.29803876	2.2196656	21	—	—
209034 2003 KB_{30}	17.3	X	195.23046	153.22836	133.51884	4.53217	0.1558551	0.30682262	2.1770971	21	—	—
209035 2003 NJ_{1}	16.3	X	257.69211	279.98217	67.96057	9.17500	0.3366647	0.26322255	2.4113152	21	4 11.7	20.6
209036 2003 NC_{12}	17.3	X	58.60814	148.76551	177.06265	3.35318	0.1507889	0.28558496	2.2837356	21	12 19.9	20.4
209037 2003 OZ_{3}	16.7	X	234.57268	18.45782	324.25633	0.75114	0.2039675	0.25835599	2.4415017	21	3 21.9	20.7
209038 2003 OB_{5}	16.4	X	287.58239	205.97990	145.77260	7.15319	0.2125854	0.26764045	2.3847062	21	5 27.4	19.5
209039 2003 OH_{10}	17.1	X	288.27367	19.03637	307.21064	1.62216	0.2067089	0.26536455	2.3983217	21	4 21.4	20.3
209040 2003 OD_{13}	17.0	X	262.32255	48.42596	310.82762	1.72516	0.2071252	0.26433218	2.4045622	21	5 6.6	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209041 2003 OV_{17}	17.2	X	101.20372	217.82004	55.55374	2.11869	0.2199807	0.28713783	2.2754944	21	12 1.7	20.9
209042 2003 OR_{18}	16.1	X	20.41129	336.28735	327.16200	23.43357	0.1499920	0.27616513	2.3353760	21	9 11.6	18.7
209043 2003 OM_{20}	16.9	X	2.26214	165.29500	153.63395	7.53390	0.1459648	0.27621376	2.3351019	21	9 10.4	18.8
209044 2003 PL_{2}	17.2	X	104.81452	2.05672	320.43975	2.46414	0.1660774	0.29261763	2.2469965	21	—	—
209045 2003 PH_{4}	16.3	X	62.30918	341.61742	338.51023	9.69643	0.2419802	0.28540425	2.2846995	21	12 27.5	19.9
209046 2003 QP	17.4	X	118.88621	141.73909	165.24457	5.98002	0.1307338	0.29149772	2.2527480	21	—	—
209047 2003 QV_{1}	17.3	X	269.56778	153.75457	195.91386	1.45860	0.0775118	0.26330752	2.4107964	21	5 19.9	20.3
209048 2003 QY_{5}	16.9	X	230.04671	136.96007	194.23461	1.26966	0.2164457	0.25461737	2.4653431	21	3 4.0	21.1
209049 2003 QW_{9}	16.8	X	11.91765	223.35001	90.47407	7.23313	0.2040994	0.27640430	2.3340286	21	10 5.1	18.9
209050 2003 QA_{11}	16.1	X	291.25547	340.82999	355.09855	11.95429	0.2028179	0.26525188	2.3990009	21	5 4.9	19.6
209051 2003 QE_{11}	16.5	X	334.42116	11.02208	343.60824	9.76673	0.1490901	0.27400699	2.3476226	21	9 5.9	18.2
209052 2003 QA_{21}	16.5	X	43.81051	164.66382	134.70883	7.87274	0.2253025	0.27808015	2.3246419	21	11 9.3	19.5
209053 2003 QC_{24}	16.8	X	138.97500	105.31009	178.10165	5.88786	0.1169640	0.29150549	2.2527079	21	—	—
209054 Lombkató	17.2	X	122.71783	265.63617	346.47172	3.94204	0.1052288	0.28418611	2.2912237	21	11 18.5	20.5
209055 2003 QE_{34}	16.9	X	299.59392	352.58031	324.86480	6.62135	0.2218468	0.26578019	2.3958207	21	4 18.8	20.1
209056 2003 QT_{36}	16.9	X	287.89595	346.00489	351.45087	2.43536	0.1989384	0.26444224	2.4038950	21	5 7.5	19.9
209057 2003 QL_{38}	16.9	X	286.84448	226.53771	143.75717	2.06801	0.1991036	0.26868356	2.3785301	21	6 22.3	19.8
209058 2003 QL_{39}	16.9	X	8.65122	331.99271	340.03036	1.25144	0.2439228	0.27483970	2.3428784	21	9 25.4	18.3
209059 2003 QR_{44}	17.2	X	301.20050	55.15974	257.81095	1.43607	0.2144578	0.26454788	2.4032550	21	4 18.9	20.1
209060 2003 QU_{50}	16.1	X	184.09904	86.12008	24.96866	7.00585	0.0569826	0.26666783	2.3905012	21	7 23.8	19.5
209061 2003 QX_{50}	17.2	X	21.33105	187.81263	94.90642	3.51649	0.2140014	0.27216926	2.3581784	21	9 2.7	19.1
209062 2003 QJ_{61}	16.1	X	162.23291	222.45116	124.72090	6.72595	0.2073557	0.24494033	2.5298563	21	1 27.8	19.9
209063 2003 QT_{61}	16.4	X	21.88963	210.73484	135.43900	4.77701	0.2593267	0.27880282	2.3206231	21	12 16.0	19.0
209064 2003 QT_{65}	16.6	X	91.93226	255.41772	141.13543	12.06875	0.2379253	0.24024667	2.5627002	21	1 11.4	19.4
209065 2003 QR_{66}	16.9	X	238.11541	219.61108	147.50420	7.34981	0.1582652	0.26113265	2.4241636	21	4 30.4	20.7
209066 2003 QU_{69}	16.5	X	67.60051	243.87533	167.37311	15.77895	0.1949072	0.23882810	2.5728380	21	—	—
209067 2003 QW_{86}	16.8	X	260.56255	211.71655	188.85718	2.52176	0.1769214	0.26866289	2.3786521	21	7 3.7	20.1
209068 2003 QF_{87}	16.9	X	229.06797	230.57545	138.87769	3.88381	0.1967541	0.25936730	2.4351510	21	4 21.5	20.8
209069 2003 QX_{87}	17.1	X	317.41335	213.95548	138.55750	4.66243	0.1963531	0.27192024	2.3596180	21	7 19.1	19.1
209070 2003 QS_{99}	16.7	X	312.36938	163.04380	173.28100	6.51060	0.1446011	0.26866722	2.3786266	21	6 22.5	19.3
209071 2003 QM_{101}	17.1	X	9.94416	295.04019	9.46411	2.54138	0.2443699	0.27412553	2.3469458	21	9 16.5	18.5
209072 2003 QJ_{102}	16.5	X	144.00941	320.76846	157.74296	6.26970	0.0506930	0.26441037	2.4040882	21	6 11.6	19.8
209073 2003 QQ_{106}	16.6	X	240.14686	357.07428	353.58028	5.80429	0.1054366	0.25729336	2.4482194	21	4 10.8	20.2
209074 2003 QF_{114}	16.3	X	164.33032	227.22640	174.39195	6.36191	0.1246604	0.25236857	2.4799668	21	3 31.4	19.9
209075 2003 QM_{114}	16.1	X	75.43691	64.80367	348.87235	12.79558	0.1726246	0.24075158	2.5591159	21	—	—
209076 2003 RX_{15}	16.8	X	214.85409	38.26630	338.20117	6.01433	0.1399075	0.25778204	2.4451243	21	4 15.3	20.8
209077 2003 RJ_{21}	16.8	X	26.45862	1.44780	271.23906	1.70180	0.1552333	0.27153380	2.3618562	21	8 15.6	18.8
209078 2003 SW_{3}	16.3	X	91.61694	154.67280	2.66326	6.16673	0.0671711	0.25865482	2.4396208	21	5 26.7	19.4
209079 2003 SZ_{10}	16.7	X	122.07606	16.84308	171.46894	4.19376	0.0888375	0.26874376	2.3781749	21	8 22.8	20.0
209080 2003 SS_{11}	17.1	X	320.59284	61.87575	244.08607	0.60175	0.2014501	0.26616189	2.3935296	21	5 11.4	19.5
209081 2003 SN_{14}	17.1	X	336.68340	286.30403	10.94128	1.45213	0.1532056	0.26665773	2.3905616	21	6 6.1	19.1
209082 2003 SD_{15}	16.9	X	76.35886	98.82689	173.80754	6.31010	0.1136889	0.27803357	2.3249015	21	10 27.3	19.9
209083 Rioja	16.5	X	48.43089	46.78222	267.61414	6.12756	0.0687765	0.22368450	2.6876876	21	10 28.3	20.1
209084 2003 SJ_{26}	16.3	X	239.28455	32.33278	357.88390	7.30799	0.1138253	0.26235182	2.4166476	21	5 31.7	19.9
209085 2003 SS_{26}	16.9	X	307.80256	335.83682	8.00094	3.35852	0.1843125	0.26738874	2.3862025	21	6 18.8	19.4
209086 2003 SW_{27}	16.4	X	70.41371	82.42077	350.50392	14.25763	0.0926118	0.24143751	2.5542666	21	1 8.9	19.6
209087 2003 SR_{30}	17.1	X	63.11319	220.85635	185.69205	4.06455	0.1441411	0.23538101	2.5978961	21	—	—
209088 2003 SE_{31}	17.3	X	317.25120	332.52804	337.16436	0.49378	0.1912224	0.26313083	2.4118756	21	5 13.1	19.9
209089 2003 SH_{33}	17.1	X	90.73015	205.71816	12.45865	6.49604	0.0644549	0.27036006	2.3686871	21	8 24.7	20.1
209090 2003 ST_{33}	16.3	X	8.68205	255.51371	165.37292	10.24995	0.2310775	0.22919115	2.6444630	21	—	—
209091 2003 SX_{37}	17.2	X	191.61318	240.65822	146.77550	6.85764	0.1279503	0.25524163	2.4613217	21	4 11.7	21.0
209092 2003 ST_{40}	16.2	X	44.04718	35.31150	335.88581	15.13520	0.1496282	0.22813667	2.6526054	21	—	—
209093 2003 SO_{41}	16.1	X	57.86429	17.52276	21.45284	14.59484	0.1768745	0.23328443	2.6134381	21	—	—
209094 2003 SA_{42}	15.7	X	25.16188	36.65230	359.70776	15.11105	0.1691405	0.22745567	2.6578974	21	—	—
209095 2003 SW_{45}	16.7	X	159.62749	264.89517	134.32776	5.53109	0.1508545	0.25100063	2.4889691	21	3 27.0	20.5
209096 2003 SW_{49}	16.8	X	17.51498	9.52510	306.73533	6.04760	0.1336336	0.27548021	2.3392454	21	9 30.1	19.3
209097 2003 SF_{51}	16.3	X	290.63636	311.14109	72.78979	4.62073	0.1881437	0.26857659	2.3791616	21	7 21.1	19.0
209098 2003 SR_{54}	16.7	X	294.21832	29.39023	312.86780	6.85650	0.1345063	0.26515695	2.3995734	21	6 2.5	19.7
209099 2003 SM_{55}	16.8	X	334.93024	67.62596	273.65108	3.42793	0.1222357	0.27102952	2.3647849	21	8 15.5	18.9
209100 2003 SV_{57}	16.2	X	333.07177	64.16514	17.32781	12.86634	0.2436210	0.22434610	2.6824010	21	—	—
209101 2003 SV_{67}	16.9	X	270.09734	340.79561	6.77594	6.86237	0.1621847	0.26145428	2.4221752	21	5 3.7	20.4
209102 2003 SZ_{69}	16.8	X	56.20419	312.57451	0.74359	7.82925	0.2238261	0.28066492	2.3103474	21	12 7.9	20.2
209103 2003 SW_{74}	16.8	X	68.91338	81.16538	291.59935	1.64473	0.1920254	0.23315479	2.6144068	21	—	—
209104 2003 SP_{76}	16.6	X	23.54761	116.62657	196.31281	3.34955	0.2641425	0.27494913	2.3422567	21	11 1.7	18.9
209105 2003 SY_{107}	16.4	X	40.98356	89.58451	329.89180	8.10708	0.1802553	0.23306535	2.6150755	21	—	—
209106 2003 SG_{110}	16.8	X	38.90430	42.41109	280.86069	2.33991	0.2570199	0.27822572	2.3238309	21	12 6.5	19.7
209107 Šafránek	16.6	X	52.48827	310.15494	327.03743	8.70205	0.0403154	0.27359661	2.3499696	21	9 14.7	19.4
209108 2003 ST_{119}	16.6	X	254.59590	115.87323	183.80745	5.53722	0.0962068	0.25339859	2.4732418	21	2 21.7	20.2
209109 2003 SY_{119}	17.3	X	325.63186	31.00197	284.34104	0.50256	0.1288138	0.26675875	2.3899580	21	6 16.7	19.5
209110 2003 SW_{129}	16.7	X	198.43044	260.76138	46.81105	6.40156	0.2314983	0.30002332	2.2098665	21	1 5.0	20.4
209111 2003 SJ_{131}	16.9	X	2.40055	277.28210	27.58330	1.74825	0.1790465	0.26934556	2.3746312	21	8 19.9	18.6
209112 2003 SH_{146}	16.3	X	321.09413	94.81513	339.43134	10.96296	0.2678534	0.22120143	2.7077637	21	11 18.1	18.6
209113 2003 SG_{156}	16.5	X	239.33921	358.70445	20.77371	2.97526	0.1861137	0.25977581	2.4325974	21	5 12.3	20.3
209114 2003 SJ_{157}	16.7	X	120.54482	233.85807	185.28577	9.78052	0.2188183	0.24539256	2.5267471	21	3 16.7	20.4
209115 2003 SN_{164}	16.6	X	56.97747	71.42920	15.70779	5.94825	0.2588004	0.23769667	2.5809959	21	1 17.9	18.5
209116 2003 SS_{168}	16.2	X	82.24297	324.52422	80.80190	6.91781	0.2329815	0.23881917	2.5729021	21	1 6.6	18.6
209117 2003 SY_{172}	17.1	X	32.95338	257.84907	55.50769	3.52490	0.1865068	0.27734170	2.3287664	21	11 4.1	19.5
209118 2003 SN_{174}	17.3	X	26.53760	302.49110	349.79113	5.76706	0.1681760	0.27331166	2.3516027	21	9 18.4	19.5
209119 2003 SM_{175}	17.1	X	355.16987	117.60411	176.34752	6.37656	0.1860863	0.26900779	2.3766185	21	7 10.8	18.9
209120 2003 SF_{178}	16.0	X	103.35824	225.94960	330.34217	6.51844	0.0566752	0.26626818	2.3928926	21	8 7.7	19.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209121 2003 SS_{179}	17.1	X	90.30178	287.37055	5.47253	2.35644	0.2266953	0.28346739	2.2950949	21	12 16.2	20.7
209122 2003 SU_{179}	17.1	X	316.72733	90.09359	259.42660	2.56186	0.1864621	0.26960297	2.3731195	21	7 14.4	19.4
209123 2003 ST_{183}	17.0	X	169.86540	79.89882	342.36794	4.56592	0.0946780	0.25511430	2.4621406	21	4 28.4	20.6
209124 2003 SQ_{185}	16.8	X	167.77780	113.22038	170.80079	6.79673	0.1466147	0.29661612	2.2267573	21	—	—
209125 2003 SK_{192}	16.2	X	333.57162	339.36969	8.73896	6.16873	0.1378970	0.26902578	2.3765126	21	8 26.8	18.2
209126 2003 SS_{200}	16.5	X	18.09987	44.98560	25.76271	7.31054	0.2602515	0.22923529	2.6441235	21	—	—
209127 2003 SR_{204}	15.8	X	46.29633	343.38593	36.59807	9.45130	0.3082946	0.22744996	2.6579419	21	—	—
209128 2003 SX_{210}	17.1	X	88.30233	64.09549	319.29999	14.73977	0.2607211	0.23845693	2.5755071	21	—	—
209129 2003 SS_{221}	17.4	X	169.75532	218.49558	189.78978	1.93100	0.0567161	0.25503138	2.4626742	21	4 9.2	20.7
209130 2003 SQ_{230}	16.5	X	271.96173	34.20558	19.72035	6.75584	0.0872608	0.27148299	2.3621509	21	8 25.5	19.3
209131 2003 SV_{231}	16.4	X	104.58080	308.28236	72.91617	5.02448	0.1485107	0.23979127	2.5659438	21	—	—
209132 2003 SD_{236}	17.0	X	98.25366	243.44206	189.67666	1.94006	0.2021549	0.24525073	2.5277212	21	3 4.8	20.1
209133 2003 SY_{236}	17.1	X	100.56135	7.24225	15.30484	5.45533	0.1383117	0.23936283	2.5690048	21	—	—
209134 2003 SV_{243}	17.3	X	70.33686	53.50214	154.41814	1.71957	0.1106166	0.26468551	2.4024219	21	7 16.2	20.0
209135 2003 SC_{248}	16.7	X	67.75502	256.47351	24.11265	3.47529	0.1350805	0.27750674	2.3278430	21	10 28.3	19.7
209136 2003 SD_{250}	16.5	X	1.53243	141.63221	184.60161	1.95360	0.2284812	0.27156162	2.3616949	21	9 28.9	18.0
209137 2003 SB_{251}	16.6	X	260.48736	179.84071	189.22747	6.19701	0.1296614	0.26101979	2.4248624	21	5 28.8	19.9
209138 2003 SZ_{254}	16.9	X	28.24162	257.44822	176.89608	6.22063	0.0892925	0.23526463	2.5987527	21	—	—
209139 2003 SF_{259}	16.5	X	202.18825	116.37288	202.24379	5.72179	0.0118977	0.24300325	2.5432829	21	1 19.8	20.0
209140 2003 SN_{261}	17.0	X	1.64172	323.36198	325.06703	2.14798	0.1798973	0.26746925	2.3857237	21	7 19.4	18.6
209141 2003 SW_{261}	16.1	X	71.62706	209.69039	241.98806	5.43116	0.0415919	0.24312879	2.5424073	21	1 25.7	19.4
209142 2003 SG_{274}	16.4	X	212.07413	234.16057	172.42336	6.10606	0.1219580	0.25910376	2.4368020	21	5 26.1	20.1
209143 2003 SH_{276}	17.0	X	12.17861	120.89498	288.88212	1.44598	0.1893473	0.22693345	2.6619733	21	—	—
209144 2003 SW_{289}	16.6	X	239.47629	260.55338	102.36373	4.86731	0.1491125	0.25832845	2.4416752	21	4 26.5	20.3
209145 2003 SP_{290}	17.2	X	110.46975	46.47877	358.27308	1.56095	0.0987773	0.24108484	2.5567570	21	1 28.8	20.3
209146 2003 SN_{295}	17.0	X	82.35401	342.79203	305.27068	4.72460	0.1956448	0.28112021	2.3078522	21	11 29.9	20.5
209147 2003 SN_{301}	16.6	X	114.77560	342.08970	67.41821	3.43453	0.1569447	0.24513945	2.5284862	21	2 18.9	19.8
209148 Dustindeford	16.3	X	10.18612	172.82925	50.22522	12.97730	0.1326169	0.25612335	2.4556696	21	4 24.5	18.7
209149 Chrismackenzie	17.6	X	112.06506	2.39916	63.18764	2.38316	0.1478224	0.24624115	2.5209387	21	3 6.6	20.9
209150 2003 TT_{21}	16.8	X	328.54134	254.31270	55.86075	3.69245	0.1002822	0.26462222	2.4028049	21	6 17.9	19.2
209151 2003 TT_{29}	16.4	X	104.90785	144.81395	27.56062	6.35161	0.0856681	0.26143824	2.4222742	21	7 11.2	19.7
209152 2003 TY_{54}	16.3	X	278.53843	303.67907	144.90492	6.32169	0.0438735	0.21954165	2.7213940	21	10 22.2	19.9
209153 2003 UJ_{7}	15.7	X	298.05331	29.90147	54.27756	9.35617	0.1647900	0.21626214	2.7488374	21	10 28.8	18.7
209154 2003 UU_{8}	15.9	X	91.19911	274.29342	103.74137	15.81203	0.2489751	0.23643537	2.5901669	21	—	—
209155 2003 UE_{10}	15.9	X	35.89468	193.15164	42.03869	7.42900	0.0772560	0.26061142	2.4273948	21	6 25.5	18.6
209156 2003 UO_{10}	15.3	X	330.62086	292.83394	213.52220	29.42100	0.2413462	0.22885527	2.6470497	21	—	—
209157 2003 UN_{16}	15.8	X	70.65734	335.48159	50.09226	6.92055	0.1492180	0.23217835	2.6217317	21	—	—
209158 2003 UJ_{29}	17.0	X	50.19440	197.14124	212.01110	3.11604	0.2420820	0.23142299	2.6274334	21	—	—
209159 2003 UF_{50}	15.9	X	61.17782	62.63069	341.88129	9.56911	0.1391587	0.23330993	2.6132476	21	—	—
209160 2003 UK_{51}	16.2	X	130.36842	48.77084	302.78551	14.19246	0.1192676	0.23861455	2.5743728	21	—	—
209161 2003 UR_{53}	16.4	X	40.86215	77.20896	342.49878	13.81241	0.1072964	0.23177916	2.6247410	21	—	—
209162 2003 UK_{56}	16.5	X	50.34641	280.33865	177.17502	12.22095	0.2752218	0.23648094	2.5898341	21	1 13.9	18.6
209163 2003 UO_{56}	17.1	X	258.08916	332.09424	9.01459	1.35997	0.2005604	0.25660941	2.4525676	21	4 10.6	20.8
209164 2003 UR_{82}	16.0	X	345.70456	314.16274	109.22316	10.22963	0.2272807	0.22277050	2.6950341	21	—	—
209165 2003 UC_{86}	16.9	X	79.69811	46.35797	341.47931	7.27714	0.2742665	0.23364712	2.6107328	21	—	—
209166 2003 UX_{92}	16.2	X	312.22374	290.19546	21.81708	7.98782	0.1308431	0.26036587	2.4289207	21	5 17.0	18.9
209167 2003 UG_{94}	17.7	X	29.24017	39.92786	14.38616	2.05137	0.2034702	0.23005678	2.6378253	21	—	—
209168 2003 UA_{97}	16.6	X	53.34906	93.44824	325.12499	2.57975	0.1773847	0.23383951	2.6093007	21	—	—
209169 2003 US_{97}	16.0	X	91.65510	342.05010	30.42325	10.84476	0.0543815	0.23429141	2.6059444	21	—	—
209170 2003 UU_{100}	16.5	X	15.90744	125.87658	202.97159	2.36988	0.1809255	0.27295319	2.3536611	21	10 27.2	18.6
209171 2003 UB_{103}	16.2	X	122.71531	334.34971	87.06715	3.42356	0.0326840	0.24651844	2.5190480	21	2 25.9	19.4
209172 2003 UY_{115}	16.6	X	22.49573	181.41905	227.97410	3.65720	0.1624723	0.22748248	2.6576885	21	—	—
209173 2003 UH_{121}	17.0	X	55.24876	21.94455	14.82084	4.07831	0.1707663	0.23218468	2.6216840	21	—	—
209174 2003 UA_{123}	15.9	X	36.34356	229.69204	222.03214	12.31791	0.1281223	0.23469084	2.6029868	21	—	—
209175 2003 UU_{125}	16.5	X	92.85690	271.64167	169.43705	4.80486	0.0424917	0.24460821	2.5321457	21	2 11.1	19.7
209176 2003 UJ_{140}	16.9	X	23.87106	146.09818	164.38658	10.72777	0.2067353	0.27457033	2.3444104	21	10 21.9	19.3
209177 2003 UZ_{144}	15.6	X	113.93690	331.32566	49.56157	12.89853	0.1102602	0.23684358	2.5871899	21	1 5.4	19.1
209178 2003 UA_{150}	17.2	X	17.79906	246.07917	67.99987	3.86787	0.2366187	0.27395717	2.3479073	21	10 19.7	19.2
209179 2003 UU_{150}	16.4	X	272.24119	291.40831	45.09217	9.10214	0.1070068	0.25755407	2.4465669	21	5 1.4	19.6
209180 2003 UU_{159}	16.6	X	317.05716	84.10047	74.96565	5.52616	0.1103954	0.23175767	2.6249033	21	—	—
209181 2003 UE_{162}	16.4	X	69.28139	343.29070	56.10142	4.52813	0.1111208	0.23472228	2.6027543	21	—	—
209182 2003 UR_{168}	16.0	X	82.91576	127.28763	255.54140	3.93000	0.1444537	0.23320500	2.6140314	21	—	—
209183 2003 UC_{179}	16.7	X	52.71778	257.80638	27.25604	5.43260	0.2060598	0.27409959	2.3470939	21	10 25.4	19.5
209184 2003 UW_{181}	17.5	X	11.85902	68.10061	3.80863	1.53391	0.1595595	0.22971851	2.6404142	21	—	—
209185 2003 UH_{186}	15.9	X	37.25913	184.08928	236.33583	8.95056	0.0908702	0.23196003	2.6233764	21	—	—
209186 2003 UR_{190}	16.5	X	25.37378	344.42510	71.14306	3.02893	0.0783961	0.22911656	2.6450368	21	—	—
209187 2003 US_{195}	16.2	X	8.03924	353.02499	64.17466	5.92018	0.1038273	0.22577055	2.6711064	21	—	—
209188 2003 UW_{200}	16.8	X	130.37732	312.69604	70.27859	1.68581	0.1373734	0.24220091	2.5488965	21	1 31.8	20.2
209189 2003 UC_{204}	16.8	X	14.78171	275.08330	196.79769	4.44435	0.1150341	0.23469891	2.6029271	21	—	—
209190 2003 UM_{208}	16.3	X	76.16826	52.49621	68.37717	3.57936	0.0706073	0.24611017	2.5218331	21	3 19.2	19.2
209191 2003 UT_{212}	16.3	X	43.16100	151.06110	297.51786	1.96019	0.1197061	0.23404420	2.6077791	21	—	—
209192 2003 UF_{214}	17.2	X	342.38975	211.44780	254.21139	0.90529	0.1135523	0.22990148	2.6390131	21	—	—
209193 2003 UC_{221}	16.3	X	12.63545	187.54858	289.43459	3.04420	0.2264281	0.23586438	2.5943455	21	—	—
209194 2003 UR_{222}	15.7	X	327.36530	213.49691	243.25633	15.83472	0.2100262	0.22280648	2.6947440	21	—	—
209195 2003 UD_{231}	17.2	X	154.90482	61.14709	294.81500	1.97950	0.1543960	0.24313970	2.5423312	21	1 26.5	20.7
209196 2003 UP_{254}	16.9	X	76.63840	144.13302	48.44414	2.13277	0.1262911	0.25845760	2.4408617	21	7 6.3	19.7
209197 2003 UA_{256}	16.3	X	265.62162	264.18938	157.04239	4.54492	0.1913173	0.20995002	2.8036606	21	8 3.4	20.4
209198 2003 UO_{256}	16.4	X	42.51108	17.18047	82.49889	5.02286	0.2093487	0.23541959	2.5976122	21	—	—
209199 2003 UP_{256}	16.9	X	53.30055	69.24964	323.68183	2.32611	0.1040967	0.23016308	2.6370130	21	—	—
209200 2003 UV_{266}	16.5	X	220.16368	265.16739	96.88664	3.26217	0.0842747	0.25162123	2.4848749	21	4 8.8	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209201 2003 UM_{267}	15.6	X	348.79990	38.67418	49.20707	22.49603	0.0293858	0.22725209	2.6594845	21	—	—
209202 2003 UP_{268}	16.8	X	89.18959	135.65526	218.19624	1.75835	0.2185038	0.23144359	2.6272775	21	—	—
209203 2003 UO_{281}	16.7	X	43.86617	285.87154	145.16369	6.85748	0.1063655	0.23265818	2.6181258	21	—	—
209204 2003 UN_{283}	16.7	X	143.25780	17.60816	339.17475	5.63315	0.2755382	0.24002563	2.5642733	21	1 30.3	20.7
209205 2003 UQ_{283}	15.5	X	76.05863	130.38081	257.62232	10.89299	0.1821098	0.23197807	2.6232405	21	—	—
209206 2003 UQ_{288}	17.8	X	94.97346	174.91834	227.29952	1.79859	0.1464427	0.23863223	2.5742456	21	1 10.2	20.7
209207 2003 UD_{315}	16.0	X	150.16339	309.90098	42.16931	11.45113	0.0982748	0.23710267	2.5853048	21	1 13.1	19.8
209208 2003 UP_{316}	16.3	X	113.85118	238.01493	118.61349	4.86703	0.2838223	0.23496036	2.6009958	21	—	—
209209 Ericmarsh	16.8	X	180.46596	288.69196	158.20368	6.45144	0.0967173	0.25931178	2.4354986	21	6 14.4	20.5
209210 2003 UB_{387}	16.7	X	233.55231	229.18735	146.26936	4.98604	0.0873253	0.25672957	2.4518024	21	5 11.2	20.2
209211 2003 VH_{4}	17.0	X	25.35882	151.00032	333.16232	3.06742	0.1598741	0.23601254	2.5932596	21	—	—
209212 2003 VG_{7}	17.0	X	273.45510	274.66638	34.08114	2.15648	0.0546015	0.25063910	2.4913620	21	4 3.4	20.3
209213 2003 WR_{1}	16.6	X	349.76969	326.58846	125.46707	3.31463	0.1777211	0.22632258	2.6667612	21	—	—
209214 2003 WU_{7}	16.1	X	38.56316	322.25073	87.44642	15.02889	0.1462925	0.22912888	2.6449420	21	—	—
209215 2003 WP_{25}	24.2	X	105.75734	226.43599	40.76350	2.56142	0.1211648	1.00210456	0.9889948	21	—	—
209216 2003 WK_{30}	16.7	X	28.65990	71.46017	357.74793	3.10377	0.2137974	0.22963436	2.6410592	21	—	—
209217 2003 WB_{37}	15.2	X	47.80513	145.71170	264.89023	12.07913	0.1581126	0.23060777	2.6336219	21	—	—
209218 2003 WZ_{40}	16.0	X	37.05734	352.93272	42.95548	6.82430	0.2404170	0.22678316	2.6631493	21	—	—
209219 2003 WX_{52}	16.7	X	89.57683	309.59653	39.39631	2.86946	0.0860046	0.22964428	2.6409831	21	—	—
209220 2003 WR_{55}	16.5	X	131.88653	337.85346	22.85819	4.36806	0.1580119	0.23683314	2.5872659	21	1 9.6	20.0
209221 2003 WW_{61}	16.4	X	60.78970	180.82827	224.56182	1.82388	0.1183162	0.23152687	2.6266474	21	—	—
209222 2003 WJ_{63}	16.4	X	35.03943	334.98010	53.92787	3.53999	0.0994402	0.22505091	2.6767976	21	—	—
209223 2003 WE_{64}	16.1	X	43.71448	141.25760	238.79289	5.38762	0.0620001	0.22479744	2.6788093	21	—	—
209224 2003 WC_{69}	16.0	X	49.65838	325.98475	67.00716	14.12827	0.1955664	0.22817940	2.6522742	21	—	—
209225 2003 WB_{71}	15.4	X	87.82789	73.93942	355.54869	14.12253	0.1567662	0.23892175	2.5721656	21	2 11.8	18.5
209226 2003 WZ_{72}	15.5	X	212.19413	279.63126	30.35084	6.73481	0.1777832	0.24154837	2.5534850	21	1 27.5	19.8
209227 2003 WV_{78}	16.2	X	27.21134	50.09977	306.73320	4.36490	0.0767063	0.21982542	2.7190516	21	11 25.0	19.7
209228 2003 WF_{79}	16.7	X	53.82157	47.79037	338.43342	2.09529	0.1552889	0.22852160	2.6496258	21	—	—
209229 2003 WZ_{81}	16.4	X	55.10606	134.40074	274.52080	7.84682	0.1104475	0.23350942	2.6117591	21	—	—
209230 2003 WQ_{82}	15.9	X	91.99662	261.27836	135.06822	13.72538	0.1645963	0.23484952	2.6018141	21	1 1.9	19.0
209231 2003 WJ_{83}	15.6	X	153.60854	334.51889	25.98179	15.07785	0.1857327	0.24103810	2.5570875	21	2 10.1	19.8
209232 2003 WH_{87}	15.6	X	276.65868	81.94536	349.03281	13.25072	0.1983739	0.20936042	2.8089218	21	8 31.9	19.3
209233 2003 WN_{93}	16.9	X	53.00274	27.21290	16.74458	2.08169	0.1459177	0.23060936	2.6336098	21	—	—
209234 2003 WP_{93}	16.8	X	325.32931	104.62710	326.69837	2.68208	0.1621457	0.22007683	2.7169804	21	11 30.4	19.6
209235 2003 WT_{97}	16.9	X	43.05615	223.83204	141.25669	3.90264	0.2336801	0.22561135	2.6723628	21	—	—
209236 2003 WT_{99}	15.7	X	89.57507	110.27610	286.53940	12.33774	0.0593397	0.23527763	2.5986570	21	—	—
209237 2003 WL_{101}	16.2	X	53.34813	65.80515	319.71809	11.57904	0.2812095	0.23005555	2.6378346	21	—	—
209238 2003 WF_{108}	15.9	X	8.05973	253.42582	231.07240	14.73997	0.0953211	0.23766125	2.5812523	21	—	—
209239 2003 WU_{110}	16.6	X	73.60322	31.34977	6.18534	3.82774	0.1065252	0.23261463	2.6184525	21	—	—
209240 2003 WQ_{111}	16.8	X	70.96174	78.88610	7.95206	3.53156	0.1482078	0.23790631	2.5794795	21	2 2.7	19.5
209241 2003 WD_{112}	16.1	X	134.80695	334.96340	27.72340	5.63264	0.1295423	0.23751730	2.5822952	21	1 11.8	19.7
209242 2003 WE_{116}	15.7	X	127.80358	346.40045	40.47106	6.73296	0.0881753	0.23837758	2.5760786	21	1 29.1	19.2
209243 2003 WV_{118}	16.2	X	61.89505	32.82561	4.51340	3.02578	0.1148536	0.22930217	2.6436093	21	—	—
209244 2003 WX_{119}	16.0	X	48.13068	351.32527	48.66600	5.39949	0.1256518	0.22740204	2.6583152	21	—	—
209245 2003 WW_{124}	15.9	X	323.62802	168.11834	288.86673	8.51329	0.1647892	0.22023706	2.7156624	21	—	—
209246 2003 WJ_{125}	15.9	X	168.35218	15.51757	343.43065	4.43547	0.2559601	0.24111529	2.5565417	21	2 20.3	20.2
209247 2003 WS_{127}	16.0	X	170.24628	351.21009	23.00293	3.84234	0.2203559	0.24290367	2.5439779	21	3 10.5	20.1
209248 2003 WL_{129}	16.5	X	190.80504	197.29888	123.10346	1.55788	0.1562208	0.24147203	2.5540231	21	1 18.4	20.4
209249 2003 WT_{131}	16.3	X	339.64966	167.76563	280.98620	3.87670	0.0822161	0.22360521	2.6883230	21	—	—
209250 2003 WH_{134}	15.8	X	88.23258	310.23812	82.51574	6.96066	0.0909400	0.23331915	2.6131788	21	—	—
209251 2003 WA_{138}	16.2	X	141.89844	338.01463	67.82361	3.92909	0.1484745	0.24294072	2.5437192	21	3 17.6	19.9
209252 2003 WR_{146}	16.3	X	341.27922	298.58005	145.70957	14.16424	0.1959028	0.22422778	2.6833445	21	—	—
209253 2003 WY_{146}	16.3	X	79.32867	228.11386	152.06031	13.58290	0.2522927	0.23252255	2.6191437	21	—	—
209254 2003 WQ_{149}	16.3	X	40.86716	162.08017	202.56164	5.87363	0.0503033	0.22234107	2.6985031	21	12 20.6	20.0
209255 2003 WR_{152}	15.9	X	348.44916	160.95826	7.57706	14.74991	0.0979542	0.23472692	2.6027200	21	1 8.2	19.4
209256 2003 WQ_{157}	15.2	X	26.00760	268.26831	134.79904	22.51477	0.0504052	0.22724040	2.6595757	21	—	—
209257 2003 WY_{158}	17.0	X	60.42277	355.11880	56.85506	1.76425	0.1074313	0.23280114	2.6170538	21	—	—
209258 2003 WS_{159}	16.5	X	91.25378	302.10599	88.75931	4.66445	0.1517629	0.23527236	2.5986958	21	—	—
209259 2003 WW_{162}	16.5	X	166.33208	246.54408	128.41639	2.82484	0.1005382	0.24396894	2.5365671	21	2 26.6	20.0
209260 2003 WF_{163}	16.6	X	319.24667	127.46454	80.20875	3.21159	0.1003981	0.23866357	2.5740203	21	1 15.2	20.1
209261 2003 WP_{174}	16.5	X	312.38124	99.28311	55.19554	8.80479	0.0852044	0.23243081	2.6198329	21	—	—
209262 2003 WX_{189}	15.6	X	332.46998	103.31790	335.65923	16.99371	0.1364425	0.22266041	2.6959223	21	12 28.1	18.9
209263 2003 WZ_{189}	15.4	X	10.58229	66.46523	9.37589	21.95606	0.0495398	0.22746752	2.6578051	21	—	—
209264 2003 WE_{192}	15.9	X	48.06187	43.20215	332.29290	7.32865	0.3636178	0.22678209	2.6631577	21	—	—
209265 2003 XU_{3}	15.8	X	321.66965	274.83926	210.58803	7.24592	0.1216676	0.22430155	2.6827561	21	—	—
209266 2003 XH_{4}	16.2	X	78.92019	251.04687	135.44379	5.84084	0.1270680	0.23115400	2.6294713	21	—	—
209267 2003 XS_{6}	15.8	X	309.39317	158.74976	301.80126	12.00038	0.1506206	0.21752927	2.7381521	21	12 10.7	18.9
209268 2003 XK_{8}	15.8	X	64.17266	36.33609	348.38979	13.43570	0.1352978	0.22909685	2.6451886	21	—	—
209269 2003 XG_{9}	15.5	X	68.76902	49.97294	333.94795	13.42646	0.1438431	0.22876699	2.6477307	21	—	—
209270 2003 XQ_{12}	16.1	X	339.65442	41.03104	42.43935	14.88789	0.1686317	0.22045836	2.7138447	21	—	—
209271 2003 XS_{12}	15.8	X	129.17583	33.62732	354.86104	13.42034	0.1725024	0.23724733	2.5842538	21	2 15.4	19.5
209272 2003 XW_{14}	15.9	X	79.48714	45.75006	353.43560	22.29626	0.0764923	0.23402926	2.6078901	21	—	—
209273 2003 XP_{19}	16.8	X	63.84628	74.71229	359.94570	2.23126	0.1954993	0.23487951	2.6015926	21	1 8.2	19.0
209274 2003 XY_{28}	15.8	X	234.61268	233.08228	59.15091	8.69731	0.1333509	0.24158883	2.5531999	21	1 26.5	19.9
209275 2003 YB_{5}	16.3	X	61.45351	226.41565	154.29573	6.40404	0.2538680	0.22902327	2.6457551	21	—	—
209276 2003 YO_{12}	16.0	X	352.31628	54.06017	5.22591	9.50776	0.0845836	0.21893983	2.7263788	21	12 27.8	19.5
209277 2003 YS_{15}	15.8	X	345.32019	116.53324	66.53409	6.43016	0.1799595	0.23546962	2.5972443	21	1 7.9	18.8
209278 2003 YW_{15}	15.7	X	278.24695	25.02849	83.64112	13.60147	0.1696655	0.21180723	2.7872475	21	10 31.9	19.4
209279 2003 YY_{18}	15.9	X	319.24707	27.77824	91.56563	8.32161	0.1822126	0.22395579	2.6855167	21	—	—
209280 2003 YX_{21}	16.5	X	327.93857	14.49922	39.19557	1.74418	0.2261503	0.21409406	2.7673641	21	11 7.8	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209281 2003 YD_{23}	14.3	X	112.15920	267.69132	108.67252	26.03761	0.2821424	0.17703421	3.1412168	21	2 3.0	19.1
209282 2003 YS_{28}	15.9	X	304.02895	211.44491	250.19820	7.60599	0.0845962	0.21941710	2.7224239	21	12 8.2	19.1
209283 2003 YV_{29}	15.5	X	294.24938	11.17789	89.04125	9.26466	0.1845734	0.21263574	2.7800026	21	11 10.7	18.7
209284 2003 YZ_{34}	15.7	X	10.68609	352.49531	78.10233	3.32678	0.0637861	0.22171003	2.7036210	21	—	—
209285 2003 YS_{40}	16.2	X	301.96740	4.37043	107.94366	3.08215	0.0869637	0.21649874	2.7468344	21	12 18.2	19.5
209286 2003 YT_{40}	16.4	X	241.50072	121.41822	301.51067	0.98555	0.0214269	0.19901115	2.9054792	21	7 30.5	20.4
209287 2003 YS_{43}	15.8	X	293.30975	146.21403	275.97490	7.70302	0.1420312	0.20860693	2.8156817	21	9 16.2	19.4
209288 2003 YE_{48}	16.7	X	322.19053	193.31979	278.16963	2.22745	0.0570184	0.22289626	2.6940203	21	—	—
209289 2003 YH_{55}	15.9	X	337.77478	137.73442	83.28245	15.07762	0.0651056	0.24251011	2.5467295	21	3 11.7	19.4
209290 2003 YP_{56}	16.0	X	47.03130	316.62363	93.38215	5.42847	0.1300893	0.22786670	2.6547002	21	—	—
209291 2003 YJ_{66}	15.5	X	329.59933	181.20001	215.64864	8.73269	0.1635089	0.21491582	2.7603053	21	10 19.2	18.3
209292 2003 YZ_{77}	15.8	X	350.68088	112.99268	288.47173	12.23682	0.1035146	0.21600626	2.7510078	21	12 1.4	19.2
209293 2003 YP_{85}	16.4	X	138.27930	182.84969	197.50825	3.63484	0.2420224	0.23968061	2.5667335	21	2 17.5	20.3
209294 2003 YR_{89}	16.0	X	304.28832	22.35222	82.13930	4.54294	0.0604711	0.21542496	2.7559545	21	12 12.9	19.2
209295 2003 YD_{107}	15.9	X	286.36375	16.78459	135.34353	5.78073	0.0980530	0.21870663	2.7283165	21	—	—
209296 2003 YO_{109}	16.1	X	145.12796	164.75689	111.45659	4.44510	0.0563186	0.21436537	2.7650286	21	12 31.1	20.2
209297 2003 YM_{111}	16.6	X	137.86395	34.91023	325.71560	1.63333	0.1598590	0.23678587	2.5876102	21	1 16.0	20.0
209298 2003 YR_{111}	15.6	X	281.87187	94.22905	58.25521	14.72173	0.1025760	0.22208639	2.7005657	21	—	—
209299 2003 YE_{119}	15.8	X	312.63964	331.98568	89.62815	5.96214	0.0541401	0.21194562	2.7860341	21	11 1.3	19.4
209300 2003 YN_{120}	15.9	X	280.42904	58.30854	47.90177	9.09746	0.1687110	0.21269412	2.7794939	21	10 27.8	19.2
209301 2003 YX_{121}	16.9	X	231.10296	68.46210	126.51899	1.35775	0.0391174	0.22200416	2.7012325	21	—	—
209302 2003 YN_{131}	16.1	X	6.05159	42.18747	15.18042	7.79396	0.2241722	0.22252530	2.6970135	21	—	—
209303 2003 YG_{134}	16.0	X	32.58286	71.56519	338.27397	12.21674	0.2101641	0.22407038	2.6846010	21	—	—
209304 2003 YN_{135}	16.1	X	314.08578	58.33853	0.32379	8.92325	0.2207746	0.21213904	2.7843404	21	10 11.6	18.9
209305 2003 YX_{139}	15.8	X	263.13583	122.63020	77.62592	10.45971	0.0929660	0.22447206	2.6813974	21	—	—
209306 2003 YY_{156}	16.0	X	55.34821	287.77913	106.12715	10.93624	0.1210441	0.22837797	2.6507366	21	—	—
209307 2003 YX_{157}	16.4	X	345.43202	125.05557	334.30863	4.53493	0.0866211	0.22700633	2.6614036	21	—	—
209308 2003 YN_{161}	15.9	X	58.42756	7.09684	8.42355	8.46839	0.1967409	0.22596031	2.6696107	21	—	—
209309 2003 YV_{174}	16.3	X	114.64262	252.94351	106.99050	6.75513	0.0576612	0.22665455	2.6641566	21	—	—
209310 2004 AP	15.6	X	249.67862	254.97651	243.46091	12.03467	0.0844102	0.21529489	2.7570644	21	11 7.1	19.4
209311 2004 AB_{2}	17.4	X	14.58613	254.17257	112.48937	24.19262	0.0888435	0.38164880	1.8823200	21	—	—
209312 2004 AK_{22}	16.7	X	211.92477	181.83411	125.56824	3.49633	0.1506688	0.23265703	2.6181343	21	1 22.9	20.9
209313 2004 AJ_{25}	16.4	X	126.81331	247.90518	136.78747	3.85007	0.2075603	0.23924756	2.5698299	21	2 8.3	19.9
209314 2004 BQ_{5}	15.8	X	98.60588	259.63816	107.17857	6.80256	0.0652901	0.22418398	2.6836941	21	—	—
209315 2004 BL_{6}	16.3	X	350.34449	158.43688	235.15771	2.69039	0.1032610	0.21224545	2.7834096	21	11 20.3	19.6
209316 2004 BP_{13}	16.6	X	45.34150	10.92005	44.13763	2.63284	0.1104217	0.22394742	2.6855836	21	—	—
209317 2004 BX_{16}	15.9	X	2.39655	63.78291	11.15424	12.13313	0.1949082	0.22542179	2.6738608	21	—	—
209318 2004 BQ_{33}	16.6	X	337.68436	339.55046	111.90180	6.66146	0.0196354	0.21736503	2.7395313	21	—	—
209319 2004 BQ_{44}	15.9	X	302.86195	275.32246	163.87659	9.73981	0.2496206	0.21113954	2.7931205	21	10 18.4	18.7
209320 2004 BQ_{59}	16.4	X	274.76209	337.70920	159.02303	3.77788	0.2155126	0.21374134	2.7704078	21	11 21.1	19.8
209321 2004 BM_{61}	15.7	X	58.13978	255.11044	103.72923	8.24367	0.1646825	0.21955719	2.7212656	21	—	—
209322 2004 BN_{70}	16.2	X	330.90663	117.67692	336.46414	5.18297	0.0960935	0.21696125	2.7429292	21	—	—
209323 2004 BJ_{71}	16.0	X	237.28330	112.47599	359.47488	2.41378	0.1942739	0.20376347	2.8601260	21	9 6.1	20.3
209324 2004 BD_{82}	16.2	X	280.71034	270.49454	179.62635	9.01184	0.1800825	0.20888369	2.8131941	21	10 3.9	19.5
209325 2004 BB_{84}	16.2	X	124.78738	38.80143	286.81452	2.96213	0.0390727	0.22037547	2.7145252	21	—	—
209326 2004 BO_{87}	15.7	X	310.93300	304.59023	162.87956	14.33169	0.1308557	0.21611801	2.7500594	21	12 24.2	19.0
209327 2004 BC_{92}	15.9	X	164.94414	355.68860	164.21689	4.51611	0.2167124	0.19748374	2.9204413	21	8 30.6	20.9
209328 2004 BB_{93}	15.9	X	318.26718	314.36759	180.17360	13.48499	0.0982940	0.21983712	2.7189551	21	—	—
209329 2004 BQ_{110}	15.5	X	263.20472	123.63985	107.27054	10.70323	0.3096341	0.21974763	2.7196932	21	—	—
209330 2004 BN_{127}	16.5	X	170.57900	215.90955	100.51072	3.06874	0.0777629	0.22685503	2.6625868	21	—	—
209331 2004 BQ_{131}	16.6	X	332.26294	287.22191	134.41145	4.66134	0.0849290	0.21328092	2.7743934	21	11 29.1	20.0
209332 2004 BW_{131}	16.9	X	113.79130	161.35905	165.50619	2.74617	0.0700368	0.22001714	2.7174717	21	—	—
209333 2004 BY_{136}	15.8	X	167.82985	334.80149	317.15191	9.41291	0.2266012	0.22110051	2.7085876	21	—	—
209334 2004 BT_{147}	16.5	X	53.49299	351.75790	38.28021	2.79100	0.2450255	0.22535843	2.6743619	21	—	—
209335 2004 BF_{148}	16.1	X	48.91013	303.85174	84.46212	4.84350	0.2171319	0.22193308	2.7018093	21	—	—
209336 2004 CZ_{2}	15.7	X	202.33025	144.07866	352.29406	12.90094	0.1266912	0.20318774	2.8655262	21	9 8.1	20.1
209337 2004 CM_{13}	15.9	X	64.00110	67.32422	122.50340	2.14476	0.1181799	0.18546500	3.0452859	21	6 13.6	19.9
209338 2004 CJ_{14}	16.1	X	102.55467	191.08093	106.82433	4.90192	0.0926667	0.21120799	2.7925170	21	12 13.6	20.2
209339 2004 CZ_{19}	15.9	X	219.43682	63.06353	121.49806	10.47778	0.0873296	0.21137412	2.7910536	21	11 30.4	20.1
209340 2004 CQ_{21}	15.9	X	274.30798	343.02261	158.72041	4.61527	0.0640715	0.21303082	2.7765645	21	12 17.6	19.5
209341 2004 CD_{28}	16.3	X	74.15754	225.49780	358.47404	0.78614	0.0287095	0.19572746	2.9378856	21	7 29.6	20.3
209342 2004 CT_{47}	16.1	X	172.82692	355.76150	173.68283	8.39379	0.1355055	0.19873728	2.9081479	21	9 18.6	20.7
209343 2004 CC_{51}	17.9	X	201.57100	277.97101	329.66460	18.93393	0.0979236	0.38554957	1.8696023	21	—	—
209344 2004 CL_{68}	16.5	X	309.47697	260.04528	173.10690	3.02619	0.1592012	0.21118086	2.7927561	21	11 1.7	19.6
209345 2004 CD_{88}	16.2	X	60.41715	332.71541	45.36644	5.72662	0.1286830	0.21981101	2.7191704	21	—	—
209346 2004 CZ_{93}	15.7	X	162.42967	154.98300	318.58235	9.82833	0.0651602	0.19033005	2.9931684	21	6 29.9	20.2
209347 2004 CG_{105}	15.9	X	292.62304	74.40398	9.88371	14.96806	0.1267159	0.20565105	2.8425979	21	10 18.1	19.4
209348 2004 CA_{108}	16.1	X	15.49142	80.07682	327.25179	3.66422	0.0663185	0.21392548	2.7688178	21	—	—
209349 2004 CR_{115}	16.3	X	208.64783	165.89020	14.73060	4.10508	0.0394076	0.20995914	2.8035794	21	11 15.3	20.2
209350 2004 CC_{116}	16.3	X	307.04354	50.28673	53.28278	2.67742	0.0339989	0.21391485	2.7689095	21	12 16.5	19.8
209351 2004 DV_{5}	16.1	X	354.21493	257.53734	144.70598	4.64490	0.1005493	0.20975204	2.8054245	21	12 7.7	19.5
209352 2004 DE_{11}	15.6	X	173.12558	338.51013	138.28540	2.81062	0.1053905	0.19198279	2.9759652	21	7 15.2	20.1
209353 2004 DF_{18}	16.0	X	229.96670	51.75389	185.23607	13.81349	0.0664571	0.21782146	2.7357030	21	—	—
209354 2004 DS_{25}	15.8	X	347.20453	237.07124	10.00695	9.98787	0.0334883	0.18142027	3.0903821	21	4 28.7	20.0
209355 2004 DJ_{39}	16.0	X	206.39101	2.38521	73.43676	1.09470	0.0649329	0.19192359	2.9765772	21	6 30.2	20.4
209356 2004 DD_{41}	15.3	X	129.22443	94.72697	16.62301	9.80778	0.0620960	0.18295327	3.0730946	21	5 16.3	19.8
209357 2004 DQ_{42}	14.5	X	122.10508	64.86937	25.45678	19.28770	0.1687892	0.17765671	3.1338748	21	4 24.9	19.4
209358 2004 DR_{44}	16.0	X	14.34521	141.99235	161.88868	11.25027	0.0264661	0.19506695	2.9445138	21	8 21.1	20.0
209359 2004 DC_{46}	15.6	X	225.43586	122.65493	332.31226	12.35044	0.0807664	0.19717157	2.9235230	21	8 15.5	19.8
209360 2004 DF_{53}	16.1	X	343.36757	234.72782	137.03331	6.76699	0.0982660	0.20325675	2.8648775	21	10 11.5	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209361 2004 DV_{54}	16.5	X	45.69731	162.48495	149.65058	2.62048	0.0576686	0.20278647	2.8693051	21	10 20.1	20.3
209362 2004 DD_{59}	15.8	X	63.62023	78.07718	137.70125	5.16836	0.0945655	0.18672769	3.0315419	21	7 13.5	19.9
209363 2004 DF_{61}	16.0	X	61.95017	10.23814	168.20274	2.23217	0.1330248	0.18249176	3.0782735	21	5 29.1	19.9
209364 2004 DA_{64}	15.6	X	152.07069	277.24286	152.10596	17.12644	0.1934585	0.18236965	3.0796475	21	5 6.9	21.0
209365 2004 DO_{64}	15.1	X	57.27797	167.59504	16.10562	15.80211	0.1941387	0.18052256	3.1006189	21	6 3.2	19.2
209366 2004 EA_{4}	17.6	X	291.74253	6.14899	143.62691	22.81691	0.0557020	0.38357941	1.8759987	21	—	—
209367 2004 EN_{8}	15.5	X	29.67022	274.20139	351.08984	3.46566	0.1536221	0.18588559	3.0406906	21	8 6.2	19.0
209368 2004 EG_{11}	14.8	X	312.34517	274.39241	11.09937	10.14970	0.1437717	0.18038610	3.1021824	21	4 16.5	18.8
209369 2004 EG_{14}	14.9	X	19.52325	156.90590	133.53421	10.58224	0.0559545	0.19063652	2.9899596	21	8 13.8	18.8
209370 2004 EL_{14}	15.6	X	110.15805	106.98745	149.03608	7.85569	0.0736420	0.19932251	2.9024527	21	10 31.3	20.0
209371 2004 ES_{14}	15.1	X	146.41550	25.13970	143.52517	12.28868	0.0811513	0.19201258	2.9756574	21	8 20.9	19.6
209372 2004 ED_{16}	15.6	X	191.80009	103.74652	343.18589	9.45764	0.0817954	0.18961931	3.0006431	21	6 28.4	20.3
209373 2004 EF_{16}	15.6	X	66.60012	243.88788	341.18263	9.31809	0.0343465	0.18976055	2.9991540	21	7 23.7	19.8
209374 2004 EC_{22}	15.9	X	124.27617	82.31987	172.98541	1.94203	0.0175160	0.20337205	2.8637947	21	11 9.4	19.9
209375 2004 EA_{24}	15.4	X	144.52918	275.07392	177.54819	10.33479	0.1419337	0.18305423	3.0719645	21	5 21.6	20.3
209376 2004 EM_{24}	15.1	X	99.26367	318.44722	175.45746	21.92103	0.0401814	0.17986983	3.1081157	21	5 11.5	19.8
209377 2004 ES_{28}	16.3	X	135.44848	253.97608	155.35738	1.56750	0.1532135	0.17524593	3.1625501	21	3 21.5	21.1
209378 2004 EC_{30}	15.6	X	270.27254	165.94302	140.67531	2.29741	0.1423427	0.17566795	3.1574830	21	3 25.9	20.4
209379 2004 EU_{31}	15.2	X	359.78178	271.46967	337.78850	9.64455	0.0365553	0.18056744	3.1001051	21	5 18.4	19.5
209380 2004 EX_{32}	15.5	X	135.69615	281.38632	260.18075	12.73537	0.1989747	0.19134114	2.9826146	21	8 25.9	20.7
209381 2004 EG_{40}	15.7	X	353.50879	84.40982	163.11268	6.71583	0.0803170	0.17978018	3.1091488	21	5 10.5	19.7
209382 2004 EO_{41}	15.0	X	3.15745	98.67116	184.38788	10.58814	0.1012331	0.18604768	3.0389243	21	7 9.1	18.9
209383 2004 EU_{43}	15.5	X	27.53270	160.90403	141.39717	5.44479	0.1141738	0.19443405	2.9509001	21	9 18.4	19.1
209384 2004 EN_{45}	15.6	X	334.06617	169.94593	171.45923	14.25848	0.0699400	0.19304748	2.9650131	21	8 10.9	19.5
209385 2004 ED_{47}	15.6	X	267.44510	338.25410	2.28150	10.39318	0.1174439	0.18230347	3.0803928	21	5 1.5	20.3
209386 2004 EO_{47}	15.7	X	156.71039	98.69983	13.36899	10.36096	0.0462382	0.18596256	3.0398515	21	6 18.9	20.3
209387 2004 EZ_{47}	16.3	X	102.36454	353.34577	183.49032	2.35076	0.0838380	0.18640901	3.0349960	21	7 11.6	20.7
209388 2004 EM_{49}	15.6	X	28.47465	96.24914	168.28742	11.15226	0.0623879	0.18733599	3.0249757	21	7 21.8	19.7
209389 2004 EF_{52}	15.4	X	67.13870	29.64137	138.30174	11.04718	0.0487505	0.18026933	3.1035220	21	5 14.5	19.8
209390 2004 EV_{56}	14.8	X	15.12675	179.64932	26.62318	28.36073	0.1133301	0.17388283	3.1790565	21	4 17.8	18.5
209391 2004 EP_{60}	16.1	X	96.38219	34.38952	131.23683	2.31263	0.0964722	0.18497340	3.0506792	21	6 21.9	20.4
209392 2004 EV_{61}	15.7	X	123.73461	341.83805	176.10735	9.50220	0.0878528	0.18801045	3.0177370	21	7 12.2	20.3
209393 2004 EE_{63}	15.7	X	19.18027	8.90727	255.87827	2.47721	0.0649720	0.18683648	3.0303650	21	7 9.7	19.5
209394 2004 EZ_{63}	16.3	X	167.21290	356.22245	204.22003	1.53802	0.1291923	0.19945838	2.9011344	21	10 20.7	21.0
209395 2004 ET_{69}	16.0	X	168.64755	95.03348	354.63057	11.67281	0.2084152	0.18782737	3.0196977	21	6 8.3	21.3
209396 2004 EN_{71}	15.3	X	282.72896	288.82391	344.77658	12.78127	0.0595829	0.17292422	3.1907945	21	3 9.4	19.8
209397 2004 EL_{75}	15.5	X	98.35182	352.61740	170.80716	9.50860	0.0838836	0.18314393	3.0709614	21	6 20.1	20.0
209398 2004 ED_{78}	15.8	X	109.01848	355.83265	142.52565	2.37425	0.1705623	0.18293699	3.0732770	21	6 11.9	20.4
209399 2004 EW_{78}	15.9	X	162.66978	135.25179	88.99217	2.99237	0.0924024	0.20383542	2.8594529	21	11 15.4	20.2
209400 2004 EY_{82}	16.0	X	60.06347	132.93262	70.87917	5.91278	0.1956167	0.18125324	3.0922803	21	7 8.7	19.9
209401 2004 EA_{83}	15.4	X	80.71316	82.17788	171.37662	11.70976	0.0471924	0.19157702	2.9801659	21	9 16.9	19.5
209402 2004 ER_{85}	15.0	X	30.50852	118.51937	155.17811	12.98805	0.0607197	0.18900432	3.0071487	21	8 6.4	18.9
209403 2004 EO_{92}	16.2	X	274.76704	37.30198	347.84121	11.26500	0.0427679	0.19126033	2.9834547	21	7 24.1	20.5
209404 2004 EV_{93}	15.5	X	343.96387	232.51295	52.27539	2.13834	0.1677620	0.18328573	3.0693774	21	6 5.2	18.7
209405 2004 EZ_{94}	15.1	X	27.23929	102.72866	127.67401	12.03042	0.1170590	0.17992906	3.1074335	21	6 11.8	19.0
209406 2004 EK_{95}	15.7	X	123.15336	159.88517	83.69302	7.44667	0.2235924	0.19782288	2.9171026	21	11 6.6	20.7
209407 2004 FA_{4}	16.2	X	339.39668	186.44081	97.44680	2.73130	0.0385028	0.18309819	3.0714729	21	6 7.1	20.2
209408 2004 FB_{5}	16.5	X	127.29865	232.65529	264.76069	0.81231	0.0510688	0.18702216	3.0283589	21	6 17.4	20.7
209409 2004 FU_{8}	15.9	X	205.36614	99.84040	126.91371	4.66500	0.1188700	0.21116602	2.7928869	21	12 30.2	20.1
209410 2004 FT_{11}	15.3	X	93.77282	240.18492	233.95947	8.05163	0.0533783	0.17589416	3.1547754	21	4 6.4	19.7
209411 2004 FF_{22}	15.2	X	14.55019	250.93356	359.27885	15.92604	0.1678679	0.18037090	3.1023567	21	6 16.7	19.0
209412 2004 FM_{22}	15.5	X	45.17091	297.19745	265.76206	12.25828	0.1754980	0.17958436	3.1114085	21	6 10.2	19.2
209413 2004 FJ_{24}	16.1	X	216.18308	339.10154	184.67984	1.26411	0.0146299	0.20423007	2.8557680	21	11 6.7	20.0
209414 2004 FP_{30}	15.3	X	22.29480	88.44104	160.41050	24.22993	0.3411236	0.17711392	3.1402743	21	7 22.2	18.5
209415 2004 FZ_{30}	15.4	X	13.72466	78.97511	165.24316	25.66454	0.2609207	0.17498976	3.1656358	21	6 15.4	19.1
209416 2004 FM_{31}	15.1	X	298.15236	160.95860	111.31555	28.78278	0.1460020	0.17065712	3.2189911	21	3 26.3	20.2
209417 2004 FH_{32}	15.2	X	61.76963	90.57534	95.79293	22.83540	0.1963578	0.17892358	3.1190643	21	6 18.9	19.2
209418 2004 FE_{35}	14.8	X	212.09811	26.13440	343.53800	21.36493	0.0237389	0.17796698	3.1302313	21	4 7.2	19.6
209419 2004 FS_{35}	15.5	X	85.96328	150.04208	14.55219	18.31059	0.1745953	0.18195657	3.0843066	21	6 17.1	20.2
209420 2004 FT_{37}	15.3	X	55.68745	247.13711	301.21844	5.80595	0.0981721	0.18043653	3.1016044	21	5 26.7	19.3
209421 2004 FW_{37}	15.3	X	130.14963	255.54340	245.46540	5.57658	0.1401783	0.18633775	3.0357696	21	7 3.5	20.1
209422 2004 FF_{38}	15.2	X	102.30262	295.41149	207.65111	13.59859	0.0634354	0.18125738	3.0922333	21	5 27.6	19.7
209423 2004 FB_{40}	15.7	X	1.20699	299.22655	348.42778	12.67055	0.1430716	0.18722747	3.0261445	21	7 17.8	19.3
209424 2004 FP_{45}	15.4	X	88.75325	139.85943	10.72199	27.75867	0.1228009	0.17958440	3.1114081	21	5 16.3	20.2
209425 2004 FX_{45}	15.2	X	110.63369	65.55762	50.64769	10.55903	0.2001615	0.17841482	3.1249910	21	5 19.9	19.9
209426 2004 FY_{49}	15.5	X	74.72815	224.17025	346.17589	8.69041	0.0804282	0.18564786	3.0432859	21	7 21.9	19.8
209427 2004 FO_{50}	15.0	X	83.27704	186.27056	6.90480	5.17840	0.0996407	0.18328644	3.0693694	21	7 12.5	19.3
209428 2004 FR_{50}	15.4	X	13.11087	126.17354	157.70699	11.55636	0.1243307	0.18564694	3.0432959	21	7 28.5	19.1
209429 2004 FL_{52}	16.1	X	20.16823	154.03130	99.29728	3.00033	0.1359119	0.18311941	3.0712356	21	6 30.7	19.6
209430 2004 FR_{56}	15.5	X	56.01870	152.87934	95.42033	5.69154	0.1417891	0.18560154	3.0437922	21	8 24.2	19.5
209431 2004 FR_{59}	15.9	X	61.03185	325.94037	172.52874	6.23930	0.1295029	0.17483608	3.1674906	21	4 6.4	19.8
209432 2004 FC_{63}	15.9	X	100.62716	111.23982	103.88551	2.80360	0.0771381	0.18930927	3.0039184	21	8 28.2	20.2
209433 2004 FE_{63}	15.2	X	146.30752	90.88186	33.48727	14.63666	0.2245875	0.18535833	3.0464542	21	7 4.9	20.6
209434 2004 FP_{63}	15.2	X	137.65867	352.95289	171.12094	11.59416	0.0671590	0.18842190	3.0133423	21	8 2.3	19.8
209435 2004 FV_{63}	15.6	X	131.18943	160.91119	31.15922	10.49193	0.0325334	0.19115656	2.9845344	21	9 3.6	20.0
209436 2004 FV_{69}	15.5	X	263.36274	168.15910	196.34547	10.00534	0.1178530	0.18218991	3.0816726	21	5 31.2	20.1
209437 2004 FB_{70}	15.8	X	61.72157	8.74893	200.26653	2.94991	0.0520405	0.18266645	3.0763107	21	6 25.9	19.9
209438 2004 FN_{81}	15.1	X	78.49190	24.12777	142.81431	13.00475	0.1043350	0.17896543	3.1185781	21	6 4.4	19.6
209439 2004 FF_{93}	16.0	X	122.29024	235.11641	318.60660	1.73057	0.0955257	0.19097623	2.9864128	21	8 26.7	20.4
209440 2004 FH_{94}	15.3	X	302.39349	92.11323	181.38067	9.15407	0.0422158	0.17471672	3.1689331	21	4 6.1	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209441 2004 FY_{99}	15.5	X	277.51633	224.82732	166.62151	12.77645	0.0992844	0.19592582	2.9359023	21	7 22.7	19.7
209442 2004 FA_{101}	15.8	X	201.76412	234.06430	168.81849	9.90636	0.0364551	0.18120274	3.0928549	21	5 17.9	20.4
209443 2004 FJ_{107}	15.1	X	89.90888	235.21715	6.16100	12.09691	0.0576537	0.19176009	2.9782688	21	9 16.2	19.2
209444 2004 FS_{115}	15.1	X	36.76872	138.64852	75.62446	7.17267	0.0686100	0.18091285	3.0961579	21	5 30.6	19.0
209445 2004 FF_{123}	16.0	X	4.72770	116.14067	176.94360	5.06647	0.2060420	0.18631242	3.0360448	21	7 29.9	19.0
209446 2004 FU_{130}	15.3	X	123.19144	22.41048	104.89286	10.46916	0.0843743	0.18188287	3.0851398	21	6 4.9	19.9
209447 2004 FQ_{136}	15.6	X	5.56740	208.65552	39.40388	10.97190	0.1527119	0.17735982	3.1373711	21	5 25.9	19.3
209448 2004 FO_{137}	14.8	X	326.94923	173.43033	94.60573	20.53090	0.0950566	0.17615707	3.1516356	21	5 3.7	19.3
209449 2004 FL_{138}	15.0	X	46.26704	100.09790	92.93493	17.27568	0.1730641	0.17749723	3.1357516	21	5 31.9	18.8
209450 2004 FE_{139}	15.1	X	38.01626	289.79190	235.67135	8.94069	0.0941279	0.17313619	3.1881896	21	3 29.3	19.2
209451 2004 FF_{141}	15.7	X	88.13027	289.24989	208.78661	5.48704	0.1381199	0.17783258	3.1318082	21	5 14.2	20.1
209452 2004 FT_{161}	16.2	X	60.72323	94.28342	178.21064	2.18674	0.0571336	0.19572847	2.9378755	21	9 17.0	20.1
209453 2004 GA_{11}	15.3	X	9.16891	71.34213	177.54393	16.83433	0.1902263	0.17701657	3.1414256	21	6 7.3	19.0
209454 2004 GV_{11}	17.5	X	236.69241	115.96346	103.63248	24.31053	0.0351193	0.38373554	1.8754898	21	—	—
209455 2004 GK_{15}	16.8	X	83.08841	201.82729	84.44486	24.46757	0.0818863	0.36689466	1.9324508	21	12 5.4	19.0
209456 2004 GO_{16}	15.5	X	74.46439	1.78418	171.27577	17.70079	0.1500795	0.17926431	3.1151108	21	6 12.7	20.1
209457 2004 GK_{18}	15.2	X	52.16183	77.85390	151.30447	16.92941	0.1609493	0.18122623	3.0925876	21	7 23.8	19.3
209458 2004 GP_{22}	15.6	X	112.93852	111.27797	30.03678	17.65788	0.1121542	0.18138641	3.0907667	21	6 9.6	20.4
209459 2004 GF_{28}	16.5	X	132.85627	177.66866	97.89851	31.48595	0.0419306	0.37260100	1.9126700	21	—	—
209460 2004 GG_{28}	15.3	X	46.54262	76.57724	177.96992	26.01076	0.2682685	0.18057165	3.1000570	21	9 3.4	19.3
209461 2004 GZ_{33}	15.5	X	32.18799	174.99169	38.15512	11.20485	0.1514230	0.17505635	3.1648331	21	5 27.5	19.2
209462 2004 GV_{40}	16.0	X	7.18576	204.86490	27.74492	1.54389	0.1159275	0.17613680	3.1518774	21	5 9.7	19.7
209463 2004 GG_{47}	16.3	X	119.85147	87.44634	39.64495	3.94259	0.1284042	0.18073516	3.0981869	21	6 4.2	21.0
209464 2004 GW_{47}	15.6	X	117.37564	74.71537	26.49647	22.01714	0.0920352	0.17564522	3.1577554	21	4 24.2	20.3
209465 2004 GO_{49}	16.3	X	85.91309	231.47104	322.09782	1.54995	0.1384909	0.18362873	3.0655540	21	7 21.1	20.6
209466 2004 GM_{51}	15.9	X	13.99426	263.50939	35.14465	11.17284	0.1295357	0.18708403	3.0276911	21	8 27.5	19.7
209467 2004 GW_{52}	15.9	X	230.29620	3.43971	75.54659	2.08786	0.0214421	0.18862981	3.0111277	21	8 6.4	20.0
209468 2004 GX_{52}	16.1	X	330.12920	103.45452	188.58853	4.70704	0.1166065	0.17948594	3.1125459	21	5 28.4	19.9
209469 2004 GZ_{55}	15.4	X	249.39360	338.93784	357.65986	4.04328	0.1017735	0.17430657	3.1739023	21	4 11.7	20.2
209470 2004 GB_{57}	16.3	X	153.83664	316.55063	148.25510	0.10346	0.1716033	0.18547459	3.0451810	21	6 14.2	21.3
209471 2004 GF_{58}	15.6	X	146.73405	52.09679	45.70981	7.56076	0.1313081	0.18064952	3.0991660	21	5 26.8	20.4
209472 2004 GB_{62}	15.9	X	157.43888	48.97874	31.70108	5.08420	0.1339702	0.18016368	3.1047352	21	5 16.5	20.7
209473 2004 GS_{80}	15.7	X	155.62141	267.00780	171.31361	5.41484	0.1410684	0.18287806	3.0739371	21	5 14.3	20.6
209474 2004 HK_{1}	17.0	X	266.12369	296.90331	222.82663	19.54620	0.0463336	0.37934821	1.8899226	21	—	—
209475 2004 HT_{2}	15.5	X	81.15906	277.83287	234.75695	7.39294	0.1664841	0.17921970	3.1156277	21	5 27.5	19.6
209476 2004 HH_{4}	15.2	X	126.53039	76.29543	37.04337	10.47007	0.1016392	0.17970035	3.1100696	21	5 21.3	19.9
209477 2004 HO_{8}	15.2	X	330.93811	131.99627	148.40475	6.75183	0.1190284	0.17587357	3.1550216	21	5 15.6	19.3
209478 2004 HP_{17}	15.5	X	26.63561	202.45297	351.61280	8.16578	0.1085053	0.17496063	3.1659873	21	4 18.2	19.4
209479 2004 HU_{18}	14.6	X	5.05046	3.04749	249.29716	24.43503	0.1851209	0.17907880	3.1172617	21	6 1.5	17.9
209480 2004 HD_{30}	15.7	X	42.36826	353.87511	208.47569	4.65986	0.0869160	0.17744629	3.1363518	21	5 25.5	19.8
209481 2004 HG_{33}	17.3	X	285.18979	56.23666	48.60397	23.00705	0.0613621	0.37265977	1.9124689	21	12 20.9	19.2
209482 2004 HH_{34}	15.8	X	107.11742	54.31452	85.19617	7.61455	0.1924190	0.18146214	3.0899067	21	6 13.9	20.5
209483 2004 HT_{37}	14.8	X	241.49025	177.10278	169.26090	21.23665	0.0323730	0.17487661	3.1670013	21	4 26.4	19.6
209484 2004 HE_{45}	15.3	X	353.26487	53.97383	210.08179	8.63654	0.1812306	0.17674185	3.1446799	21	5 25.8	18.8
209485 2004 HZ_{51}	15.1	X	90.92377	40.90714	91.93364	13.49537	0.0964898	0.17605416	3.1528637	21	5 9.2	19.6
209486 2004 HB_{60}	14.8	X	31.62760	158.12670	83.22712	12.23635	0.1504606	0.17903047	3.1178227	21	7 6.1	18.5
209487 2004 HP_{60}	15.0	X	59.89395	349.52335	227.19432	16.54058	0.1347540	0.18125958	3.0922083	21	7 11.6	19.4
209488 2004 HW_{62}	15.2	X	90.11614	83.79016	97.06451	14.86923	0.2222337	0.18062506	3.0994458	21	7 21.6	19.8
209489 2004 JV	15.0	X	269.20634	237.06151	63.71737	2.31612	0.1103234	0.16771922	3.2564731	21	3 22.7	19.8
209490 2004 JW_{3}	15.5	X	95.37180	287.48147	75.32297	3.57696	0.0554363	0.15205606	3.4764305	21	—	—
209491 2004 JO_{5}	15.5	X	49.51296	59.61628	164.55865	17.07551	0.1599236	0.17884081	3.1200267	21	7 12.7	19.7
209492 2004 JA_{6}	16.9	X	124.63375	189.44297	103.89629	23.18699	0.0368003	0.37463467	1.9057418	21	—	—
209493 2004 JZ_{6}	17.1	X	89.28424	235.69991	75.57378	23.96922	0.0641394	0.37001691	1.9215647	21	—	—
209494 2004 JL_{8}	15.5	X	337.34756	145.52654	142.14168	11.01807	0.2000411	0.17620377	3.1510787	21	5 27.5	19.2
209495 2004 JS_{10}	15.2	X	74.28665	111.18050	82.79559	17.62385	0.1736369	0.17997279	3.1069301	21	7 11.9	19.6
209496 2004 JJ_{11}	14.9	X	325.88837	137.17131	112.25260	18.07778	0.1155724	0.16857770	3.2454080	21	4 5.9	19.5
209497 2004 JJ_{14}	14.9	X	44.38856	144.39607	69.83330	22.54851	0.2521844	0.17711959	3.1402073	21	7 4.9	18.7
209498 2004 JO_{17}	15.7	X	36.92775	152.55512	55.92537	1.86159	0.1183507	0.17525587	3.1624306	21	5 27.8	19.4
209499 2004 JG_{21}	16.0	X	48.22132	90.48053	78.00596	1.81700	0.1602710	0.17324281	3.1868814	21	4 28.8	19.7
209500 2004 JT_{21}	15.9	X	61.09169	352.19682	215.07573	1.70061	0.0605096	0.17964487	3.1107099	21	6 24.1	20.2
209501 2004 JX_{43}	15.2	X	292.60928	261.55952	47.10417	8.15336	0.1642939	0.17234483	3.1979418	21	4 20.7	19.7
209502 2004 KT_{15}	15.8	X	120.85564	131.58341	38.79380	2.58059	0.1191341	0.18581933	3.0414134	21	7 29.9	20.4
209503 2004 KU_{17}	16.9	X	319.49043	252.49800	153.68213	22.72845	0.0800825	0.36422023	1.9418992	21	11 27.3	19.2
209504 2004 LT_{2}	16.8	X	207.76232	267.28946	229.91732	19.53367	0.0889267	0.36199679	1.9498427	21	9 25.9	19.4
209505 2004 LG_{20}	17.0	X	321.87115	15.36052	187.32208	5.10134	0.1507122	0.27596682	2.3364947	21	—	—
209506 2004 NR_{24}	16.3	X	237.38176	238.80141	146.69717	12.00687	0.2044258	0.27747206	2.3280370	21	5 20.2	20.2
209507 2004 PP_{10}	13.4	X	75.81175	68.40938	235.21577	8.37325	0.1338520	0.12541796	3.9527215	21	11 13.3	19.0
209508 2004 PN_{31}	17.3	X	343.54578	226.22021	138.20363	6.23895	0.2001761	0.29343740	2.2428096	21	10 24.8	18.7
209509 2004 PC_{71}	17.1	X	220.58276	43.90443	330.84840	5.70136	0.1223172	0.27700941	2.3306284	21	4 17.8	20.6
209510 2004 PE_{85}	16.8	X	20.12218	241.72958	125.09156	4.63151	0.2061687	0.29643487	2.2276649	21	—	—
209511 2004 PR_{85}	16.8	X	269.26916	242.91102	89.04533	3.33014	0.2110610	0.27450804	2.3447651	21	4 9.2	20.2
209512 2004 RO_{2}	14.2	X	110.17408	81.68156	189.91272	7.94747	0.0641439	0.12428901	3.9766213	21	11 6.5	20.0
209513 2004 RV_{30}	17.3	X	51.17069	329.18192	333.75889	16.77534	0.0940836	0.35588425	1.9721058	21	11 5.0	19.9
209514 2004 RT_{94}	17.3	X	269.64309	80.54018	281.36190	5.88561	0.1423922	0.28046581	2.3114408	21	5 25.8	20.5
209515 2004 RP_{195}	17.1	X	53.79001	21.53492	351.52636	8.22003	0.1761169	0.30220640	2.1992112	21	—	—
209516 2004 RY_{287}	16.3	X	336.15203	200.85148	188.72102	6.83373	0.1139132	0.29106661	2.2549718	21	11 10.0	18.3
209517 2004 RW_{307}	17.3	X	333.14953	219.48344	199.87168	4.76922	0.1387638	0.29573699	2.2311681	21	12 22.2	19.1
209518 2004 RO_{308}	16.9	X	206.52219	77.32060	286.42805	6.45693	0.1454785	0.26818243	2.3814922	21	3 19.9	20.7
209519 2004 RQ_{326}	16.3	X	192.75358	88.91599	23.21037	22.19473	0.2930435	0.27247161	2.3564336	21	8 4.1	21.0
209520 2004 RS_{336}	17.1	X	331.92079	154.44992	353.57027	4.69920	0.0582507	0.30975781	2.1633222	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209521 2004 SL_{33}	17.0	X	342.87809	228.53617	161.62104	7.45625	0.1360777	0.29246929	2.2477562	21	11 26.9	19.0
209522 2004 SF_{34}	16.7	X	351.92558	202.51535	158.88162	6.76963	0.2174042	0.28996837	2.2606620	21	11 10.4	18.3
209523 2004 SP_{53}	17.8	X	346.98260	11.54382	21.53267	2.41745	0.1876598	0.29447018	2.2375625	21	12 15.1	19.4
209524 2004 SX_{60}	17.6	X	123.14702	299.97519	73.22648	2.94264	0.0916541	0.30948831	2.1645779	21	—	—
209525 2004 TA_{8}	17.3	X	195.12878	249.69524	121.96187	3.34125	0.1928271	0.26688279	2.3892174	21	3 25.3	21.2
209526 2004 TJ_{52}	17.4	X	286.90131	283.81586	230.78108	1.99391	0.0210775	0.30180733	2.2011494	21	—	—
209527 2004 TQ_{60}	17.3	X	245.05369	69.58284	12.50586	6.65021	0.1647348	0.28408282	2.2917790	21	8 16.9	20.4
209528 2004 TF_{68}	16.6	X	13.95418	292.63695	63.20519	7.67712	0.1651871	0.29376451	2.2411444	21	12 4.4	18.7
209529 2004 TO_{91}	17.2	X	73.24256	286.12111	321.32594	2.42407	0.1320655	0.28534176	2.2850331	21	9 19.6	20.1
209530 2004 TA_{112}	17.6	X	214.60302	223.57838	188.52234	2.31583	0.2431580	0.27370809	2.3493315	21	5 29.4	21.5
209531 2004 TY_{145}	15.8	X	289.59869	134.17510	222.01126	5.51992	0.0288471	0.21945776	2.7220875	21	7 3.9	19.5
209532 2004 TR_{275}	18.1	X	254.31838	212.41200	225.10133	0.81915	0.1608339	0.28186679	2.3037753	21	8 19.5	21.0
209533 2004 TR_{287}	16.4	X	283.33650	41.56454	43.88073	25.81939	0.1888970	0.28704626	2.2759783	21	10 20.7	18.8
209534 2004 TM_{323}	16.8	X	167.75695	91.65647	51.56573	5.79915	0.1714176	0.27544406	2.3394500	21	8 18.3	20.5
209535 2004 TM_{331}	17.0	X	231.46589	70.24079	24.27301	3.26535	0.2381056	0.28008740	2.3135222	21	8 8.9	20.5
209536 2004 TJ_{351}	17.9	X	310.02619	14.00874	99.61996	2.63049	0.1090560	0.29677546	2.2259602	21	—	—
209537 2004 TV_{367}	17.7	X	6.01382	35.00910	20.94176	3.72270	0.0751284	0.29863878	2.2166915	21	—	—
209538 2004 TE_{368}	17.6	X	149.58635	312.96579	355.70973	3.23780	0.0788426	0.30567358	2.1825495	21	—	—
209539 2004 TW_{368}	17.0	X	172.39578	338.31423	235.25745	5.25284	0.1164696	0.29089357	2.2558660	21	11 22.9	19.9
209540 Siurana	17.3	X	46.99142	48.33128	356.93056	5.01831	0.1516326	0.30416274	2.1897711	21	—	—
209541 2004 UD_{3}	16.7	X	330.02814	263.33504	149.13403	8.46288	0.1319413	0.29307776	2.2446440	21	12 5.6	18.7
209542 2004 UJ_{3}	15.7	X	244.84222	308.56555	60.70580	23.89311	0.2505105	0.27167049	2.3610639	21	5 4.8	19.7
209543 2004 US_{5}	17.2	X	295.36972	274.69891	212.81643	3.91786	0.1064480	0.29871044	2.2163369	21	—	—
209544 2004 VN_{5}	17.5	X	275.50717	84.32184	330.49481	3.54957	0.2452480	0.28263968	2.2995735	21	8 3.1	20.3
209545 2004 VL_{11}	17.8	X	138.55101	197.86964	145.86017	1.61440	0.2161844	0.31192436	2.1532933	21	—	—
209546 2004 VJ_{22}	17.3	X	219.13625	89.55573	359.57722	2.14363	0.1636736	0.27584414	2.3371874	21	7 26.1	20.6
209547 2004 VT_{38}	17.5	X	182.27990	145.57096	52.98765	4.63257	0.0914347	0.28979830	2.2615464	21	11 15.7	20.4
209548 2004 VU_{48}	16.2	X	37.68384	120.31011	73.71614	14.77708	0.0687515	0.26481676	2.4016280	21	5 1.9	19.0
209549 2004 VR_{53}	16.8	X	195.57518	47.59189	54.92638	5.11442	0.1884428	0.27441041	2.3453212	21	7 19.8	20.5
209550 2004 VH_{56}	17.3	X	350.01540	103.83715	252.13848	4.59788	0.2024203	0.28732329	2.2745151	21	10 19.5	18.8
209551 2004 VZ_{57}	16.7	X	235.00082	310.94500	81.32642	4.21680	0.2396657	0.27247439	2.3564176	21	5 21.5	20.5
209552 Isaacroberts	17.9	X	338.37542	204.06936	138.39919	6.81810	0.1378978	0.28437932	2.2901858	21	8 28.2	19.6
209553 2004 VQ_{69}	17.1	X	65.51397	174.73823	189.84655	3.44878	0.1612217	0.30046028	2.2077235	21	—	—
209554 2004 VE_{74}	17.0	X	300.04460	291.18216	100.14889	4.48250	0.1626655	0.28364642	2.2941290	21	8 25.1	19.0
209555 2004 VM_{112}	17.2	X	348.97945	3.69270	354.05854	3.36492	0.1921018	0.28697155	2.2763733	21	10 19.4	18.7
209556 2004 WG_{4}	17.3	X	60.44047	238.62372	118.02335	1.78997	0.1042497	0.29802099	2.2197538	21	—	—
209557 2004 WJ_{12}	16.9	X	171.60675	173.50706	316.00212	4.30066	0.1720456	0.27278809	2.3546107	21	8 1.3	20.6
209558 2004 XO_{2}	16.1	X	259.71393	229.71370	19.56921	7.47425	0.1072723	0.31045002	2.1601053	21	—	—
209559 2004 XC_{3}	17.0	X	339.89275	238.35312	141.37946	8.07286	0.1856118	0.28868619	2.2673508	21	11 8.8	18.7
209560 2004 XC_{7}	16.9	X	214.14041	50.59146	21.08790	2.69277	0.1672203	0.27268841	2.3551845	21	6 26.8	20.4
209561 2004 XF_{12}	16.9	X	171.29802	69.60530	45.12521	3.09327	0.1635104	0.27039840	2.3684632	21	7 12.7	20.6
209562 2004 XM_{12}	17.4	X	233.58203	279.57334	175.92693	1.38735	0.1735323	0.27806129	2.3247470	21	8 17.5	20.6
209563 2004 XC_{13}	16.6	X	201.76061	6.98631	82.42920	5.89636	0.1045211	0.27232461	2.3572815	21	7 11.2	20.0
209564 2004 XO_{13}	16.7	X	250.39985	317.16885	90.33709	8.88745	0.2318300	0.27481227	2.3430342	21	6 25.2	19.9
209565 2004 XD_{15}	15.9	X	337.49347	73.66889	73.37454	5.71694	0.1782943	0.24253574	2.5465501	21	—	—
209566 2004 XC_{19}	16.8	X	268.60648	152.01427	247.07035	4.47338	0.1506612	0.27771305	2.3266900	21	7 15.4	19.6
209567 2004 XJ_{20}	17.2	X	220.90196	152.98739	272.34369	1.98279	0.1955244	0.27288890	2.3540308	21	6 23.1	21.0
209568 2004 XV_{27}	17.0	X	256.85723	22.12122	28.40444	2.59223	0.2175675	0.27640586	2.3340199	21	7 8.4	20.2
209569 2004 XN_{32}	17.2	X	253.56862	170.05146	268.30132	1.76906	0.1439570	0.27973529	2.3154632	21	8 21.7	20.2
209570 2004 XL_{40}	17.0	X	294.72464	4.70607	69.96981	5.97955	0.1112736	0.28602698	2.2813822	21	10 30.2	19.2
209571 2004 XM_{50}	17.0	X	245.69485	148.11486	282.24370	3.10729	0.1535812	0.27864266	2.3215122	21	7 30.2	20.1
209572 2004 XL_{57}	17.2	X	183.86706	273.46432	171.37313	1.14336	0.1627024	0.26746814	2.3857303	21	6 14.9	21.0
209573 2004 XW_{58}	16.8	X	202.74420	341.88412	60.59962	5.97176	0.1099013	0.26376511	2.4080074	21	5 10.1	20.3
209574 2004 XM_{63}	15.8	X	290.44322	325.45404	48.68097	24.54112	0.2402179	0.27889548	2.3201091	21	6 22.1	19.0
209575 2004 XV_{63}	16.7	X	72.84960	269.37804	42.00846	6.81976	0.1262475	0.29037498	2.2585511	21	12 14.6	19.7
209576 2004 XN_{82}	16.7	X	334.42303	194.61212	301.61871	1.96869	0.1341078	0.24114417	2.5563376	21	—	—
209577 2004 XY_{83}	17.0	X	156.05215	53.54066	70.52448	3.29739	0.1932960	0.26645697	2.3917622	21	7 11.2	20.8
209578 2004 XE_{84}	16.7	X	209.87322	46.26299	57.70566	6.64638	0.0687973	0.27715134	2.3298326	21	8 15.6	19.9
209579 2004 XL_{89}	16.7	X	228.48009	302.83845	335.65125	2.93493	0.1535022	0.30998093	2.1622840	21	—	—
209580 2004 XN_{98}	17.5	X	215.88379	89.49732	37.14255	1.54432	0.1000562	0.27727013	2.3291671	21	9 17.8	20.6
209581 2004 XU_{102}	16.9	X	272.93791	71.32407	344.59199	6.33212	0.1638594	0.28108432	2.3080487	21	8 15.6	19.4
209582 2004 XT_{104}	16.4	X	182.25249	76.25486	59.06207	5.59266	0.0616159	0.27493359	2.3423449	21	8 25.2	19.6
209583 2004 XE_{106}	17.3	X	317.06881	103.58049	302.87582	4.43178	0.1709487	0.28674783	2.2775572	21	10 21.3	19.1
209584 2004 XT_{106}	16.8	X	184.05449	130.58879	326.41498	4.07025	0.1476330	0.27039273	2.3684963	21	7 1.6	20.5
209585 2004 XY_{107}	16.4	X	188.60966	24.12882	41.86834	7.56977	0.0987793	0.26605329	2.3941809	21	5 24.5	20.0
209586 2004 XN_{108}	16.8	X	162.88276	138.19809	319.39107	2.30054	0.1590133	0.26663279	2.3907106	21	6 11.1	20.5
209587 2004 XB_{110}	16.7	X	95.24264	71.23558	288.91797	3.24232	0.0813909	0.30362489	2.1923563	21	—	—
209588 2004 XL_{120}	17.5	X	98.16135	274.21245	267.23045	1.82954	0.1414079	0.26472561	2.4021792	21	7 21.7	20.7
209589 2004 XV_{120}	17.0	X	342.82967	176.41385	207.62407	2.36079	0.1671378	0.28691662	2.2766638	21	11 16.9	18.6
209590 2004 XD_{122}	16.8	X	121.63165	132.36914	358.44996	2.55731	0.1326576	0.26418752	2.4054399	21	6 9.1	20.1
209591 2004 XB_{128}	17.4	X	237.08698	299.32873	124.42775	2.98000	0.2283613	0.27499422	2.3420006	21	7 3.9	21.1
209592 2004 XM_{133}	16.9	X	253.85303	63.55602	327.09442	4.74915	0.2465802	0.27639267	2.3340941	21	6 3.9	20.6
209593 2004 XE_{142}	17.2	X	226.14648	85.68823	11.30777	3.41824	0.1908347	0.27563237	2.3383844	21	8 11.2	20.7
209594 2004 XZ_{148}	16.6	X	16.99744	162.02029	307.51974	5.36760	0.2466208	0.24038581	2.5617112	21	—	—
209595 2004 XU_{154}	17.0	X	291.78550	337.98951	52.53235	7.20587	0.1158858	0.27937988	2.3174265	21	8 18.5	19.6
209596 2004 XY_{159}	16.3	X	130.20457	71.20172	45.55939	5.59273	0.0356760	0.26238504	2.4164436	21	5 18.8	19.3
209597 2004 XC_{166}	17.0	X	245.36932	7.53283	73.35449	3.63016	0.1148487	0.27989067	2.3146061	21	8 21.5	20.0
209598 2004 XC_{177}	16.9	X	277.22397	307.85380	61.28725	4.86757	0.0845427	0.27074261	2.3664553	21	6 25.8	19.7
209599 2004 YK	15.6	X	156.94709	306.80508	255.50530	22.25133	0.2732295	0.27899488	2.3195580	21	10 13.9	20.1
209600 2004 YN_{3}	17.1	X	290.04857	249.26923	139.60445	6.26045	0.2210491	0.28135975	2.3065422	21	7 20.6	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209601 2004 YP_4	16.9	X	97.22458	50.77341	302.77845	4.04704	0.1798443	0.30256733	2.1974619	21	—	—
209602 2004 YM_{12}	16.8	X	159.09886	338.49411	91.75880	3.54908	0.1779905	0.26079476	2.4262571	21	5 5.2	20.6
209603 2004 YZ_{14}	17.1	X	145.82858	180.21656	329.36218	1.57094	0.1413903	0.26742699	2.3859750	21	8 1.6	20.7
209604 2004 YP_{15}	16.9	X	63.05967	219.50385	340.03817	2.09878	0.1536638	0.26063224	2.4272656	21	6 30.1	19.5
209605 2004 YE_{19}	16.4	X	53.88822	63.22977	110.98792	5.76816	0.0577095	0.25698427	2.4501820	21	4 26.8	19.3
209606 2004 YA_{27}	15.9	X	233.91237	186.91130	46.96133	13.54338	0.1296118	0.22758839	2.6568640	21	—	—
209607 2004 YV_{33}	16.6	X	100.40121	179.93420	340.63862	5.13100	0.1532204	0.26497991	2.4006421	21	6 27.7	19.8
209608 2005 AB_1	16.8	X	161.74357	33.34398	124.17835	3.10159	0.1093097	0.27148011	2.3621676	21	8 28.8	20.2
209609 2005 AJ_2	16.2	X	202.43240	331.41941	110.75551	5.89061	0.0948055	0.26736758	2.3863284	21	7 2.2	19.6
209610 2005 AL_2	15.6	X	250.34949	40.66016	95.13568	15.49560	0.0940992	0.22306698	2.6926456	21	11 11.2	19.5
209611 2005 AX_4	16.9	X	130.63071	140.46343	354.73255	2.48966	0.1472870	0.26394204	2.4069311	21	6 27.4	20.3
209612 2005 AC_6	16.6	X	148.15515	152.67311	330.18340	5.97641	0.1429688	0.26471267	2.4022575	21	6 29.6	20.2
209613 2005 AT_7	17.0	X	169.36117	90.42996	36.55760	2.66982	0.1335075	0.26765781	2.3846031	21	7 27.1	20.5
209614 2005 AP_{10}	16.3	X	158.92451	54.81755	62.38933	6.70120	0.0624242	0.26621185	2.3932301	21	6 28.9	19.5
209615 2005 AY_{13}	16.9	X	111.72404	236.74294	289.82550	1.99554	0.1198640	0.26528428	2.3988055	21	7 15.2	19.9
209616 2005 AK_{14}	16.7	X	102.55778	28.88952	108.26518	3.50107	0.1361942	0.25961079	2.4336282	21	5 26.6	19.7
209617 2005 AD_{15}	16.9	X	185.56489	126.96923	306.06770	3.48313	0.1426012	0.26367949	2.4085286	21	5 31.5	20.6
209618 2005 AH_{16}	16.1	X	103.51004	254.92532	282.34636	4.66692	0.1162145	0.26371531	2.4083105	21	7 19.1	19.2
209619 2005 AT_{19}	17.0	X	209.87646	100.70667	358.59616	2.98184	0.1680074	0.27216312	2.3582139	21	7 30.1	20.6
209620 2005 AA_{21}	16.7	X	109.43801	154.36057	284.37478	6.53936	0.1217693	0.25150427	2.4856452	21	3 10.9	20.0
209621 2005 AU_{22}	17.0	X	195.05706	111.32922	356.46590	2.82701	0.1897152	0.27082363	2.3659833	21	7 25.8	20.7
209622 2005 AW_{31}	17.0	X	143.96179	347.03977	165.61628	1.57388	0.1116923	0.26811589	2.3818862	21	8 1.6	20.5
209623 2005 AF_{43}	16.6	X	129.28310	354.64661	144.33868	3.54604	0.1238040	0.26261237	2.4150489	21	6 28.5	20.0
209624 2005 AU_{43}	16.9	X	125.72290	141.97262	321.89600	6.59444	0.1075861	0.25779923	2.4450156	21	5 2.7	20.4
209625 2005 AJ_{44}	17.0	X	163.11122	337.76375	85.80425	2.93643	0.2305520	0.26006263	2.4308085	21	5 3.1	21.0
209626 2005 AL_{45}	16.4	X	93.73551	270.34393	129.94155	12.23151	0.2259458	0.24523158	2.5278528	21	1 16.3	19.0
209627 2005 AD_{46}	16.3	X	350.82568	313.44025	268.61018	5.44644	0.0861070	0.25252965	2.4789121	21	3 16.9	19.4
209628 2005 AL_{46}	17.1	X	212.47097	316.73859	124.25674	2.29647	0.1587511	0.26999173	2.3708409	21	7 7.9	20.6
209629 2005 AL_{53}	16.6	X	101.52320	355.67675	165.98436	3.33276	0.1312743	0.26051320	2.4280049	21	6 27.0	19.8
209630 2005 AB_{54}	16.5	X	153.72459	287.78204	144.54844	9.06557	0.1810837	0.25949539	2.4343496	21	5 5.3	20.4
209631 2005 AL_{56}	16.4	X	299.90701	49.72484	299.09582	6.18321	0.1470175	0.27129190	2.3632600	21	6 19.8	19.0
209632 2005 AM_{61}	16.8	X	183.53099	141.68968	337.16045	6.83910	0.0668141	0.26831548	2.3807049	21	8 1.9	20.1
209633 2005 AP_{79}	15.5	X	198.51968	247.54946	115.85536	9.99534	0.1066492	0.19300568	2.9654412	21	3 27.2	20.3
209634 2005 BK	17.1	X	223.69373	341.69184	80.83645	2.34214	0.1711500	0.26965169	2.3728336	21	6 23.8	20.8
209635 2005 BR_1	17.0	X	75.56246	304.53377	192.36139	4.54064	0.1202865	0.25358272	2.4720444	21	4 14.3	19.8
209636 2005 BV_1	14.9	X	290.62064	42.25111	170.48627	33.06022	0.2313090	0.23054922	2.6340678	21	—	—
209637 2005 BU_4	16.9	X	151.12672	153.28220	0.43560	2.20621	0.1384151	0.26903321	2.3764688	21	8 12.9	20.5
209638 2005 BT_{10}	17.0	X	95.93267	322.81487	148.85099	3.14548	0.1444663	0.25408727	2.4687708	21	4 14.4	20.0
209639 2005 BU_{11}	17.2	X	191.01769	37.77555	134.66048	0.64665	0.1297063	0.27727676	2.3291300	21	10 17.7	20.5
209640 2005 BK_{15}	16.6	X	38.77037	358.52568	271.86439	4.79862	0.1675519	0.26896281	2.3768835	21	9 3.8	19.1
209641 2005 BK_{24}	16.9	X	96.21114	163.18821	312.62202	4.02580	0.0738937	0.25230044	2.4804132	21	4 5.9	20.1
209642 2005 BP_{24}	16.4	X	13.93703	115.20967	324.76502	5.79934	0.1739753	0.23514154	2.5996595	21	—	—
209643 2005 BZ_{26}	17.2	X	202.55070	154.69862	262.75509	0.97657	0.1340901	0.26590228	2.3950872	21	5 28.5	20.7
209644 2005 CR	16.5	X	104.37806	306.38798	216.89230	3.53560	0.1874092	0.26203810	2.4185761	21	7 9.9	19.9
209645 2005 CC_2	15.6	X	38.03258	67.33159	327.04046	29.50718	0.2716869	0.23367060	2.6105579	21	—	—
209646 2005 CE_2	17.1	X	152.31096	130.04198	338.55701	6.85426	0.1690444	0.26161621	2.4211756	21	6 15.8	20.9
209647 2005 CS_2	17.3	X	136.48658	159.38296	328.86252	4.93793	0.1240010	0.26198176	2.4189228	21	6 22.4	20.8
209648 2005 CV_4	16.4	X	78.16555	81.28495	351.08531	5.89267	0.1772961	0.24483699	2.5305681	21	1 28.7	18.9
209649 2005 CC_5	16.1	X	36.93634	299.36484	125.19027	15.54536	0.0826293	0.23540394	2.5977274	21	—	—
209650 2005 CV_5	16.3	X	6.42525	258.94749	338.05221	5.72664	0.0941226	0.25374371	2.4709987	21	5 4.8	19.1
209651 2005 CS_8	16.3	X	9.78101	161.03997	334.43121	11.70887	0.0995226	0.24084698	2.5584400	21	—	—
209652 2005 CU_8	17.1	X	84.76959	172.10056	21.43908	2.51163	0.1533393	0.26070914	2.4267882	21	7 24.2	20.3
209653 2005 CT_{10}	16.6	X	135.49535	107.78636	11.92429	4.12079	0.1524513	0.25964033	2.4334436	21	6 11.8	20.2
209654 2005 CX_{15}	17.2	X	184.13483	251.74634	211.76800	1.23841	0.1421212	0.26698568	2.3886035	21	7 9.8	20.8
209655 2005 CJ_{20}	16.8	X	157.66745	19.74404	113.17581	3.19323	0.1608119	0.26549017	2.3975652	21	7 23.0	20.6
209656 2005 CK_{20}	17.1	X	192.44666	40.73534	35.26550	1.90372	0.1535055	0.26405806	2.4062261	21	6 11.5	20.9
209657 2005 CS_{23}	16.5	X	100.76233	258.07053	237.32454	5.22548	0.0942563	0.25713204	2.4492433	21	5 14.5	19.6
209658 2005 CF_{27}	16.4	X	20.76640	296.00509	126.19319	13.79474	0.1636238	0.23374068	2.6100361	21	—	—
209659 2005 CP_{31}	16.6	X	287.53913	263.76809	32.59675	2.12343	0.1417530	0.25204850	2.4820659	21	3 23.6	20.0
209660 2005 CZ_{31}	17.4	X	170.04922	13.58582	41.74665	1.91261	0.1779863	0.25726352	2.4484087	21	4 25.6	21.4
209661 2005 CR_{35}	17.0	X	70.97572	120.88270	75.37945	7.50099	0.1076728	0.26306579	2.4122731	21	6 29.7	19.8
209662 2005 CC_{40}	16.9	X	255.39334	270.42231	5.42513	3.30286	0.1007417	0.24186403	2.5512628	21	1 27.4	20.6
209663 2005 CO_{41}	16.3	X	294.32379	123.77192	117.45744	9.92639	0.1603125	0.24307729	2.5427664	21	1 18.6	19.8
209664 2005 CB_{45}	16.6	X	328.18087	243.95254	52.14651	1.86670	0.1932976	0.25748131	2.4470279	21	5 12.7	19.0
209665 2005 CZ_{45}	16.5	X	176.31562	82.89489	332.79967	10.14103	0.2392480	0.25899895	2.4374593	21	4 29.2	20.8
209666 2005 CV_{48}	16.0	X	278.51171	217.00747	136.73641	8.79249	0.0477547	0.26233814	2.4167316	21	6 12.8	19.2
209667 2005 CZ_{48}	17.0	X	178.40580	283.07385	178.56849	2.45993	0.1516767	0.26505983	2.4001595	21	7 1.5	20.8
209668 2005 CZ_{49}	17.0	X	178.50978	288.50731	166.72815	1.79266	0.1497139	0.26417664	2.4055060	21	6 23.3	20.8
209669 2005 CU_{56}	16.1	X	199.68305	316.27203	324.39777	14.04330	0.1037457	0.23587376	2.5942767	21	—	—
209670 2005 CN_{58}	16.6	X	142.88153	295.89059	189.79575	5.92048	0.0738919	0.26233340	2.4167607	21	6 21.6	20.0
209671 2005 CE_{59}	16.3	X	46.86309	235.77435	212.29079	4.08279	0.2265227	0.24230452	2.5481699	21	—	—
209672 2005 CD_{64}	15.9	X	18.67607	94.13844	333.73652	26.24811	0.2522593	0.23506567	2.6002189	21	—	—
209673 2005 CX_{64}	16.5	X	231.95122	194.72371	60.43086	3.09911	0.1016253	0.23584087	2.5945179	21	—	—
209674 2005 CF_{67}	16.2	X	324.30091	148.13397	352.62408	11.35525	0.1283998	0.23255657	2.6188883	21	—	—
209675 2005 DF_1	16.3	X	5.91167	66.03904	162.12140	6.57036	0.0921449	0.25405565	2.4689757	21	4 25.7	19.0
209676 2005 EC	15.8	X	47.65292	352.27758	9.66438	5.12673	0.0618163	0.22132545	2.7067521	21	12 27.6	19.5
209677 2005 EM	16.5	X	143.36737	303.51326	154.71482	6.44697	0.0901058	0.25770566	2.4456074	21	5 19.2	20.0
209678 2005 ER_6	15.9	X	344.06755	89.32733	355.20546	11.39599	0.0420116	0.22524604	2.6752514	21	—	—
209679 2005 EV_8	17.1	X	234.30222	50.44154	346.11579	1.87422	0.1558984	0.26601783	2.3943936	21	6 1.0	20.7
209680 2005 EC_9	17.4	X	33.21378	48.30836	138.98053	2.40179	0.1218659	0.25278376	2.4772506	21	4 14.3	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209681 2005 EX_{11}	16.4	X	53.09731	13.80049	121.68183	4.53310	0.0417956	0.24690358	2.5164277	21	3 1.1	19.4
209682 2005 ER_{12}	16.1	X	78.58331	312.18532	148.02625	12.71079	0.0814000	0.24514499	2.5284480	21	2 22.6	19.1
209683 2005 ED_{13}	16.5	X	322.03629	346.08371	135.04940	5.03847	0.1449806	0.23032515	2.6357758	21	—	—
209684 2005 ET_{14}	17.1	X	169.24846	3.84833	135.32700	3.07070	0.1207893	0.26589196	2.3951493	21	8 11.3	20.7
209685 2005 EX_{18}	15.9	X	334.56166	47.77868	358.84484	13.90160	0.1849955	0.21821725	2.7323940	21	11 8.0	18.8
209686 2005 ET_{19}	15.3	X	190.19045	338.20127	161.48265	18.42275	0.1145891	0.20968927	2.8059844	21	8 30.5	19.7
209687 2005 EB_{22}	15.9	X	304.70185	166.45994	343.45110	12.91403	0.0451268	0.23017904	2.6368912	21	—	—
209688 2005 EE_{22}	16.8	X	66.41995	100.26260	344.63549	13.20865	0.1768875	0.24268813	2.5454840	21	1 27.6	19.4
209689 2005 EH_{22}	16.8	X	221.94140	269.05473	161.23675	8.47787	0.1737668	0.26632468	2.3925542	21	7 1.9	20.6
209690 2005 EN_{22}	15.8	X	22.99145	330.98687	313.06182	1.06906	0.0277869	0.20495185	2.8490593	21	8 8.3	19.5
209691 2005 EB_{23}	16.6	X	326.90253	149.83272	343.31580	7.44264	0.1422213	0.23183244	2.6243389	21	—	—
209692 2005 EU_{28}	16.1	X	348.15059	130.89352	14.29096	12.68889	0.1171033	0.23503555	2.6004411	21	—	—
209693 2005 EF_{29}	16.4	X	347.38338	71.76930	132.24134	3.95724	0.0791036	0.24342250	2.5403618	21	2 21.1	19.4
209694 2005 EF_{30}	17.0	X	312.22817	94.46822	157.42226	7.56806	0.1966191	0.24552291	2.5258528	21	2 15.8	20.2
209695 2005 EK_{31}	16.7	X	306.22068	349.71427	185.32950	5.30210	0.1796042	0.23286318	2.6165889	21	—	—
209696 2005 EP_{31}	16.9	X	325.11877	82.96138	84.35545	3.20260	0.0754601	0.23604934	2.5929901	21	—	—
209697 2005 EV_{33}	16.4	X	11.93183	153.55901	325.40880	9.46970	0.0927975	0.23619893	2.5918952	21	—	—
209698 2005 EW_{44}	16.1	X	14.43897	54.51823	353.10778	7.73898	0.0786551	0.22424852	2.6831791	21	—	—
209699 2005 ED_{45}	16.5	X	147.72411	355.63803	160.23687	3.24884	0.0573927	0.26598363	2.3945989	21	8 7.0	19.6
209700 2005 ED_{48}	16.3	X	185.70462	349.70918	332.38687	1.55832	0.0943766	0.23835639	2.5762313	21	1 12.7	20.1
209701 2005 EE_{49}	16.3	X	43.76911	140.76678	336.17830	5.95722	0.0815479	0.24194103	2.5507214	21	1 23.1	19.2
209702 2005 ER_{53}	16.6	X	255.59568	255.61200	359.48024	4.84064	0.0613638	0.23745158	2.5827716	21	1 5.2	20.4
209703 2005 EQ_{54}	16.2	X	169.05086	336.55975	346.88464	12.16239	0.1226928	0.23413305	2.6071193	21	1 1.6	20.3
209704 2005 EJ_{57}	16.8	X	54.84974	255.05854	325.87293	6.44060	0.0813936	0.26161321	2.4211941	21	7 7.4	19.5
209705 2005 EU_{58}	16.8	X	75.97634	50.00841	174.52006	4.53649	0.2261596	0.25965557	2.4333483	21	9 3.2	19.9
209706 2005 EK_{63}	17.0	X	169.89141	58.50435	40.93982	3.14514	0.1559371	0.26233697	2.4167388	21	6 20.5	20.8
209707 2005 EU_{73}	16.1	X	90.20238	62.42387	353.09400	21.83154	0.0989870	0.23936420	2.5689950	21	1 22.6	19.6
209708 2005 ES_{74}	16.6	X	23.11379	41.17231	147.61188	3.70137	0.0838193	0.24749223	2.5124360	21	3 29.2	19.2
209709 2005 ET_{75}	16.4	X	181.78377	312.09204	352.39655	2.28335	0.0270210	0.23313340	2.6145667	21	—	—
209710 2005 ED_{77}	17.1	X	269.41048	275.38140	342.54246	4.91995	0.1570080	0.23781661	2.5801280	21	1 15.9	21.2
209711 2005 EW_{84}	15.7	X	252.85584	91.32584	130.17798	13.66460	0.2240472	0.22796280	2.6539540	21	—	—
209712 2005 EU_{92}	16.3	X	323.39362	196.33760	356.53128	8.09778	0.0983775	0.23748502	2.5825292	21	1 2.8	19.8
209713 2005 EP_{95}	16.9	X	4.51666	112.44593	33.76923	6.49229	0.1275803	0.23950711	2.5679729	21	—	—
209714 2005 EA_{100}	16.7	X	29.79648	94.86658	37.87695	5.97149	0.1134547	0.24149944	2.5538299	21	1 21.7	19.5
209715 2005 EX_{100}	16.6	X	58.02161	82.09409	29.93631	9.41688	0.1564757	0.24302804	2.5431099	21	2 18.1	19.3
209716 2005 EG_{103}	17.0	X	44.65272	65.51998	4.02772	3.85008	0.1609603	0.23546084	2.5973088	21	—	—
209717 2005 ED_{124}	16.1	X	271.08543	244.31581	35.80472	5.21197	0.1546063	0.24071153	2.5593997	21	2 14.7	20.1
209718 2005 EQ_{124}	16.4	X	349.61217	307.44055	182.86776	8.33836	0.1399094	0.23394604	2.6085085	21	—	—
209719 2005 EX_{129}	17.3	X	249.83135	221.13796	151.25288	6.90147	0.1216377	0.26360709	2.4089696	21	5 22.4	20.8
209720 2005 ER_{132}	16.3	X	250.07658	316.21585	317.56751	6.98216	0.1784023	0.23617386	2.5920785	21	1 16.1	20.4
209721 2005 EP_{133}	16.4	X	35.76958	74.28446	11.83547	13.05693	0.1578221	0.23791759	2.5793979	21	—	—
209722 2005 EB_{136}	15.6	X	277.51663	94.94678	9.92536	13.65903	0.0679506	0.21616554	2.7496562	21	10 31.6	19.4
209723 2005 EK_{141}	17.1	X	47.21083	121.94648	141.00924	3.16297	0.1662077	0.26595322	2.3947815	21	9 9.8	19.7
209724 2005 EV_{146}	16.0	X	199.52995	341.01051	16.58210	7.58436	0.1098184	0.24320639	2.5418665	21	3 13.3	19.9
209725 2005 EZ_{150}	16.2	X	143.00757	194.57171	55.71908	5.12341	0.0241463	0.21513052	2.7584685	21	11 26.9	20.0
209726 2005 EB_{156}	16.6	X	306.35123	81.23128	181.51495	5.91363	0.2034935	0.24144979	2.5541800	21	2 21.6	20.2
209727 2005 EW_{160}	15.4	X	279.22800	203.00917	63.07664	2.44470	0.0560469	0.17893871	3.1188885	21	2 25.7	19.8
209728 2005 EA_{161}	16.4	X	6.10187	254.66161	124.24492	1.39951	0.0836210	0.21403975	2.7678322	21	11 24.3	19.7
209729 2005 EF_{162}	15.5	X	255.49911	265.23555	337.27273	10.79379	0.2397663	0.22938379	2.6429822	21	—	—
209730 2005 EA_{166}	16.6	X	104.52268	312.77189	29.68988	2.25119	0.0997372	0.22538824	2.6741261	21	—	—
209731 2005 EX_{167}	16.6	X	162.16884	108.26568	219.75316	0.88534	0.0652029	0.23300612	2.6155187	21	—	—
209732 2005 EX_{168}	16.4	X	310.12383	269.74790	347.17323	3.43641	0.1267087	0.24281666	2.5445856	21	3 3.2	19.7
209733 2005 EE_{173}	17.2	X	58.58716	23.98068	212.49609	0.70879	0.1430653	0.26389143	2.4072389	21	8 14.6	19.8
209734 2005 ED_{175}	16.4	X	149.42897	47.64504	326.40368	3.96230	0.0796967	0.23941228	2.5686510	21	2 4.7	20.0
209735 2005 EG_{175}	16.5	X	140.96812	312.65516	287.72632	2.24250	0.0356229	0.21478552	2.7614216	21	11 11.9	20.6
209736 2005 EV_{180}	16.7	X	31.48240	89.44767	156.17559	6.77029	0.0982044	0.26203057	2.4186224	21	7 5.6	19.3
209737 2005 EW_{182}	16.7	X	239.97158	84.52304	190.17506	3.22052	0.2166282	0.23334867	2.6129584	21	1 6.7	21.1
209738 2005 ER_{183}	16.8	X	70.76590	120.80676	201.94761	1.03854	0.0396097	0.21651225	2.7467201	21	12 2.9	20.4
209739 2005 EY_{184}	15.8	X	224.56520	233.04954	359.70488	12.10334	0.1471634	0.22440284	2.6819488	21	—	—
209740 2005 ET_{185}	16.1	X	133.21907	11.19051	253.83797	6.40418	0.2595936	0.21504045	2.7592387	21	12 9.3	21.0
209741 2005 EE_{186}	16.3	X	357.18267	149.23179	294.23431	2.64353	0.0706159	0.22783598	2.6549388	21	—	—
209742 2005 EW_{195}	16.6	X	187.75242	26.85040	249.64352	1.04011	0.0633688	0.22749973	2.6575542	21	—	—
209743 2005 EH_{197}	16.3	X	39.35846	8.80485	188.80322	6.85654	0.0707096	0.25193096	2.4828378	21	5 7.6	19.0
209744 2005 EX_{197}	15.9	X	294.47980	311.36304	202.81054	6.19720	0.0255496	0.22502737	2.6769843	21	—	—
209745 2005 EA_{198}	16.5	X	265.59383	294.43299	226.44303	2.26753	0.0197463	0.22122436	2.7075766	21	—	—
209746 2005 ES_{198}	17.0	X	104.23972	210.75026	207.62765	3.14409	0.0146678	0.23706660	2.5855670	21	1 25.4	20.5
209747 2005 EU_{203}	17.0	X	40.49572	340.45627	340.49014	5.30628	0.0889411	0.27845061	2.3225796	21	11 7.4	19.8
209748 2005 EG_{205}	17.1	X	102.01325	167.72507	10.17898	2.87566	0.0931142	0.26166972	2.4208455	21	7 15.8	20.2
209749 2005 ES_{206}	16.6	X	332.83212	322.70976	246.95272	3.03726	0.1760947	0.24010837	2.5636842	21	1 22.9	19.8
209750 2005 EZ_{206}	16.5	X	287.79397	226.90412	349.34761	3.98183	0.2115069	0.23243236	2.6198212	21	—	—
209751 2005 EC_{208}	16.0	X	254.75511	193.74595	161.61105	14.35572	0.1383023	0.25549264	2.4597093	21	5 6.0	19.8
209752 2005 EU_{210}	16.2	X	145.55961	302.12245	325.44596	4.03120	0.0794545	0.21942782	2.7223352	21	12 22.1	20.2
209753 2005 EQ_{211}	16.8	X	129.56399	1.99279	100.18217	2.41820	0.1454640	0.25557660	2.4591706	21	5 13.3	20.3
209754 2005 EZ_{216}	16.9	X	359.61557	155.73997	30.45475	5.42609	0.0615729	0.24362966	2.5389215	21	2 19.2	19.9
209755 2005 ES_{218}	16.9	X	352.05830	179.66191	122.90310	3.30669	0.2069399	0.26262096	2.4149962	21	7 18.3	18.3
209756 2005 EN_{220}	15.9	X	228.38621	268.32752	14.99703	14.24588	0.0427255	0.23549330	2.5970702	21	1 13.3	19.9
209757 2005 EP_{224}	15.9	X	353.33570	26.55332	71.31362	22.74417	0.0372077	0.22776581	2.6554840	21	—	—
209758 2005 EV_{233}	15.7	X	6.58858	89.45450	21.03637	22.38556	0.0558864	0.23285212	2.6166718	21	—	—
209759 2005 EO_{235}	16.8	X	343.36459	328.54683	150.22824	3.04943	0.0195880	0.22969337	2.6406068	21	—	—
209760 2005 EM_{240}	16.8	X	87.15102	305.10280	145.88997	2.77153	0.0993067	0.24399363	2.5363960	21	2 25.4	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209761 2005 EK_{245}	16.8	X	222.29275	350.59936	186.06989	1.42607	0.0309525	0.21886237	2.7270221	21	11 30.6	20.6
209762 2005 EN_{245}	16.5	X	248.64240	256.00179	348.02529	2.71744	0.0382663	0.23370011	2.6103382	21	—	—
209763 2005 EM_{253}	16.5	X	337.71935	330.20826	189.25453	9.51835	0.1396626	0.23786930	2.5797471	21	—	—
209764 2005 EA_{254}	16.4	X	101.89718	55.40606	327.42454	6.82255	0.1542384	0.23761955	2.5815543	21	—	—
209765 2005 EN_{258}	16.6	X	199.24548	351.42623	224.78160	1.90967	0.1189266	0.21899321	2.7259357	21	12 12.7	20.5
209766 2005 EN_{280}	15.9	X	15.86174	338.81429	163.06698	12.97149	0.1272285	0.23829144	2.5766994	21	1 7.3	18.9
209767 2005 EV_{282}	15.8	X	331.09974	75.20075	59.58182	16.53135	0.0569387	0.22818569	2.6522255	21	—	—
209768 2005 EG_{285}	17.2	X	357.38419	116.26549	338.74415	2.36653	0.1214923	0.22961108	2.6412377	21	—	—
209769 2005 EH_{285}	16.8	X	17.99390	190.15858	30.23679	3.78349	0.0635145	0.25182857	2.4835108	21	5 3.0	19.6
209770 2005 EM_{287}	16.4	X	292.86971	275.52525	315.71731	10.07431	0.1485504	0.23801424	2.5786996	21	1 8.2	20.1
209771 2005 EB_{292}	15.9	X	341.84787	84.12370	79.61408	11.62580	0.0911022	0.23508053	2.6001093	21	—	—
209772 2005 EN_{292}	15.7	X	241.32432	179.71857	55.81800	14.13651	0.1739119	0.22747462	2.6577498	21	—	—
209773 2005 EV_{298}	17.2	X	15.10230	148.98067	359.98615	2.74408	0.1113828	0.24267141	2.5456008	21	1 17.6	19.8
209774 2005 EW_{317}	16.6	X	46.66273	2.97078	331.86613	1.32433	0.0338288	0.21436522	2.7650299	21	11 16.2	20.3
209775 2005 EG_{325}	17.4	X	160.29451	266.20703	181.23786	2.18710	0.0687048	0.25630805	2.4544897	21	5 21.7	20.8
209776 2005 EZ_{326}	16.9	X	176.51542	250.03300	174.15833	12.37366	0.1628789	0.25778888	2.4450810	21	5 14.9	21.0
209777 2005 FD_{6}	16.2	X	7.21554	320.17861	170.53998	12.50319	0.2062475	0.23697482	2.5862346	21	—	—
209778 2005 GB_{1}	16.8	X	332.59910	130.33160	74.73665	6.36621	0.1900159	0.23880983	2.5729692	21	1 16.4	19.9
209779 2005 GS_{1}	15.4	X	5.51947	289.98783	7.77734	22.30971	0.2288996	0.26287034	2.4134686	21	9 1.1	17.5
209780 2005 GV_{1}	16.2	X	35.46335	164.60372	114.92563	13.57632	0.2173480	0.26221955	2.4174602	21	9 29.8	19.1
209781 2005 GB_{3}	16.1	X	220.86582	170.32351	25.57762	9.54326	0.0464188	0.21876010	2.7278719	21	12 19.9	20.0
209782 2005 GN_{6}	16.3	X	252.27587	187.94992	33.19435	14.38826	0.1913588	0.22671035	2.6637195	21	—	—
209783 2005 GV_{7}	15.7	X	235.90695	79.46324	163.77115	12.59628	0.1491819	0.22641559	2.6660308	21	—	—
209784 2005 GD_{8}	15.3	X	239.18449	70.73147	184.74134	11.11279	0.1831430	0.22706390	2.6609537	21	—	—
209785 2005 GQ_{8}	15.7	X	253.68485	272.64194	254.16214	8.38869	0.1136348	0.21960961	2.7208326	21	12 15.7	19.2
209786 2005 GN_{10}	16.1	X	66.85260	349.94362	31.64126	6.71413	0.0375386	0.22504902	2.6768126	21	—	—
209787 2005 GG_{11}	15.6	X	256.05326	206.84753	42.01016	13.73003	0.2317890	0.23127622	2.6285448	21	—	—
209788 2005 GV_{13}	16.1	X	215.36449	97.59510	156.43281	9.73215	0.1557840	0.22412978	2.6841266	21	—	—
209789 2005 GH_{21}	16.5	X	321.16502	226.55753	359.81252	4.93346	0.1275233	0.23957370	2.5674970	21	2 7.8	19.7
209790 2005 GJ_{21}	16.0	X	14.32115	74.09332	0.29836	2.23343	0.0510143	0.22426215	2.6830704	21	—	—
209791 Tokaj	16.7	X	37.40330	343.62762	48.25764	4.25012	0.0883756	0.22384887	2.6863717	21	—	—
209792 2005 GL_{24}	17.1	X	316.10646	327.56800	197.91433	1.87795	0.1660794	0.23239901	2.6200719	21	—	—
209793 2005 GR_{24}	16.9	X	43.89122	307.50591	335.15723	4.45059	0.2186846	0.26615674	2.3935604	21	10 9.4	19.7
209794 2005 GZ_{26}	15.9	X	292.98569	353.20733	188.66790	13.12937	0.1022688	0.22718224	2.6600296	21	—	—
209795 2005 GW_{33}	15.8	X	151.30308	136.06597	155.06302	15.07489	0.2024694	0.21833624	2.7314012	21	—	—
209796 2005 GW_{41}	17.0	X	68.17145	8.83006	167.24617	2.80822	0.0441581	0.25732219	2.4480365	21	5 17.7	19.8
209797 2005 GO_{44}	17.1	X	54.38300	182.65454	257.91315	1.36331	0.0801607	0.23517202	2.5994349	21	—	—
209798 2005 GZ_{48}	16.9	X	140.60864	318.02068	73.43950	2.20631	0.0759095	0.23741694	2.5830228	21	2 16.8	20.3
209799 2005 GH_{49}	17.2	X	315.08548	94.39436	46.34372	4.22443	0.0960986	0.22602894	2.6690703	21	—	—
209800 2005 GZ_{53}	16.6	X	0.74068	151.15814	32.51845	4.29294	0.1289029	0.24031270	2.5622307	21	2 10.5	19.4
209801 2005 GK_{55}	16.4	X	43.48063	166.13868	180.05278	4.35941	0.0832247	0.21259758	2.7803353	21	12 4.2	20.1
209802 2005 GY_{58}	16.0	X	327.22401	8.19306	165.65325	13.18101	0.1875417	0.23259764	2.6185800	21	—	—
209803 2005 GQ_{60}	16.0	X	184.76013	333.51307	350.41364	14.21340	0.0391713	0.23476985	2.6024027	21	1 14.0	19.9
209804 2005 GS_{60}	16.4	X	282.08852	248.59737	316.26843	3.66996	0.1921455	0.22920100	2.6443872	21	—	—
209805 2005 GU_{60}	16.0	X	178.95004	57.16992	221.75769	13.87588	0.2617000	0.22060014	2.7126819	21	—	—
209806 2005 GN_{63}	16.5	X	285.36594	123.80320	124.33015	13.71570	0.1187289	0.23948535	2.5681285	21	1 22.8	20.2
209807 2005 GK_{66}	16.6	X	167.03231	260.78763	24.43410	2.11455	0.0450875	0.22348710	2.6892700	21	—	—
209808 2005 GL_{66}	16.4	X	94.15279	252.61996	52.04586	0.68640	0.0571376	0.21438383	2.7648699	21	12 9.7	20.4
209809 2005 GD_{68}	17.0	X	44.48861	276.10086	189.80594	3.78240	0.2549439	0.23873722	2.5734909	21	1 10.0	18.7
209810 2005 GK_{72}	16.2	X	356.45264	50.81804	100.39622	5.80359	0.0511231	0.23526587	2.5987436	21	—	—
209811 2005 GW_{77}	15.7	X	108.07097	253.90399	176.20805	25.47142	0.1059750	0.24073113	2.5592608	21	2 26.8	19.1
209812 2005 GN_{78}	15.8	X	282.98267	43.15111	112.48511	13.21467	0.1148542	0.22258861	2.6965021	21	—	—
209813 2005 GZ_{79}	16.0	X	317.15199	1.55875	179.21847	14.30730	0.0717925	0.23065722	2.6332455	21	—	—
209814 2005 GB_{80}	16.6	X	328.91504	38.60964	213.52242	3.31283	0.1608139	0.24557071	2.5255250	21	3 16.5	19.7
209815 2005 GC_{86}	16.0	X	213.48927	102.00040	180.00455	8.98696	0.1684864	0.22986752	2.6392729	21	—	—
209816 2005 GY_{88}	15.8	X	261.93650	76.62000	185.18791	12.57882	0.1505512	0.23227007	2.6210414	21	1 12.1	20.2
209817 2005 GH_{89}	16.7	X	33.80252	220.48400	174.81768	1.91049	0.0833033	0.22081024	2.7109609	21	—	—
209818 2005 GE_{96}	16.2	X	188.26727	146.56801	154.25539	2.59285	0.1884456	0.22580615	2.6708256	21	—	—
209819 2005 GY_{99}	16.2	X	303.26725	51.03301	152.43376	13.81066	0.2216826	0.23324794	2.6137107	21	—	—
209820 2005 GB_{102}	16.9	X	180.15187	65.30947	156.93158	3.13220	0.1404690	0.21528192	2.7571750	21	11 29.6	21.3
209821 2005 GB_{103}	16.1	X	215.73787	264.06506	25.75076	3.58269	0.1196250	0.22906073	2.6454666	21	1 6.3	20.2
209822 2005 GM_{111}	16.4	X	13.09824	29.83006	298.46949	0.64979	0.1078878	0.20304179	2.8668993	21	9 28.9	19.8
209823 2005 GL_{114}	16.3	X	357.20515	178.13426	155.82786	2.67338	0.0443055	0.20334719	2.8640280	21	9 8.3	19.9
209824 2005 GP_{133}	15.9	X	211.77223	319.28328	158.27097	4.68246	0.0899076	0.20405478	2.8574032	21	8 26.9	20.1
209825 2005 GV_{136}	15.7	X	162.97045	56.71595	188.47493	11.96777	0.1323472	0.21385602	2.7694173	21	12 11.0	20.3
209826 2005 GC_{137}	16.7	X	286.92254	32.04022	168.19379	3.01513	0.0326057	0.23015521	2.6370732	21	—	—
209827 2005 GP_{138}	16.1	X	294.21087	113.72132	59.92718	4.58827	0.0655290	0.22745608	2.6578942	21	—	—
209828 2005 GY_{138}	16.4	X	310.65881	252.59062	348.66473	2.65402	0.1319554	0.23890309	2.5722995	21	2 11.8	19.8
209829 2005 GH_{140}	15.7	X	216.73583	85.60686	183.27777	8.16964	0.1340677	0.22681013	2.6629382	21	—	—
209830 2005 GU_{140}	16.4	X	294.07780	74.53497	177.92360	17.20061	0.1819777	0.23655309	2.5893075	21	1 28.1	20.5
209831 2005 GS_{145}	16.7	X	14.27489	197.29011	305.38027	1.38662	0.0333413	0.23527498	2.5986765	21	1 15.3	20.1
209832 2005 GB_{147}	16.7	X	327.16760	178.78151	350.27110	2.65715	0.1229468	0.23210937	2.6222511	21	—	—
209833 2005 GS_{151}	16.0	X	288.16578	348.67601	200.78364	3.69816	0.0426876	0.22790832	2.6543769	21	—	—
209834 2005 GS_{152}	16.1	X	300.15736	7.85523	185.60182	5.46471	0.1240191	0.23031025	2.6358895	21	—	—
209835 2005 GE_{153}	15.8	X	140.90710	202.09738	63.98494	10.19588	0.1168441	0.21321177	2.7749933	21	12 14.1	20.1
209836 2005 GJ_{153}	16.5	X	299.13676	216.38721	358.75374	3.51430	0.0840345	0.23366327	2.6106125	21	1 3.3	20.2
209837 2005 GH_{154}	16.0	X	228.93653	71.71353	164.12650	13.77200	0.0988887	0.22564790	2.6720742	21	—	—
209838 2005 GS_{154}	16.4	X	230.76238	179.71633	64.82915	3.07000	0.1507068	0.22575336	2.6712420	21	—	—
209839 2005 GM_{155}	16.8	X	287.81163	84.45893	95.63118	1.99308	0.1090466	0.22662234	2.6644091	21	—	—
209840 2005 GE_{161}	15.9	X	206.91354	119.94352	175.29679	11.68131	0.2015960	0.22824132	2.6517945	21	1 5.1	20.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209841 2005 GG_{163}	16.1	X	336.62314	71.26939	86.09384	13.40105	0.1293032	0.23531523	2.5983802	21	—	—
209842 2005 GX_{164}	15.7	X	332.40028	341.91704	32.49552	12.38914	0.0904019	0.20409149	2.8570606	21	9 28.8	19.2
209843 2005 GC_{167}	16.2	X	334.47381	265.38420	68.59966	3.00368	0.0929902	0.19507320	2.9444508	21	8 3.2	19.8
209844 2005 GK_{169}	15.8	X	4.92556	158.51390	209.81204	5.33152	0.0394718	0.20938192	2.8087296	21	11 3.9	19.3
209845 2005 GO_{173}	15.9	X	73.42547	164.33977	173.34743	7.58681	0.0921241	0.21473722	2.7618357	21	12 30.2	20.0
209846 2005 GY_{202}	16.6	X	46.95812	261.36944	184.13847	9.62608	0.1001560	0.23446370	2.6046676	21	—	—
209847 2005 GG_{210}	15.9	X	308.07509	93.91714	66.10728	22.07400	0.0211747	0.22859987	2.6490210	21	—	—
209848 2005 HU_{4}	16.1	X	237.11059	212.71178	76.60440	8.52990	0.1800571	0.23145877	2.6271626	21	1 24.6	20.5
209849 2005 HD_{9}	16.5	X	206.86385	115.40734	65.39229	5.00576	0.0419648	0.21170787	2.7881195	21	11 14.8	20.3
209850 2005 JJ	15.7	X	275.68351	132.27516	102.66738	13.71923	0.2354104	0.23006979	2.6377258	21	—	—
209851 2005 JF_{2}	16.2	X	309.34975	24.67861	17.84544	4.37338	0.1065688	0.20954016	2.8073154	21	9 25.3	19.4
209852 2005 JS_{20}	15.8	X	225.48273	90.78979	108.68028	11.33124	0.0633707	0.21771740	2.7365746	21	12 28.1	19.6
209853 2005 JS_{25}	15.9	X	287.43513	125.15309	107.55536	14.57419	0.0577251	0.23386434	2.6091159	21	1 14.4	19.6
209854 2005 JB_{26}	16.2	X	144.31116	140.42736	133.39381	5.96115	0.0495421	0.21407095	2.7675633	21	12 27.4	20.2
209855 2005 JQ_{27}	15.6	X	198.74385	69.09931	150.35689	19.19906	0.0827961	0.21582222	2.7525715	21	12 20.8	20.0
209856 2005 JL_{28}	16.0	X	140.53047	147.48925	128.12787	9.02660	0.2266031	0.21148343	2.7900918	21	12 25.9	20.9
209857 2005 JQ_{28}	15.8	X	244.69925	273.36155	188.81193	11.65988	0.1547619	0.20288492	2.8683768	21	9 3.9	20.0
209858 2005 JG_{30}	15.5	X	28.67452	191.92413	187.61405	8.06710	0.0809850	0.21846844	2.7302992	21	12 26.8	19.2
209859 2005 JZ_{32}	15.4	X	348.92588	242.51450	42.93247	10.60360	0.1182246	0.19020153	2.9945165	21	6 17.8	19.0
209860 2005 JX_{34}	16.3	X	335.80427	237.87987	34.49662	8.79748	0.1769442	0.24536964	2.5269045	21	4 25.2	19.0
209861 2005 JD_{37}	15.8	X	227.18536	304.17023	331.40251	7.11421	0.1789413	0.22969041	2.6406295	21	—	—
209862 2005 JJ_{37}	15.7	X	311.18433	240.51634	297.36639	10.33194	0.1155860	0.23050687	2.6343904	21	—	—
209863 2005 JB_{39}	16.9	X	259.93214	278.51735	231.11712	2.90483	0.0507694	0.21487219	2.7606790	21	12 10.4	20.6
209864 2005 JW_{50}	16.1	X	138.83564	185.95620	71.45005	4.75755	0.0516931	0.21177721	2.7875109	21	12 1.1	20.2
209865 2005 JT_{58}	16.8	X	78.26715	144.26193	195.52572	3.10838	0.0991914	0.21394589	2.7686417	21	—	—
209866 2005 JK_{64}	15.9	X	165.08447	339.75284	319.17739	13.32736	0.1593260	0.22401181	2.6850689	21	—	—
209867 2005 JH_{66}	16.3	X	80.98504	194.77337	120.24323	0.56177	0.0636767	0.21015912	2.8018006	21	12 7.4	20.2
209868 2005 JV_{66}	15.8	X	43.87478	325.87806	280.67701	4.14435	0.1090018	0.19268258	2.9687554	21	7 27.6	19.5
209869 2005 JU_{68}	16.3	X	158.82365	121.34264	132.28958	12.48489	0.1736148	0.21348679	2.7726095	21	12 16.8	21.0
209870 2005 JV_{68}	15.9	X	149.56821	142.72947	137.70015	10.72559	0.1440621	0.21520563	2.7578267	21	—	—
209871 2005 JZ_{68}	15.5	X	16.61400	21.61837	90.00075	15.49784	0.0830999	0.22927645	2.6438070	21	—	—
209872 2005 JE_{77}	16.2	X	149.15449	279.17960	352.64635	11.39666	0.2092208	0.21487029	2.7606952	21	12 29.4	21.1
209873 2005 JL_{82}	15.9	X	197.61699	136.65723	184.25773	11.69968	0.2040168	0.22752030	2.6573939	21	1 26.3	20.5
209874 2005 JY_{88}	15.8	X	256.86220	218.68592	329.27797	11.53566	0.1140889	0.22335922	2.6902964	21	—	—
209875 2005 JW_{90}	16.0	X	217.47971	347.84235	258.75592	8.01846	0.2076722	0.22178794	2.7029879	21	—	—
209876 2005 JV_{115}	16.2	X	190.36065	161.06591	125.05458	6.02917	0.0888780	0.22337088	2.6902027	21	—	—
209877 2005 JV_{138}	16.1	X	166.20318	358.00547	199.95712	1.41223	0.0192671	0.20532815	2.8455773	21	10 19.2	20.1
209878 2005 JM_{140}	16.5	X	342.02563	244.31920	71.22008	3.27096	0.0884967	0.19420872	2.9531821	21	7 21.0	20.1
209879 2005 JX_{146}	15.6	X	309.26707	157.91242	134.42187	12.30709	0.1519758	0.18141477	3.0904445	21	4 26.5	19.9
209880 2005 JL_{150}	16.5	X	247.97126	21.65518	119.24544	5.44217	0.0173439	0.21016748	2.8017263	21	11 19.5	20.4
209881 2005 JQ_{158}	16.4	X	227.07487	130.00319	142.82987	6.82200	0.1570341	0.22675178	2.6633950	21	—	—
209882 2005 JW_{163}	16.1	X	89.97982	48.76593	204.08332	5.75195	0.0156620	0.20320885	2.8653278	21	9 23.0	19.9
209883 2005 JZ_{170}	16.5	X	295.12440	213.76836	166.73361	1.94962	0.0596035	0.20013519	2.8945901	21	8 8.9	20.3
209884 2005 JP_{180}	15.8	X	308.83923	41.30184	107.05058	12.35774	0.0886226	0.22360039	2.6883615	21	—	—
209885 2005 JF_{185}	15.5	X	329.57085	121.58687	86.33142	6.56526	0.1186202	0.17403596	3.1771914	21	2 10.7	19.7
209886 2005 KP_{1}	16.1	X	270.06423	309.58600	176.21879	4.98300	0.1623734	0.21384690	2.7694960	21	11 8.5	19.6
209887 2005 LB_{1}	15.9	X	277.53236	11.13703	180.19827	3.86893	0.1397601	0.22411946	2.6842091	21	—	—
209888 2005 LY_{6}	16.3	X	72.00618	120.16157	156.67812	4.04117	0.1179821	0.20067426	2.8894040	21	10 17.7	20.3
209889 2005 LZ_{6}	15.4	X	80.64561	174.32971	87.95681	11.55415	0.0473132	0.20013214	2.8946195	21	10 5.1	19.7
209890 2005 LL_{7}	15.6	X	352.87999	168.55491	111.86628	5.90332	0.1837214	0.18692395	3.0294195	21	6 16.2	18.7
209891 2005 LK_{15}	16.1	X	266.49836	144.24515	88.00858	3.85892	0.0932812	0.22792539	2.6542444	21	—	—
209892 2005 LA_{21}	16.6	X	286.18596	96.63238	147.66089	4.67918	0.1814248	0.23195661	2.6234022	21	1 13.2	20.7
209893 2005 LZ_{25}	15.4	X	352.20765	160.18285	139.62477	9.54248	0.0627361	0.19072987	2.9889839	21	7 15.4	19.2
209894 2005 LA_{29}	16.2	X	266.34660	252.56138	187.56197	1.68064	0.0348786	0.20276802	2.8694792	21	9 21.4	20.2
209895 2005 LL_{30}	15.8	X	355.83761	172.79638	106.24329	3.04424	0.2192224	0.18375526	3.0641466	21	6 19.1	18.7
209896 2005 MK_{10}	15.5	X	243.18365	201.53307	137.24976	6.29313	0.1556074	0.17725941	3.1385557	21	4 6.5	20.5
209897 2005 MV_{14}	14.9	X	299.83730	176.26063	134.51688	11.71055	0.1757231	0.17634949	3.1493426	21	5 3.7	19.4
209898 2005 MY_{20}	15.3	X	318.02294	129.43288	164.49331	9.93652	0.1534986	0.17800463	3.1297899	21	5 9.2	19.4
209899 2005 MZ_{29}	15.7	X	317.49869	105.53416	206.42574	4.44001	0.1646554	0.17879541	3.1205547	21	5 28.2	19.5
209900 2005 MH_{42}	15.4	X	346.17589	85.65627	152.93551	14.42254	0.0979229	0.17342690	3.1846258	21	4 19.4	19.6
209901 2005 MF_{45}	16.7	X	308.99253	309.50348	112.00410	25.49387	0.0831943	0.38161856	1.8824194	21	12 8.6	18.5
209902 2005 MW_{47}	15.6	X	269.78969	67.13443	232.55052	2.05779	0.1042861	0.17009426	3.2260885	21	3 20.5	20.3
209903 2005 MX_{48}	15.7	X	281.95916	225.35229	70.02189	1.91742	0.1612651	0.17077414	3.2175205	21	3 23.4	20.4
209904 2005 NK	15.1	X	23.27594	147.21270	137.20220	18.94801	0.2624679	0.18585360	3.0410395	21	9 7.5	18.4
209905 2005 NC_{2}	16.0	X	252.91375	144.35378	169.15405	1.27339	0.1307460	0.16858160	3.2453580	21	3 17.7	20.8
209906 2005 NM_{4}	15.9	X	26.91439	323.53741	271.24554	3.45850	0.0698284	0.17968685	3.1102253	21	6 11.9	19.9
209907 2005 NB_{5}	16.0	X	305.19553	130.46652	123.62964	5.83475	0.1122921	0.16886026	3.2417865	21	3 8.7	20.4
209908 2005 NZ_{12}	15.7	X	291.39080	171.74097	113.73531	2.63915	0.0951474	0.17110495	3.2133720	21	3 31.5	20.2
209909 2005 NH_{26}	16.1	X	73.14976	79.15925	212.91934	2.68575	0.1249646	0.19713147	2.9239194	21	11 6.1	20.2
209910 2005 NM_{31}	16.2	X	283.25476	136.05720	116.51347	13.63399	0.2108351	0.22821854	2.6519710	21	1 18.5	20.2
209911 2005 NU_{54}	16.0	X	332.15557	95.12074	220.94901	2.86650	0.0818136	0.18206863	3.0830409	21	7 5.3	19.8
209912 2005 NY_{61}	16.1	X	338.57650	289.61891	357.35571	0.16267	0.1489947	0.17934706	3.1141524	21	5 31.4	19.7
209913 2005 NS_{87}	15.6	X	249.27168	188.25588	132.87198	3.60241	0.0315290	0.16983412	3.2293819	21	4 2.8	20.3
209914 2005 NC_{101}	15.3	X	328.04856	183.81747	144.65512	8.25991	0.2315690	0.17914565	3.1164862	21	6 28.4	18.7
209915 2005 PS_{2}	14.8	X	289.06096	339.17555	320.89565	14.26097	0.2439829	0.17279192	3.1924230	21	3 19.1	19.7
209916 2005 PJ_{18}	15.0	X	325.98661	312.45641	338.02884	24.23277	0.1694239	0.17703353	3.1412249	21	4 28.9	19.5
209917 2005 QA_{11}	15.8	X	42.51109	98.32145	161.98073	1.29897	0.1413001	0.18400932	3.0613255	21	8 17.6	19.6
209918 2005 QY_{30}	15.2	X	7.31295	74.60880	154.31505	9.75229	0.0145424	0.17022585	3.2244257	21	5 9.7	19.8
209919 2005 QQ_{44}	14.5	X	16.92537	184.58104	130.73328	3.80356	0.2014167	0.12358226	3.9917681	21	9 18.7	19.1
209920 2005 SN_{2}	14.7	X	42.93602	198.30115	112.93158	4.42811	0.2246851	0.12605202	3.9394553	21	10 28.6	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
209921 2005 SF_{182}	15.2	X	328.24395	292.78647	0.39925	8.37311	0.2148003	0.17178340	3.2049057	21	5 10.7	19.1
209922 2005 UX_{93}	16.6	X	326.80696	243.11973	9.53325	5.55154	0.0918179	0.28330835	2.2959537	21	3 20.6	19.0
209923 2005 UX_{504}	16.5	X	73.57631	145.83355	131.86841	7.71275	0.0933739	0.28694803	2.2764977	21	10 31.1	19.5
209924 2005 WS_{55}	16.1	X	87.43584	203.28008	283.61495	23.78758	0.4540361	0.34107045	2.0288035	21	6 6.7	18.9
209925 2005 WH_{74}	16.7	X	279.17180	140.77970	288.27431	18.09336	0.1003700	0.36136009	1.9521323	21	9 21.2	19.1
209926 2005 XE	16.7	X	291.21575	170.22171	260.53840	18.45655	0.0815855	0.36695238	1.9322482	21	11 1.6	18.6
209927 2005 YQ_{8}	16.2	X	343.77138	139.10262	285.65881	19.03369	0.0776244	0.37473803	1.9053914	21	—	—
209928 2005 YX_{94}	16.8	X	135.18566	327.81833	305.15522	17.68108	0.0810758	0.37106797	1.9179343	21	—	—
209929 2005 YD_{288}	17.3	X	233.91030	193.98703	326.68129	18.02371	0.0510149	0.36740902	1.9306468	21	12 27.8	19.5
209930 2006 BQ	16.7	X	193.75115	206.73210	346.96152	19.41360	0.0892110	0.36600626	1.9355766	21	12 2.5	19.4
209931 2006 BT_{2}	17.0	X	179.79619	178.60016	324.66203	17.79443	0.0540939	0.35184118	1.9871848	21	9 1.2	19.4
209932 2006 BO_{32}	17.1	X	339.38148	141.12558	113.58653	3.08485	0.1572513	0.26697598	2.3886614	21	4 6.9	19.4
209933 2006 BH_{150}	16.8	X	293.17830	258.06224	118.27450	24.14721	0.1096030	0.35286722	1.9833309	21	7 30.6	18.3
209934 2006 BH_{157}	17.3	X	180.12176	143.00128	129.27788	5.84030	0.2267913	0.30402180	2.1904477	21	—	—
209935 2006 BD_{227}	16.9	X	53.46139	39.55388	161.84873	2.20737	0.1442980	0.27168935	2.3609546	21	6 14.3	19.3
209936 2006 CT_{65}	16.6	X	4.20640	333.66455	353.76932	5.43422	0.1864791	0.28536889	2.2848882	21	10 3.1	18.1
209937 2006 DX_{13}	17.4	X	185.38450	276.81279	351.12670	3.70709	0.2084454	0.30387675	2.1911447	21	—	—
209938 2006 DQ_{34}	17.1	X	39.16138	125.19986	145.74494	3.45163	0.1429811	0.27770541	2.3267327	21	9 5.5	19.3
209939 2006 DX_{34}	17.1	X	354.03045	146.24617	160.76955	3.00249	0.1820071	0.27570511	2.3379731	21	8 1.2	18.7
209940 2006 DZ_{34}	17.2	X	339.38989	299.58913	2.38720	3.24391	0.1338916	0.27302353	2.3532568	21	6 21.9	19.4
209941 2006 DD_{35}	17.2	X	163.08531	301.63924	16.33861	2.96672	0.1799803	0.30832978	2.1699967	21	—	—
209942 2006 DG_{60}	17.2	X	72.77211	319.27732	302.75312	0.76601	0.2023215	0.28067525	2.3102907	21	10 18.6	20.4
209943 2006 DZ_{64}	16.5	X	306.46999	198.84278	86.74787	6.29032	0.1009265	0.26898910	2.3767286	21	4 9.8	19.4
209944 2006 DV_{71}	17.1	X	162.72768	230.49620	6.01610	6.71147	0.0891051	0.29564219	2.2316450	21	12 14.0	20.2
209945 2006 DU_{94}	17.1	X	111.70556	25.10537	155.09405	2.18324	0.1542886	0.27687836	2.3313638	21	8 7.1	20.3
209946 2006 DA_{98}	15.8	X	173.98994	171.24949	129.37499	13.25024	0.1640737	0.23456699	2.6039029	21	—	—
209947 2006 EZ_{16}	16.7	X	146.35825	286.37702	10.06297	8.97043	0.2050144	0.29985265	2.2107050	21	—	—
209948 2006 FG_{1}	18.4	X	238.42038	86.98751	174.41202	3.85821	0.0981880	0.31294134	2.1486257	21	—	—
209949 2006 FH_{12}	17.1	X	53.35278	151.35175	204.23179	3.31988	0.2707640	0.29682441	2.2257155	21	—	—
209950 2006 FH_{18}	17.9	X	262.77115	160.38750	65.03044	2.08337	0.0950045	0.30900712	2.1668245	21	—	—
209951 2006 FD_{28}	16.8	X	307.96068	348.02645	32.86416	6.33790	0.1186423	0.27983572	2.3149091	21	8 31.8	19.1
209952 2006 FA_{30}	17.7	X	123.50173	96.77627	187.30387	2.98045	0.2009216	0.29051431	2.2578289	21	—	—
209953 2006 FG_{37}	17.0	X	225.05330	164.53973	39.39176	4.95785	0.1285881	0.30016288	2.2091815	21	—	—
209954 2006 FJ_{41}	17.3	X	46.47632	278.10814	53.59227	3.66206	0.1834398	0.28661448	2.2782636	21	12 17.8	20.2
209955 2006 FA_{45}	17.4	X	216.22471	176.12295	18.35281	2.25019	0.0930192	0.29814412	2.2191426	21	12 23.1	19.9
209956 2006 GH_{2}	16.7	X	100.85538	256.43517	74.75749	4.78930	0.2164447	0.29812637	2.2192307	21	—	—
209957 2006 GW_{3}	16.8	X	20.56354	341.79868	359.60982	7.64685	0.1936114	0.29131639	2.2536827	21	11 26.5	19.3
209958 2006 GD_{22}	17.1	X	200.30912	194.62651	64.12091	4.29539	0.0709181	0.30298608	2.1954368	21	—	—
209959 2006 GR_{26}	17.4	X	31.72484	312.50568	68.39737	2.38879	0.0303151	0.29516569	2.2340461	21	—	—
209960 2006 GC_{28}	16.1	X	303.35336	195.76014	164.58854	3.88010	0.1057893	0.20882521	2.8137192	21	7 18.1	19.6
209961 2006 GD_{32}	16.6	X	102.56883	207.27888	34.22798	7.08236	0.0744530	0.28170636	2.3046498	21	10 12.5	19.7
209962 2006 GT_{34}	17.3	X	201.66321	47.72927	124.36557	6.86253	0.1187901	0.29140859	2.2532073	21	11 3.4	20.4
209963 2006 GG_{41}	16.6	X	135.22381	95.87755	197.01120	4.58991	0.1266372	0.29756835	2.2220043	21	—	—
209964 2006 GJ_{46}	16.8	X	157.23386	251.81871	151.68672	3.60290	0.1452517	0.25572889	2.4581942	21	3 27.9	20.3
209965 2006 GN_{50}	17.3	X	226.95021	309.53401	296.89577	3.93294	0.1076834	0.30544246	2.1836504	21	—	—
209966 2006 GC_{54}	17.5	X	145.03793	140.41762	56.84625	4.22361	0.0690059	0.28283404	2.2985199	21	10 3.9	20.5
209967 2006 HU	17.0	X	111.07180	183.22275	103.89816	2.49921	0.1441540	0.29150341	2.2527187	21	12 24.9	20.2
209968 2006 HF_{2}	17.5	X	189.45176	153.64692	62.47076	4.40239	0.1603008	0.29450376	2.2373924	21	12 10.7	20.8
209969 2006 HT_{10}	16.2	X	239.66125	236.16789	145.42938	6.92687	0.1242806	0.26779931	2.3837631	21	5 22.8	19.7
209970 2006 HH_{11}	16.9	X	2.13409	162.97073	157.86962	6.97915	0.1431302	0.27608251	2.3358420	21	9 12.7	18.9
209971 2006 HE_{21}	17.2	X	202.55946	140.23001	94.88240	3.65134	0.0722906	0.29946444	2.2126151	21	—	—
209972 2006 HM_{25}	16.9	X	284.32308	192.32241	125.78194	3.59033	0.2082645	0.25790593	2.4443412	21	4 9.1	20.3
209973 2006 HN_{25}	17.2	X	37.28296	95.86968	193.78669	4.22276	0.1768723	0.27466780	2.3438558	21	10 5.1	19.5
209974 2006 HZ_{32}	17.6	X	205.49468	70.49125	193.27228	0.79847	0.2044948	0.30328310	2.1940031	21	—	—
209975 2006 HY_{34}	17.1	X	132.39943	155.80073	112.54042	5.87212	0.2431684	0.29029653	2.2589580	21	12 21.4	21.1
209976 2006 HQ_{39}	16.3	X	284.85038	130.54196	80.33896	3.70783	0.1054223	0.24450401	2.5328651	21	—	—
209977 2006 HO_{42}	17.0	X	260.68066	153.92303	49.04761	6.51885	0.0789236	0.30442564	2.1885101	21	—	—
209978 2006 HD_{44}	16.8	X	230.98985	2.21468	75.52234	6.96276	0.0916419	0.27480498	2.3430757	21	8 1.5	20.0
209979 2006 HT_{44}	16.8	X	111.87336	38.69661	201.47978	5.18082	0.1299377	0.28216333	2.3021609	21	10 25.3	20.0
209980 2006 HC_{55}	17.0	X	2.33549	190.84697	84.21591	2.45334	0.1701021	0.26695114	2.3888095	21	6 27.1	18.6
209981 2006 HM_{55}	16.7	X	181.76872	191.18335	60.48718	4.94694	0.1284521	0.29709393	2.2243692	21	—	—
209982 2006 HJ_{57}	17.0	X	258.16193	96.93831	102.15150	4.52238	0.0905678	0.30320430	2.1943832	21	—	—
209983 2006 HW_{60}	17.1	X	214.35555	138.90346	115.74788	0.76232	0.0683763	0.30368420	2.1920708	21	—	—
209984 2006 HY_{64}	16.7	X	317.68052	305.62023	83.50947	4.16871	0.0423145	0.28141527	2.3062388	21	10 6.9	19.2
209985 2006 HB_{71}	17.0	X	355.93219	120.36660	144.40528	4.62728	0.1128708	0.26481297	2.4016509	21	5 29.8	19.3
209986 2006 HV_{78}	17.2	X	159.29265	208.20332	41.84066	9.05573	0.1600762	0.29212001	2.2495475	21	12 23.4	20.7
209987 2006 HG_{84}	16.8	X	26.96483	244.87410	79.83002	9.87716	0.0235257	0.28075038	2.3098786	21	10 21.4	19.7
209988 2006 HL_{86}	17.0	X	196.73410	359.86842	188.79070	5.58357	0.0874987	0.29098502	2.2553934	21	11 21.2	20.0
209989 2006 HU_{90}	17.7	X	31.82040	227.66287	171.19315	4.44075	0.0604236	0.30032066	2.2084077	21	—	—
209990 2006 HV_{97}	16.4	X	280.46914	345.44150	13.00642	1.90931	0.0827833	0.20320036	2.8654076	21	6 16.9	20.2
209991 2006 HU_{102}	17.6	X	248.98658	223.03455	128.56254	2.98381	0.0871926	0.26022381	2.4298046	21	4 26.7	20.9
209992 2006 HM_{113}	16.8	X	109.99210	231.21326	138.77149	4.19352	0.1484743	0.23842473	2.5757390	21	—	—
209993 2006 HB_{122}	16.0	X	65.57133	212.33181	139.52533	13.68965	0.1702688	0.22486077	2.6783064	21	—	—
209994 2006 JL	16.7	X	129.96211	222.46497	26.05332	8.55065	0.1279574	0.28681077	2.2772239	21	11 21.8	20.2
209995 2006 JG_{2}	17.5	X	116.88005	251.64557	24.06321	2.09782	0.2230168	0.28719178	2.2752094	21	12 17.5	21.3
209996 2006 JS_{14}	17.5	X	125.19206	47.22777	232.44448	1.94318	0.1540814	0.29043618	2.2582338	21	12 28.9	21.0
209997 2006 JN_{16}	17.2	X	39.45786	116.62985	162.66733	2.28375	0.1923376	0.27365595	2.3496298	21	9 26.6	19.6
209998 2006 JP_{19}	17.2	X	199.97579	212.75497	83.09891	3.99075	0.0682967	0.30696105	2.1764425	21	—	—
209999 2006 JS_{19}	17.3	X	352.17043	337.00682	179.61145	3.78467	0.1024040	0.31259299	2.1502216	21	—	—
210000 2006 JJ_{21}	16.5	X	90.40832	223.73769	142.21248	7.64007	0.1417865	0.23304767	2.6152078	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210001 2006 JV_{27}	16.6	X	274.24533	289.06882	70.30941	4.56401	0.1473910	0.26723190	2.3871361	21	5 28.9	19.6
210002 2006 JE_{29}	16.7	X	297.40784	266.00045	93.25829	4.39856	0.1725419	0.27059208	2.3673329	21	6 26.8	19.1
210003 2006 JT_{42}	16.5	X	167.02643	230.97871	79.45332	4.09624	0.2071505	0.23562417	2.5961084	21	—	—
210004 2006 JN_{43}	16.8	X	141.17861	61.90905	87.70464	7.90064	0.0594740	0.27325104	2.3519505	21	7 22.8	20.0
210005 2006 JH_{44}	17.4	X	311.78816	7.89509	181.64948	3.52879	0.0493267	0.31004751	2.1619744	21	—	—
210006 2006 JG_{51}	17.0	X	319.47276	326.04395	79.97283	4.39166	0.2037227	0.28417215	2.2912987	21	10 29.1	18.4
210007 2006 JA_{53}	17.0	X	159.28564	146.17720	169.62922	3.50217	0.0705694	0.30299169	2.1954097	21	—	—
210008 2006 JW_{53}	17.4	X	311.02214	358.73322	261.15855	0.42617	0.1548963	0.25468048	2.4649358	21	3 1.7	20.5
210009 2006 JB_{58}	17.0	X	104.38684	106.60979	156.87463	6.72244	0.0936427	0.28475293	2.2881821	21	11 16.0	20.2
210010 2006 KO	17.0	X	194.90808	203.81837	76.15377	2.38508	0.1292183	0.30193245	2.2005413	21	—	—
210011 2006 KT	17.0	X	344.31387	124.99533	185.37394	1.10736	0.1774764	0.26727246	2.3868946	21	7 13.1	18.9
210012 2006 KT_{1}	16.6	X	63.66500	189.31268	138.66252	9.25480	0.4735381	0.28130217	2.3068569	21	—	—
210013 2006 KF_{9}	16.4	X	215.78279	167.66955	234.10285	5.65166	0.1154998	0.26374788	2.4081123	21	5 22.6	19.9
210014 2006 KO_{10}	16.6	X	154.03751	11.65408	225.51746	5.73160	0.0736113	0.28879908	2.2667598	21	12 5.6	19.6
210015 2006 KS_{11}	17.0	X	78.77037	165.90473	118.39746	2.96970	0.1292736	0.28123580	2.3072199	21	11 16.3	20.1
210016 2006 KF_{22}	16.7	X	104.03170	125.67814	65.37988	8.42774	0.1086686	0.27203333	2.3589639	21	8 10.9	20.0
210017 2006 KO_{32}	17.3	X	21.98010	107.43013	167.23055	1.32023	0.1732295	0.26949334	2.3737630	21	8 12.5	19.4
210018 2006 KR_{38}	17.1	X	142.43380	310.02986	320.20208	3.06518	0.1515083	0.29189565	2.2507001	21	—	—
210019 2006 KL_{41}	16.2	X	132.62921	6.96772	234.67234	6.78519	0.1444856	0.21948721	2.7218440	21	11 9.2	20.6
210020 2006 KV_{42}	15.9	X	114.74684	277.71196	71.24053	6.61434	0.2554800	0.23119005	2.6291980	21	—	—
210021 2006 KZ_{50}	16.3	X	280.66582	260.48689	106.90993	3.15069	0.0787301	0.20398240	2.8580791	21	6 29.8	20.1
210022 2006 KD_{60}	16.6	X	241.22271	246.75282	151.87877	6.38884	0.1005184	0.26670269	2.3902929	21	6 17.9	19.9
210023 2006 KZ_{64}	17.2	X	13.67776	104.92600	154.05642	4.79156	0.1695629	0.26512347	2.3997754	21	6 27.1	19.1
210024 2006 KJ_{67}	16.9	X	18.76725	141.68423	137.78682	4.03508	0.1997819	0.26856350	2.3792389	21	8 17.7	18.6
210025 2006 KP_{82}	17.2	X	165.89155	54.93919	196.97986	4.99169	0.2468987	0.28840947	2.2688009	21	12 26.6	21.0
210026 2006 KH_{97}	17.2	X	117.17118	111.89633	161.29790	6.11941	0.1743206	0.28150902	2.3057267	21	12 13.3	20.9
210027 2006 KY_{113}	16.8	X	219.56754	233.71000	10.98176	4.53323	0.1415682	0.30089870	2.2055784	21	—	—
210028 2006 KP_{121}	15.7	X	86.98169	224.93901	115.47815	15.07085	0.3823661	0.22130933	2.7068835	21	—	—
210029 2006 LD_{2}	16.3	X	195.09108	220.91603	97.37189	5.47535	0.2237035	0.23907792	2.5710453	21	1 23.2	20.7
210030 Taoyuan	16.9	X	166.90974	159.12226	77.55261	7.27940	0.0786555	0.29000243	2.2604850	21	12 19.1	20.0
210031 2006 MP_{14}	17.1	X	358.52409	307.77733	318.19895	4.03966	0.1445974	0.26023004	2.4297659	21	6 2.9	19.4
210032 Enricocastellani	16.5	X	203.47590	334.02351	250.87066	5.10277	0.0181472	0.22090795	2.7101614	21	—	—
210033 2006 OT_{1}	16.8	X	56.96055	179.02858	38.89563	3.00114	0.1780645	0.26281337	2.4138174	21	7 22.7	19.4
210034 2006 OU_{3}	17.0	X	124.70700	84.49971	250.58351	1.06137	0.0463621	0.22641626	2.6660255	21	—	—
210035 Jungli	16.4	X	63.23780	236.80636	126.74842	6.84724	0.0721303	0.21914267	2.7246962	21	—	—
210036 2006 OC_{8}	16.3	X	155.23930	250.42703	96.42271	4.94862	0.1465849	0.23269719	2.6178331	21	1 17.1	20.0
210037 2006 OY_{8}	17.1	X	49.29717	295.31255	5.13792	2.31368	0.2027980	0.27168879	2.3609579	21	11 9.5	20.1
210038 2006 OO_{9}	15.8	X	336.36958	189.24483	127.70159	11.90668	0.1374937	0.19296679	2.9658397	21	7 8.9	19.2
210039 2006 OG_{12}	14.8	X	171.95522	244.44225	137.19094	18.11508	0.2429098	0.17224488	3.1991787	21	3 31.4	20.5
210040 2006 OC_{13}	16.2	X	327.46069	277.90600	36.76472	1.99798	0.1803691	0.25831857	2.4417375	21	6 11.5	18.5
210041 2006 OP_{14}	15.6	X	237.23347	194.86453	155.59593	12.60743	0.2402264	0.17936673	3.1139249	21	4 10.2	21.0
210042 2006 OQ_{19}	16.1	X	270.48436	312.63445	329.02746	16.49519	0.1443232	0.24474691	2.5311890	21	2 14.7	20.0
210043 2006 OV_{20}	16.2	X	308.30378	213.10969	184.43101	2.95069	0.0687201	0.19589803	2.9361800	21	9 18.3	19.9
210044 2006 OH_{21}	16.2	X	332.44041	353.18914	347.00347	1.28474	0.0736063	0.18928248	3.0042018	21	8 8.8	19.9
210045 2006 PL_{2}	17.0	X	217.95822	139.85522	177.57270	1.20099	0.1901009	0.23908806	2.5709726	21	2 7.9	21.2
210046 2006 PA_{6}	16.3	X	255.79155	158.54611	138.31430	6.22266	0.1280670	0.24271814	2.5452741	21	2 20.2	20.1
210047 2006 PE_{6}	15.2	X	251.96687	261.12833	128.23364	11.22340	0.1253451	0.18989543	2.9977336	21	6 17.5	19.7
210048 2006 PM_{11}	16.8	X	245.84431	279.10655	1.84886	4.22891	0.2094573	0.23802463	2.5786246	21	1 19.7	21.1
210049 2006 PN_{12}	15.0	X	284.02603	207.12275	178.39355	2.39860	0.2159919	0.12451530	3.9718019	21	7 6.8	20.5
210050 2006 PF_{16}	16.6	X	56.01942	291.37302	354.76180	8.33226	0.2611232	0.27058780	2.3673579	21	11 4.2	19.9
210051 2006 PT_{19}	15.9	X	210.05340	149.84896	143.47686	5.87760	0.0850522	0.23205035	2.6226956	21	1 3.1	19.9
210052 2006 PM_{20}	16.8	X	353.01817	40.50510	228.46940	0.67636	0.1453492	0.25796907	2.4439423	21	5 27.7	18.8
210053 2006 PG_{21}	15.7	X	351.60700	323.27395	345.88180	4.61857	0.1029299	0.19533408	2.9418286	21	7 28.5	19.1
210054 2006 PV_{21}	16.1	X	53.71810	357.96720	7.37861	2.49520	0.0845470	0.21444269	2.7643639	21	—	—
210055 2006 PO_{23}	16.9	X	1.28102	124.51718	145.78483	0.51213	0.1913802	0.25890659	2.4380390	21	6 16.1	18.4
210056 2006 PU_{23}	16.5	X	215.36184	172.40541	109.23263	4.86092	0.1149495	0.23271829	2.6176748	21	—	—
210057 2006 PT_{26}	15.8	X	108.18935	302.00623	9.71638	8.93671	0.0998164	0.21537592	2.7563728	21	—	—
210058 2006 PA_{27}	16.3	X	133.45725	159.50593	177.00050	12.98246	0.1773007	0.22291823	2.6938433	21	—	—
210059 2006 PW_{29}	16.9	X	122.25155	50.36617	248.21390	0.71645	0.1985221	0.21896878	2.7261385	21	—	—
210060 2006 PV_{37}	17.3	X	55.55434	228.08535	60.41855	1.83184	0.1779758	0.27153613	2.3618427	21	10 29.7	20.3
210061 2006 PJ_{39}	15.7	X	7.87624	358.20796	339.07340	11.77750	0.0780354	0.20411495	2.8568416	21	9 26.7	19.3
210062 2006 PD_{42}	14.9	X	196.93562	40.51468	351.84137	11.32148	0.1266866	0.17702215	3.1413596	21	4 22.1	20.1
210063 2006 PL_{43}	15.9	X	126.30237	315.22075	327.94012	7.61517	0.0703756	0.21450607	2.7638194	21	12 19.8	20.1
210064 2006 QW_{2}	16.0	X	287.30893	343.87406	336.83104	2.00344	0.0966077	0.18316822	3.0706899	21	5 5.9	20.4
210065 2006 QF_{3}	17.0	X	72.80622	299.45282	342.82486	6.48281	0.2671849	0.27125704	2.3634624	21	11 17.8	20.7
210066 2006 QK_{6}	15.7	X	90.16355	0.59635	344.30368	9.86913	0.2187299	0.21521369	2.7577578	21	—	—
210067 2006 QO_{6}	15.3	X	213.47977	202.35151	152.99092	9.95155	0.0810784	0.17502765	3.1651790	21	4 1.8	20.2
210068 2006 QP_{7}	15.8	X	184.64523	294.01090	357.09876	12.24544	0.1577826	0.22461277	2.6802775	21	—	—
210069 2006 QF_{9}	16.3	X	9.32052	229.97409	163.00415	2.72425	0.0823297	0.20941122	2.8084676	21	12 15.8	19.8
210070 2006 QK_{11}	16.3	X	245.57306	327.38429	49.99226	2.80094	0.1013323	0.18526923	3.0474308	21	5 27.9	20.7
210071 2006 QF_{12}	16.3	X	206.60814	259.67008	7.13611	4.52262	0.0726002	0.22754248	2.6572213	21	—	—
210072 2006 QN_{15}	16.3	X	65.95628	146.10040	207.55743	4.59180	0.0435687	0.21587479	2.7521246	21	—	—
210073 2006 QZ_{18}	16.2	X	133.02833	333.46767	352.91785	4.72173	0.2250955	0.22232396	2.6986416	21	—	—
210074 2006 QZ_{21}	15.8	X	58.01521	18.23011	334.43343	13.77337	0.1011795	0.21372128	2.7705811	21	—	—
210075 2006 QU_{22}	15.2	X	197.75719	232.98491	158.70948	15.23240	0.2140944	0.17735661	3.1374090	21	4 29.5	20.8
210076 2006 QU_{24}	15.1	X	219.96160	208.17766	168.77731	8.90601	0.1082248	0.17609312	3.1523986	21	5 2.9	20.1
210077 2006 QF_{25}	16.1	X	103.31119	230.10886	144.28595	6.19066	0.0892059	0.22377435	2.6869681	21	—	—
210078 2006 QH_{26}	16.2	X	23.40779	144.56160	244.42441	1.31852	0.0797978	0.21125902	2.7920672	21	12 30.2	19.9
210079 2006 QV_{27}	16.8	X	64.97706	216.23308	57.23587	3.13387	0.2013810	0.26920647	2.3754490	21	10 24.5	19.8
210080 2006 QU_{34}	16.5	X	48.85549	125.42541	145.81425	12.02052	0.2594884	0.26843758	2.3799829	21	10 13.6	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210081 2006 QH_{36}	15.8	X	102.73127	329.97718	355.09480	12.53093	0.1321240	0.21496464	2.7598874	21	—	—
210082 2006 QB_{41}	15.9	X	149.38567	268.10816	14.75723	5.26994	0.0309647	0.21850040	2.7300330	21	—	—
210083 2006 QJ_{43}	15.7	X	164.79683	164.62480	170.29046	13.24648	0.2433825	0.22693859	2.6619332	21	1 19.1	20.3
210084 2006 QD_{45}	15.5	X	103.00083	158.58628	131.04126	16.09246	0.1556923	0.21223023	2.7835427	21	12 11.4	20.2
210085 2006 QW_{45}	14.9	X	223.79272	183.76101	170.49886	18.40442	0.1013353	0.17559090	3.1584067	21	4 10.1	19.9
210086 2006 QA_{51}	16.0	X	87.53747	307.13122	351.69414	8.74613	0.1486127	0.21108942	2.7935625	21	12 2.5	20.4
210087 2006 QD_{62}	15.1	X	311.98478	238.87602	127.49117	4.03766	0.1908981	0.12524040	3.9564567	21	7 25.5	19.9
210088 2006 QE_{65}	16.6	X	11.83217	118.56291	228.34222	1.13408	0.0832535	0.20334100	2.8640862	21	10 19.4	20.2
210089 2006 QS_{68}	16.0	X	204.10037	212.96502	345.57822	4.41428	0.0979597	0.21224578	2.7834068	21	11 26.2	20.1
210090 2006 QC_{76}	16.9	X	266.28735	85.11075	133.07676	3.98182	0.0406026	0.22680848	2.6629511	21	—	—
210091 2006 QO_{81}	15.3	X	235.08231	197.26084	163.71623	11.69361	0.0376835	0.17856969	3.1231838	21	5 5.5	20.0
210092 2006 QU_{81}	16.3	X	123.67637	176.89788	137.33021	4.34636	0.1892134	0.21751987	2.7382311	21	—	—
210093 2006 QL_{82}	16.4	X	139.07483	170.02476	140.37673	4.49920	0.1132031	0.22103153	2.7091511	21	—	—
210094 2006 QM_{82}	15.4	X	234.83065	201.84745	155.95140	12.02731	0.1069968	0.17919278	3.1159397	21	4 25.9	20.3
210095 2006 QW_{87}	15.8	X	343.98869	132.54614	162.64418	10.56495	0.0380732	0.18851480	3.0123522	21	6 28.2	20.0
210096 2006 QV_{94}	15.5	X	345.05767	240.76654	150.72433	7.07832	0.0702824	0.20512088	2.8474939	21	11 8.6	19.1
210097 2006 QA_{97}	16.1	X	10.25415	17.77993	2.32614	1.69733	0.0743664	0.20637340	2.8359609	21	11 28.6	19.7
210098 2006 QM_{104}	16.0	X	356.21484	112.53114	258.20653	1.07991	0.0833802	0.20598483	2.8395263	21	10 27.3	19.4
210099 2006 QK_{116}	16.5	X	254.46327	299.32999	335.39309	11.30044	0.2545810	0.23738776	2.5832345	21	1 18.6	21.0
210100 2006 QM_{117}	16.4	X	295.66626	112.00961	173.59599	15.00391	0.1328515	0.24469962	2.5315151	21	3 21.7	19.7
210101 2006 QU_{117}	16.0	X	297.73745	18.88993	335.21781	9.78409	0.1155521	0.18920056	3.0050689	21	7 1.6	20.1
210102 2006 QV_{117}	14.9	X	251.27970	9.88859	334.07857	8.61003	0.0456936	0.17916082	3.1163103	21	4 25.6	19.6
210103 2006 QR_{120}	15.3	X	236.48382	72.00635	282.34396	8.60137	0.0548576	0.17964936	3.1106580	21	4 20.6	20.0
210104 2006 QP_{123}	15.3	X	293.69103	177.73531	141.50766	4.88330	0.3170319	0.18405779	3.0607880	21	4 13.7	19.9
210105 2006 QW_{123}	14.8	X	303.17260	356.07593	304.04197	21.15900	0.0766386	0.18184403	3.0855791	21	4 24.8	19.6
210106 2006 QV_{129}	15.7	X	319.37135	336.21135	147.53367	7.34291	0.0096250	0.22019243	2.7160294	21	—	—
210107 Pistoletto	16.0	X	109.74541	214.30685	329.10622	10.85281	0.0180526	0.19149891	2.9809762	21	7 23.1	20.2
210108 2006 QO_{140}	15.0	X	89.84875	106.08265	342.04707	12.03440	0.0656697	0.17062228	3.2194292	21	3 4.7	19.5
210109 2006 QD_{154}	16.0	X	182.08667	80.58431	325.75759	4.42096	0.0767084	0.17820833	3.1274044	21	4 26.2	20.7
210110 2006 QK_{161}	16.1	X	124.26410	336.08478	319.76329	2.93175	0.0766730	0.21428395	2.7657290	21	—	—
210111 2006 QO_{165}	15.3	X	205.45588	54.76225	323.27141	9.78176	0.0928823	0.17604207	3.1530080	21	4 13.3	20.4
210112 2006 QB_{168}	15.9	X	58.83507	317.85615	40.07675	4.86173	0.0827031	0.21241267	2.7819486	21	—	—
210113 2006 QY_{169}	14.8	X	230.42450	244.38835	160.00150	16.92281	0.1238793	0.18152984	3.0891384	21	6 14.3	19.9
210114 2006 RN_{1}	15.6	X	57.22892	230.53664	96.26850	10.85232	0.2042394	0.20990782	2.8040364	21	12 13.1	19.6
210115 2006 RB_{5}	15.2	X	236.67895	30.36870	293.50537	9.29699	0.2058431	0.17431220	3.1738339	21	3 5.2	20.7
210116 2006 RQ_{10}	15.7	X	305.69997	148.53652	176.07061	8.59168	0.0873042	0.18516548	3.0485690	21	6 7.8	19.9
210117 2006 RO_{26}	15.8	X	94.41842	241.30072	56.04269	2.83777	0.0480323	0.20450686	2.8531907	21	11 28.3	19.9
210118 2006 RG_{31}	16.3	X	129.76057	24.94703	284.88157	2.36693	0.1866042	0.21711891	2.7416012	21	—	—
210119 2006 RM_{31}	15.6	X	237.92559	297.73206	45.04193	1.56257	0.1803012	0.17539941	3.1607050	21	4 2.9	20.8
210120 2006 RL_{37}	15.4	X	177.16358	1.50096	48.14033	4.71310	0.1927110	0.17219534	3.1997923	21	4 30.6	20.7
210121 2006 RV_{39}	16.2	X	189.99056	115.52586	172.32051	13.43438	0.2183888	0.22511931	2.6762554	21	—	—
210122 2006 RL_{40}	15.0	X	231.30254	222.36005	190.12191	10.14589	0.0722337	0.18270012	3.0759327	21	6 27.7	19.7
210123 2006 RN_{47}	16.4	X	233.48306	267.34173	123.10453	2.42288	0.0511078	0.17986782	3.1081388	21	6 5.4	20.8
210124 2006 RW_{51}	16.7	X	171.51957	253.40426	27.20058	2.00208	0.2043302	0.21830449	2.7316660	21	—	—
210125 2006 RR_{57}	16.3	X	165.46740	121.50075	172.18454	3.84738	0.0636047	0.21964352	2.7205525	21	—	—
210126 2006 RE_{63}	15.8	X	173.11594	216.68025	87.18381	4.02894	0.0609021	0.22336261	2.6902691	21	—	—
210127 2006 RB_{67}	16.3	X	304.62489	279.49951	282.54633	7.31429	0.1475597	0.23388768	2.6089423	21	—	—
210128 2006 RC_{68}	15.5	X	186.42970	103.73589	350.10358	10.50784	0.0823253	0.18453296	3.0555314	21	7 1.8	20.3
210129 2006 RD_{73}	16.3	X	56.13830	218.65834	35.21990	1.19646	0.1141943	0.19186518	2.9771812	21	8 26.4	20.1
210130 2006 RP_{73}	15.4	X	168.02944	250.44150	184.11334	10.34550	0.1197017	0.17506068	3.1647809	21	5 21.3	20.5
210131 2006 RS_{81}	15.9	X	288.45861	158.70020	159.13347	2.00997	0.0682847	0.17954186	3.1118996	21	5 9.6	20.1
210132 2006 RP_{82}	16.0	X	251.77003	43.22321	355.19825	2.26818	0.0941944	0.18460206	3.0547689	21	7 1.9	20.5
210133 2006 RK_{83}	15.0	X	152.16680	86.44326	6.83836	24.14270	0.0693556	0.17576407	3.1563317	21	5 13.8	20.1
210134 2006 RW_{96}	16.7	X	155.47695	298.24400	353.56889	3.13834	0.1974511	0.21710621	2.7417081	21	—	—
210135 2006 RZ_{104}	16.5	X	44.34465	322.30472	319.63972	1.10502	0.0734402	0.19594724	2.9356883	21	9 9.2	20.4
210136 2006 ST	16.2	X	208.68678	356.76755	308.34080	3.67818	0.1802834	0.22973265	2.6403059	21	1 18.5	20.5
210137 2006 SK_{8}	15.3	X	345.39028	177.90137	146.49544	9.28758	0.1502836	0.18984517	2.9982627	21	8 4.3	18.5
210138 2006 SW_{19}	16.2	X	79.58535	153.73347	186.76981	4.83272	0.1672634	0.21146138	2.7902857	21	—	—
210139 2006 SY_{33}	15.4	X	341.81881	334.43958	334.66756	8.68039	0.0968095	0.18849551	3.0125577	21	7 12.4	19.2
210140 2006 SK_{40}	16.6	X	296.18242	198.79448	82.46591	2.81341	0.1657501	0.24306181	2.5428744	21	3 13.1	20.1
210141 2006 SN_{44}	14.8	X	36.68595	233.00753	56.25154	13.74873	0.0969145	0.19545449	2.9406203	21	9 19.4	18.8
210142 2006 SY_{48}	16.3	X	247.94196	294.11623	2.82296	4.18735	0.1533803	0.23553843	2.5967384	21	2 12.6	20.4
210143 2006 SG_{55}	15.3	X	300.19731	206.51237	152.03539	14.51031	0.1457404	0.18701970	3.0283854	21	7 4.9	19.5
210144 2006 SZ_{56}	15.9	X	304.76714	293.70468	19.36192	1.16526	0.2098923	0.18162774	3.0880282	21	5 2.8	20.0
210145 2006 SG_{57}	15.1	X	92.73324	223.54387	338.84189	11.41165	0.0118340	0.18635185	3.0356166	21	7 25.5	19.4
210146 2006 SX_{59}	15.3	X	319.68094	146.20928	172.44099	11.85922	0.1092050	0.18477931	3.0528150	21	6 17.2	19.4
210147 Zalgiris	15.8	X	278.03689	146.69795	221.54821	4.10953	0.0649379	0.18350458	3.0669364	21	6 29.4	20.1
210148 2006 SW_{101}	16.1	X	61.94210	20.01303	133.63150	0.45184	0.1135315	0.17132450	3.2106262	21	4 24.6	20.3
210149 2006 SQ_{107}	14.3	X	293.24610	247.80317	138.64399	10.70588	0.1671993	0.12337049	3.9963348	21	7 26.4	19.6
210150 2006 ST_{108}	14.9	X	235.37702	231.07673	134.82709	22.57037	0.0704531	0.17403297	3.1772278	21	5 13.9	20.1
210151 2006 SX_{126}	15.6	X	323.13650	224.27488	123.60278	4.73080	0.1569873	0.19009574	2.9956274	21	7 26.7	18.9
210152 2006 SD_{128}	16.2	X	100.51828	106.48619	227.08834	2.01676	0.1187918	0.21343919	2.7730218	21	—	—
210153 2006 SO_{129}	16.0	X	235.25117	236.00348	359.84642	5.65452	0.1007268	0.22275703	2.6951427	21	—	—
210154 2006 SC_{155}	16.5	X	176.76161	234.71493	76.79967	2.86361	0.2741234	0.22654106	2.6650463	21	1 5.2	21.2
210155 2006 SG_{165}	15.9	X	263.51369	277.94789	342.22126	12.34878	0.1571244	0.23318715	2.6141649	21	1 15.8	20.2
210156 2006 ST_{184}	16.3	X	324.91172	304.59070	16.80327	0.18713	0.0819420	0.18438858	3.0571262	21	7 1.7	20.2
210157 2006 SP_{199}	15.7	X	264.81175	81.61821	213.50725	0.47325	0.1429443	0.17166650	3.2063605	21	3 6.2	20.7
210158 2006 SH_{205}	16.1	X	153.57677	305.52461	187.18683	1.85627	0.0592854	0.18329799	3.0692405	21	7 12.5	20.7
210159 2006 SU_{219}	15.5	X	23.98508	86.16862	160.22244	9.83550	0.0328506	0.18328750	3.0693575	21	6 20.9	19.8
210160 2006 SR_{281}	15.1	X	182.53014	281.87656	165.99846	10.61391	0.0218380	0.18166708	3.0875824	21	6 19.3	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210161 2006 SG_{316}	15.5	X	331.15850	198.52965	41.97269	6.79543	0.0775437	0.17033888	3.2229992	21	3 31.2	19.7
210162 2006 SP_{319}	16.8	X	270.22589	172.44628	123.68551	3.81100	0.1934272	0.23926685	2.5696917	21	2 28.8	20.7
210163 2006 SH_{320}	15.9	X	78.13564	218.63226	93.92575	3.13767	0.0568612	0.20403134	2.8576220	21	11 29.4	20.0
210164 2006 SJ_{323}	15.6	X	139.59689	297.37877	183.72263	12.43355	0.0335855	0.17794380	3.1305031	21	6 10.6	20.3
210165 2006 SE_{341}	16.1	X	135.72523	248.12794	56.07799	5.01653	0.0516894	0.21386789	2.7693148	21	—	—
210166 2006 SX_{376}	15.8	X	313.11776	126.84092	114.19545	8.82660	0.1898385	0.23522276	2.5990611	21	2 7.4	19.2
210167 2006 SF_{383}	16.0	X	268.06998	188.08392	178.10221	15.58953	0.1190873	0.18276460	3.0752092	21	6 8.0	20.7
210168 2006 TM_{18}	15.5	X	293.03400	248.27230	73.17472	2.33885	0.1349311	0.17894145	3.1188567	21	5 10.0	19.7
210169 2006 TK_{19}	14.9	X	288.53487	305.70438	32.52471	19.22161	0.0407919	0.17754246	3.1352191	21	6 4.0	19.6
210170 2006 TN_{20}	15.1	X	330.41515	217.95132	39.02527	4.65277	0.0699468	0.17017453	3.2250739	21	4 18.9	19.3
210171 2006 TB_{40}	15.4	X	308.56117	267.08911	38.78593	9.63518	0.0572572	0.17522188	3.1628396	21	5 20.7	19.7
210172 2006 TD_{74}	15.4	X	260.86358	213.15151	136.62044	9.41056	0.1247601	0.17672554	3.1448735	21	5 11.6	20.2
210173 2006 TO_{82}	16.1	X	101.77859	265.62162	19.51026	11.35081	0.1238308	0.20180783	2.8785739	21	11 25.9	20.6
210174 Vossenkuhl	15.7	X	253.72905	272.98480	19.90548	13.12084	0.1520381	0.23254900	2.6189452	21	2 18.2	20.0
210175 2006 UL_{13}	15.9	X	337.87125	147.39201	166.56819	1.71672	0.1763794	0.18438663	3.0571478	21	7 3.9	19.3
210176 2006 UM_{57}	15.9	X	330.11019	211.55973	48.61160	4.14343	0.1012904	0.17219337	3.1998167	21	4 19.0	19.9
210177 2006 UL_{64}	16.0	X	341.63562	278.97728	32.38887	1.89138	0.0474892	0.18385973	3.0629857	21	7 16.4	19.9
210178 2006 UH_{74}	15.2	X	166.04391	341.33072	339.91661	4.60877	0.0620048	0.15342729	3.4556862	21	1 4.9	20.4
210179 2006 UH_{114}	16.5	X	52.98740	283.33334	29.83399	2.32359	0.0756203	0.19867977	2.9087091	21	10 31.7	20.5
210180 2006 UL_{174}	15.9	X	289.86737	26.27062	320.79662	4.42782	0.1472060	0.17990556	3.1077041	21	6 4.9	20.3
210181 2006 UB_{200}	15.6	X	358.27811	273.08230	37.49964	10.55704	0.0949509	0.18760439	3.0220900	21	8 14.3	19.5
210182 Mazzini	15.0	X	349.09895	348.15298	230.51307	13.82977	0.0091897	0.16901378	3.2398232	21	3 28.4	19.7
210183 2006 UZ_{247}	15.9	X	6.33022	26.46106	231.15281	3.33189	0.0843379	0.17818327	3.1276976	21	6 11.2	19.8
210184 2006 UD_{273}	14.2	X	153.78382	314.16366	264.54430	7.74608	0.1144665	0.12617007	3.9369977	21	10 19.7	20.4
210185 2006 UW_{332}	16.0	X	233.11293	219.28949	145.15353	11.06182	0.0857474	0.17243401	3.1968390	21	5 4.5	21.0
210186 2006 VC_{45}	15.8	X	327.47363	231.70773	64.18778	6.48748	0.1232776	0.17741082	3.1367697	21	5 27.8	19.5
210187 2006 VZ_{64}	14.6	X	74.56886	213.33214	77.88121	6.92818	0.0879034	0.12543363	3.9523925	21	10 25.6	20.2
210188 2006 VE_{137}	16.3	X	306.24623	290.77481	24.15043	1.37857	0.1798927	0.17564243	3.1577889	21	5 12.3	20.5
210189 2006 VS_{150}	15.1	X	121.61384	16.81452	358.67305	5.22276	0.0782562	0.15200873	3.4771522	21	1 22.2	20.1
210190 2006 WU_{69}	15.7	X	352.77817	320.16804	280.62931	3.73159	0.1033125	0.17319951	3.1874125	21	4 26.2	19.6
210191 2007 OT_{6}	14.6	X	167.87852	300.89160	61.13744	27.07998	0.3885283	0.17565497	3.1576386	21	3 21.9	21.0
210192 2007 PW_{14}	16.8	X	9.21038	255.37741	123.05071	6.17595	0.0884947	0.29434331	2.2382054	21	12 17.9	19.2
210193 2007 PX_{19}	16.8	X	239.25458	30.97170	339.71737	1.46885	0.2252395	0.26537852	2.3982376	21	4 27.9	20.6
210194 2007 PM_{20}	16.9	X	9.30756	222.53284	159.08494	7.43158	0.1538493	0.29306648	2.2447016	21	—	—
210195 2007 PP_{20}	16.8	X	223.72872	222.93288	149.81180	3.88591	0.2062914	0.26230914	2.4169098	21	4 20.2	20.7
210196 2007 PV_{20}	16.7	X	194.15369	42.90617	337.96731	1.81283	0.2024283	0.25747434	2.4470720	21	4 3.7	20.8
210197 2007 PJ_{22}	17.4	X	174.18053	236.62591	337.42688	16.42761	0.0858252	0.36628090	1.9346090	21	12 9.9	20.1
210198 2007 PR_{24}	16.7	X	3.37327	40.75037	317.39344	7.43612	0.1651824	0.28793940	2.2712694	21	11 15.1	18.9
210199 2007 PU_{24}	16.5	X	238.84443	114.05891	230.38463	1.66723	0.1939723	0.26116863	2.4239410	21	3 27.6	20.2
210200 2007 PJ_{25}	15.8	X	126.71578	201.57476	177.52360	15.59819	0.3137734	0.23764214	2.5813907	21	2 11.9	19.9
210201 2007 PU_{28}	16.4	X	312.15446	324.29898	343.76417	1.50312	0.0792917	0.19864974	2.9090022	21	5 25.1	20.3
210202 2007 PC_{29}	16.1	X	91.51941	290.37877	110.87637	15.29022	0.1702754	0.23965711	2.5669013	21	1 7.1	18.7
210203 2007 PP_{33}	16.3	X	270.89527	198.35972	116.46755	5.42291	0.2030668	0.26302051	2.4125499	21	3 22.6	20.0
210204 2007 PQ_{33}	15.7	X	116.02268	220.54050	168.66200	11.45234	0.2224615	0.23662641	2.5887726	21	2 2.1	19.3
210205 2007 PA_{37}	16.7	X	233.36014	213.71024	166.74612	5.34134	0.1916183	0.26706790	2.3881133	21	5 9.2	20.5
210206 2007 PL_{39}	17.0	X	75.37743	189.38823	157.55421	4.94597	0.1939998	0.29888405	2.2154786	21	—	—
210207 2007 QV	17.3	X	100.57926	48.37847	250.45042	3.34746	0.1727228	0.30005866	2.2096930	21	—	—
210208 2007 QX_{7}	17.3	X	300.05406	323.09253	19.61095	2.74890	0.2040945	0.27274978	2.3548311	21	5 30.9	20.0
210209 2007 QC_{8}	16.6	X	297.03294	207.85208	94.25487	2.35294	0.1731395	0.26614467	2.3936328	21	4 6.5	19.5
210210 Songjian	17.8	X	84.25619	352.05918	8.03502	2.66993	0.1785179	0.30418029	2.1896868	21	—	—
210211 2007 QZ_{12}	16.2	X	313.08750	56.43136	285.77281	1.63045	0.0789186	0.19405306	2.9547612	21	7 12.2	20.0
210212 2007 RP_{1}	17.4	X	91.11324	4.36185	357.27789	8.04460	0.1964442	0.30476582	2.1868813	21	—	—
210213 Hasler–Gloor	16.7	X	122.26014	60.92720	241.08676	12.58863	0.2813008	0.23248359	2.6194364	21	—	—
210214 2007 RB_{27}	15.8	X	95.83091	16.94437	30.67534	6.81851	0.2128400	0.24320469	2.5418783	21	1 31.1	18.8
210215 2007 RQ_{30}	14.6	X	356.95732	48.90213	315.57298	24.95191	0.1087640	0.21567482	2.7538255	21	10 6.9	18.5
210216 2007 RA_{32}	16.6	X	16.62123	246.56212	106.93078	7.12188	0.1321982	0.28980590	2.2615068	21	11 30.5	19.0
210217 2007 RZ_{32}	16.7	X	283.91627	218.23919	101.95054	5.97345	0.2123145	0.26645776	2.3917574	21	4 11.4	20.1
210218 2007 RX_{37}	16.6	X	242.49472	233.47341	154.36159	6.27626	0.1785171	0.26621866	2.3931893	21	5 28.7	20.3
210219 2007 RC_{47}	17.8	X	72.42358	89.10613	7.92790	4.24728	0.1675255	0.24273783	2.5451364	21	2 21.3	20.4
210220 2007 RN_{54}	16.6	X	61.67648	41.72059	321.71354	6.64271	0.1435090	0.22658525	2.6646999	21	—	—
210221 2007 RR_{60}	17.3	X	343.36702	140.96656	247.84080	1.89896	0.1651985	0.28763015	2.2728971	21	11 25.4	18.9
210222 2007 RT_{89}	16.3	X	344.49495	254.14106	174.86291	2.24385	0.0645708	0.22315530	2.6919351	21	12 27.7	19.6
210223 2007 RC_{92}	17.4	X	51.81364	227.75085	52.99477	3.76861	0.1083419	0.28149058	2.3058274	21	10 5.4	20.0
210224 2007 RX_{93}	17.3	X	266.12572	336.70542	126.94639	1.76950	0.0931950	0.28385263	2.2930179	21	10 26.1	19.7
210225 2007 RA_{97}	17.3	X	110.58837	331.18996	195.00991	1.02520	0.1056372	0.26746872	2.3857268	21	7 11.3	20.5
210226 2007 RZ_{98}	16.0	X	320.12543	331.46533	60.07150	5.95112	0.1327581	0.20899318	2.8122115	21	9 28.3	19.2
210227 2007 RJ_{103}	16.9	X	253.30249	144.76615	197.47625	4.48482	0.2498382	0.26219788	2.4175934	21	4 3.3	20.9
210228 2007 RT_{111}	17.4	X	270.07894	272.46758	173.35554	5.24860	0.1223563	0.28135732	2.3065554	21	9 30.9	20.0
210229 2007 RA_{113}	16.9	X	270.55691	200.69022	175.31815	6.71647	0.1237645	0.26995878	2.3710338	21	6 20.1	20.0
210230 Linyuanpei	16.2	X	169.70385	226.18539	181.21555	5.82028	0.1056003	0.25610780	2.4557690	21	4 12.0	19.7
210231 Wangdemin	17.0	X	218.71949	336.52331	29.64945	2.27206	0.1869247	0.25896765	2.4376557	21	4 7.3	20.8
210232 Zhangjinqiu	17.1	X	37.34010	265.64235	125.10680	3.04544	0.2340630	0.22553085	2.6729987	21	—	—
210233 2007 RV_{129}	16.8	X	272.65560	347.41378	34.27014	3.03814	0.2101992	0.27060070	2.3672826	21	6 17.6	19.9
210234 2007 RW_{137}	15.6	X	150.75928	66.46917	319.58308	2.32118	0.1840186	0.17735146	3.1374697	21	3 10.1	20.6
210235 2007 RC_{142}	15.1	X	155.19830	16.47075	25.58191	17.48031	0.2130636	0.17705500	3.1409709	21	4 6.2	20.3
210236 2007 RN_{146}	16.5	X	279.17163	198.14783	137.23217	1.90315	0.1980696	0.26666138	2.3905397	21	4 25.7	19.9
210237 2007 RQ_{154}	12.7	X	27.89705	161.92929	210.61689	6.88952	0.0560031	0.08089810	5.2947302	21	11 18.7	19.5
210238 2007 RX_{162}	17.1	X	180.15325	254.24188	222.25822	1.51127	0.1292689	0.27282371	2.3544057	21	7 23.0	20.7
210239 2007 RQ_{173}	16.9	X	164.58858	213.92638	111.32173	4.09390	0.0809995	0.23980767	2.5658268	21	—	—
210240 2007 RJ_{180}	16.1	X	353.23450	58.91891	342.99729	3.62690	0.1075943	0.21812280	2.7331828	21	12 7.2	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210241 2007 RM_{194}	17.4	X	174.83749	7.18081	14.85295	3.63695	0.1472435	0.25171875	2.4842330	21	3 18.6	21.1
210242 2007 RD_{203}	16.6	X	138.78506	238.06204	202.86781	0.83370	0.1755812	0.18133603	3.0913391	21	5 2.8	21.5
210243 2007 RB_{205}	17.2	X	96.71309	52.36331	259.67096	2.85924	0.1633202	0.29702254	2.2247256	21	—	—
210244 2007 RH_{209}	16.1	X	107.94540	117.10531	17.78829	11.99610	0.1070131	0.26008113	2.4306933	21	5 22.0	19.5
210245 Castets	16.8	X	236.82478	64.46645	339.52313	1.97437	0.1811560	0.26643409	2.3918991	21	6 11.6	20.5
210246 2007 RC_{234}	15.8	X	8.08640	262.10313	126.92581	8.86303	0.1467854	0.21952453	2.7215355	21	12 19.9	19.1
210247 2007 RJ_{234}	16.6	X	169.23974	285.19144	127.15726	5.40098	0.1753987	0.25476196	2.4644102	21	4 23.5	20.6
210248 2007 RV_{235}	17.1	X	210.76662	80.46828	312.69458	1.90057	0.1859094	0.25950660	2.4342795	21	5 3.2	21.1
210249 2007 RH_{241}	15.7	X	40.93101	248.88963	176.73702	14.53683	0.0814983	0.22997433	2.6384557	21	—	—
210250 2007 RY_{242}	16.8	X	189.52148	345.42040	56.93047	2.12994	0.1868724	0.25819227	2.4425337	21	4 27.2	20.6
210251 2007 RT_{243}	15.6	X	98.23330	229.09967	166.05969	22.12754	0.0705462	0.23339799	2.6125903	21	—	—
210252 2007 RF_{257}	16.2	X	161.28478	29.49668	122.60802	2.88353	0.0508147	0.20515289	2.8471977	21	8 16.3	20.2
210253 2007 RM_{270}	16.3	X	40.04857	303.43657	61.00827	1.29467	0.0850549	0.21401814	2.7680185	21	12 22.6	19.8
210254 2007 RG_{275}	16.4	X	8.28996	271.68565	195.08521	9.69426	0.1017070	0.23244859	2.6196993	21	—	—
210255 2007 RY_{283}	16.8	X	354.23363	304.69475	181.79040	6.69959	0.2201688	0.23163411	2.6258366	21	—	—
210256 2007 RO_{284}	17.0	X	315.69797	211.21314	167.97887	2.31440	0.0827731	0.20565436	2.8425674	21	9 4.7	20.3
210257 2007 RK_{285}	16.9	X	138.20511	356.90096	136.75001	1.82746	0.1158630	0.26469298	2.4023767	21	6 30.7	20.3
210258 2007 RW_{285}	16.0	X	221.84869	243.38843	146.20430	2.01403	0.1037732	0.18586523	3.0409127	21	5 18.2	20.6
210259 2007 RO_{290}	16.0	X	178.69841	238.08861	210.79412	2.37978	0.1011123	0.18592929	3.0402141	21	6 16.2	20.6
210260 2007 RE_{291}	16.1	X	56.59471	170.70391	217.13595	3.49452	0.1069061	0.22264827	2.6960204	21	—	—
210261 2007 RM_{292}	17.0	X	343.69113	234.73206	129.07020	0.80778	0.0844326	0.21036487	2.7999734	21	9 29.6	20.3
210262 2007 RP_{295}	17.4	X	58.33999	38.44616	159.81813	2.75930	0.1167110	0.26069054	2.4269036	21	6 14.0	20.1
210263 2007 RC_{303}	16.3	X	37.08718	297.75658	59.21411	5.19951	0.0845193	0.21386601	2.7693311	21	12 9.0	20.0
210264 2007 SY_{2}	16.7	X	175.21584	156.65948	257.69830	1.60344	0.1866598	0.25798494	2.4438421	21	4 28.9	20.6
210265 2007 SM_{5}	15.8	X	33.14713	275.51069	83.69373	6.13811	0.1731480	0.21844229	2.7305171	21	12 20.9	19.4
210266 2007 SA_{6}	17.0	X	3.35034	155.79017	226.57896	2.85458	0.0851500	0.28910131	2.2651798	21	12 12.2	19.2
210267 2007 SD_{17}	17.2	X	301.52177	281.14967	147.95472	3.42990	0.0312239	0.28844120	2.2686344	21	11 9.5	19.7
210268 2007 ST_{18}	16.8	X	262.37344	211.36814	145.73339	6.95955	0.1272921	0.26491533	2.4010322	21	5 16.1	20.2
210269 2007 SB_{19}	16.0	X	291.38501	32.92062	15.71999	10.67136	0.0872337	0.20272251	2.8699086	21	9 10.6	19.8
210270 2007 TL_{2}	16.1	X	183.64549	259.25768	200.04730	2.68042	0.1215639	0.18992424	2.9974304	21	7 3.8	20.9
210271 Samarkand	17.3	X	340.93370	109.45921	7.75219	2.95153	0.1532506	0.22950691	2.6420369	21	—	—
210272 2007 TM_{7}	16.8	X	107.94914	334.15570	356.45119	3.21980	0.1734258	0.29949761	2.2124518	21	—	—
210273 2007 TD_{8}	16.8	X	46.90795	245.49793	94.52439	4.99511	0.1603762	0.29120234	2.2542711	21	12 27.3	19.6
210274 2007 TH_{9}	17.1	X	256.60380	233.50121	179.58645	4.63536	0.0973931	0.27299255	2.3534349	21	7 27.2	20.1
210275 2007 TA_{12}	15.8	X	78.46460	160.98203	209.43445	4.69430	0.1863707	0.22875892	2.6477930	21	—	—
210276 2007 TU_{12}	16.8	X	5.88965	201.15740	114.52373	1.50811	0.2135809	0.27771854	2.3266593	21	9 21.8	18.4
210277 2007 TW_{13}	16.8	X	322.53421	201.39893	187.70514	6.60192	0.1067781	0.28013406	2.3132653	21	10 10.1	18.9
210278 2007 TJ_{29}	16.3	X	197.00241	261.24495	187.14413	1.16189	0.1975517	0.19086496	2.9875734	21	7 1.4	21.3
210279 2007 TS_{29}	16.4	X	294.51147	254.96501	206.29895	4.16715	0.0697292	0.21525244	2.7574268	21	11 24.3	19.7
210280 2007 TS_{39}	16.8	X	33.49991	203.52219	118.67769	1.42250	0.0694523	0.20911103	2.8111548	21	10 18.7	20.4
210281 2007 TV_{43}	16.1	X	336.81930	11.19425	48.64458	5.72753	0.1107775	0.21381517	2.7697700	21	12 3.2	19.1
210282 2007 TW_{43}	16.6	X	72.68808	149.15653	64.76584	2.94885	0.1632722	0.26328266	2.4109482	21	8 7.6	19.5
210283 2007 TX_{43}	16.4	X	184.76159	335.44416	61.80554	2.77360	0.2000712	0.18016976	3.1046653	21	4 22.2	21.7
210284 2007 TZ_{50}	16.8	X	3.06251	47.16547	5.03845	0.68309	0.0900888	0.22017577	2.7161664	21	—	—
210285 2007 TS_{52}	16.8	X	333.75300	277.28397	210.34695	1.61658	0.0619410	0.22784710	2.6548524	21	—	—
210286 2007 TZ_{55}	16.5	X	11.48466	188.72367	255.01340	1.58511	0.0441663	0.22690310	2.6622107	21	—	—
210287 2007 TM_{60}	17.4	X	150.80188	147.16285	278.66021	1.93140	0.1602925	0.25552188	2.4595217	21	4 18.4	21.0
210288 2007 TN_{60}	17.0	X	49.22650	119.71611	289.56107	2.60202	0.0990253	0.23345205	2.6121870	21	—	—
210289 2007 TT_{67}	16.1	X	337.80171	269.34100	107.74218	4.89894	0.1190879	0.20927529	2.8096836	21	10 10.1	19.3
210290 Borsellino	15.7	X	240.77518	215.85820	205.27315	9.35866	0.0868837	0.19587065	2.9364536	21	7 16.7	20.1
210291 2007 TE_{72}	16.3	X	259.90865	93.28848	328.31739	0.86271	0.0550555	0.19850546	2.9104116	21	8 16.7	20.2
210292 Mayongsheng	15.4	X	238.29322	270.36410	260.80652	8.12265	0.0932474	0.21581517	2.7526315	21	12 3.7	19.0
210293 2007 TD_{80}	16.5	X	166.78791	266.78879	75.90054	3.31899	0.0702759	0.24171167	2.5523348	21	1 14.9	20.1
210294 2007 TT_{92}	15.9	X	336.27035	274.80249	182.47877	11.18023	0.0923143	0.22341468	2.6898511	21	—	—
210295 2007 TM_{94}	15.9	X	119.76567	184.21822	242.97315	7.06329	0.2814693	0.17439830	3.1727892	21	4 7.2	21.0
210296 2007 TX_{94}	16.0	X	45.75644	220.55084	187.49893	13.71344	0.1268484	0.22746489	2.6578255	21	—	—
210297 2007 TF_{97}	17.3	X	341.21290	294.57846	182.63885	4.03127	0.0793103	0.30185233	2.2009307	21	—	—
210298 2007 TE_{105}	16.7	X	357.76772	105.61879	33.31844	5.54187	0.0828420	0.23102029	2.6304858	21	—	—
210299 2007 TE_{109}	16.9	X	9.95105	16.33612	271.22792	3.17549	0.1977732	0.27550641	2.3390971	21	8 8.8	18.5
210300 2007 TP_{113}	16.1	X	37.78781	222.93975	105.88156	6.96124	0.0941415	0.21367252	2.7710026	21	11 8.4	19.8
210301 2007 TX_{123}	16.2	X	110.39208	279.94758	54.04750	4.09139	0.0934586	0.22817138	2.6523364	21	—	—
210302 2007 TR_{126}	16.3	X	3.08843	323.39271	64.14160	2.92722	0.0664326	0.21464525	2.7626245	21	11 29.1	19.8
210303 2007 TP_{141}	16.9	X	307.97607	46.24685	123.33025	2.76959	0.0230915	0.23108711	2.6299787	21	—	—
210304 2007 TN_{143}	16.6	X	24.07913	256.80988	182.96770	2.63020	0.1291363	0.23120977	2.6290485	21	—	—
210305 2007 TP_{146}	16.7	X	316.67987	325.52144	24.21791	3.52815	0.1946200	0.27233861	2.3572008	21	7 14.6	18.9
210306 2007 TQ_{149}	15.2	X	169.32427	5.24276	53.63072	19.38192	0.1634240	0.17824471	3.1269789	21	5 5.4	20.4
210307 2007 TJ_{151}	15.6	X	218.80386	77.39725	265.75915	5.25524	0.1010888	0.18391108	3.0624155	21	3 16.8	20.5
210308 2007 TX_{154}	17.0	X	85.38879	89.57805	220.15924	3.21431	0.1056155	0.29228932	2.2486787	21	12 25.2	20.0
210309 2007 TZ_{155}	15.9	X	15.84031	27.46644	8.98467	11.85313	0.1483908	0.22021230	2.7158659	21	—	—
210310 2007 TQ_{156}	16.6	X	317.49124	11.33015	297.86213	1.75719	0.1849204	0.26774966	2.3840577	21	5 13.1	19.2
210311 2007 TS_{156}	15.9	X	341.76695	94.01633	293.74792	1.71597	0.0883876	0.21210933	2.7846004	21	10 28.1	19.2
210312 2007 TQ_{160}	15.9	X	101.49386	344.01355	28.71565	9.11081	0.1203321	0.23036116	2.6355012	21	—	—
210313 2007 TM_{165}	17.0	X	339.47007	341.50313	2.83452	2.52392	0.1979760	0.27572701	2.3378493	21	8 30.9	18.4
210314 2007 TB_{167}	16.7	X	71.48740	23.65873	351.23399	3.51680	0.1002491	0.22855000	2.6494063	21	—	—
210315 2007 TW_{190}	17.2	X	196.30276	189.28995	215.86634	1.29194	0.1209721	0.26215483	2.4178581	21	5 6.3	20.6
210316 2007 TZ_{213}	16.5	X	344.26166	141.45884	267.10462	3.04921	0.0967164	0.21431007	2.7655042	21	11 30.2	19.8
210317 2007 TM_{217}	15.7	X	148.45098	141.73506	343.27866	2.84624	0.0289152	0.18839944	3.0135817	21	6 25.1	19.9
210318 2007 TS_{218}	16.5	X	35.95794	199.08567	239.60931	2.24318	0.0399789	0.22881694	2.6473453	21	—	—
210319 2007 TG_{228}	16.7	X	232.63595	155.97513	8.11574	2.49353	0.1172243	0.21380530	2.7698553	21	11 14.1	20.5
210320 2007 TM_{231}	16.4	X	127.98122	5.21514	113.88907	2.09857	0.2028625	0.18323237	3.0699732	21	6 10.4	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210321 2007 TG_{232}	16.7	X	64.73530	168.70721	203.00699	2.37585	0.0903250	0.22293417	2.6937149	21	—	—
210322 2007 TR_{239}	16.4	X	65.90270	305.98852	38.43547	7.01858	0.0357346	0.21701820	2.7424493	21	12 23.2	20.2
210323 2007 TW_{241}	15.6	X	153.22796	81.78090	328.98520	8.46382	0.1810086	0.17790204	3.1309931	21	4 6.9	20.7
210324 2007 TH_{245}	15.9	X	38.20711	59.38304	309.40350	8.18599	0.1734004	0.22033759	2.7148363	21	—	—
210325 2007 TD_{246}	16.8	X	122.18215	107.83094	307.56528	3.06847	0.0482551	0.24442889	2.5333840	21	2 17.9	20.0
210326 2007 TJ_{255}	16.2	X	76.53420	351.67074	338.29124	4.78791	0.0671296	0.22064355	2.7123261	21	12 23.0	20.0
210327 2007 TW_{260}	17.5	X	292.03393	148.28972	138.28900	1.88111	0.1840462	0.25629222	2.4545908	21	3 9.8	20.8
210328 2007 TV_{278}	16.7	X	346.91011	38.19588	3.98479	6.33065	0.0503210	0.21656548	2.7462700	21	11 22.4	20.2
210329 2007 TZ_{278}	17.0	X	58.56748	48.38658	358.53063	5.37214	0.0861385	0.23140260	2.6275877	21	—	—
210330 2007 TG_{281}	17.6	X	289.21415	225.02951	344.49907	4.31002	0.0806067	0.31224753	2.1518073	21	—	—
210331 2007 TE_{303}	16.6	X	20.00898	74.95064	9.70927	0.90956	0.0566929	0.22837345	2.6507716	21	—	—
210332 2007 TP_{317}	16.3	X	37.90347	273.98560	47.63020	3.03351	0.0765415	0.20828165	2.8186125	21	10 24.6	19.8
210333 2007 TC_{318}	16.6	X	248.29299	86.80050	183.45880	1.40255	0.1498807	0.24051327	2.5608060	21	1 9.9	20.6
210334 2007 TH_{355}	15.8	X	34.30753	246.96226	159.84381	14.86831	0.1987833	0.22510647	2.6763571	21	—	—
210335 2007 TT_{367}	16.3	X	278.86514	66.22026	53.78817	4.37853	0.0473506	0.21250449	2.7811472	21	11 27.6	19.9
210336 2007 TT_{380}	16.3	X	301.78883	265.30728	180.39887	3.80496	0.0699613	0.21356538	2.7719293	21	11 14.7	19.7
210337 2007 TY_{380}	17.3	X	355.85448	217.43922	88.91322	2.46175	0.1843725	0.27354757	2.3502504	21	8 6.3	18.7
210338 2007 TQ_{381}	16.5	X	96.26106	176.50824	153.75037	3.39825	0.0824861	0.22403761	2.6848628	21	—	—
210339 2007 TD_{382}	16.1	X	255.53728	191.72945	50.35612	10.62962	0.1588696	0.23689475	2.5868173	21	—	—
210340 2007 TZ_{382}	15.1	X	285.97514	151.73018	208.49518	1.35307	0.2974878	0.12467783	3.9683494	21	5 29.2	20.7
210341 2007 TB_{386}	15.4	X	207.00047	282.40539	111.08814	10.03337	0.1398391	0.18627440	3.0364579	21	5 9.8	20.4
210342 2007 TS_{388}	16.6	X	117.36120	327.33399	179.92177	6.64248	0.0749254	0.26273742	2.4142826	21	6 19.6	19.9
210343 2007 TX_{410}	17.0	X	117.35751	306.72502	224.25944	2.81989	0.0613499	0.26694048	2.3888731	21	7 20.5	20.1
210344 2007 TV_{428}	17.3	X	50.08132	231.71787	6.47983	0.95926	0.1391126	0.26471955	2.4022159	21	8 3.4	19.9
210345 2007 UQ	15.6	X	140.55535	56.81145	44.09527	10.11037	0.1424204	0.18212369	3.0824196	21	5 24.8	20.5
210346 2007 UM_{1}	16.4	X	312.00553	93.18337	341.02246	0.55385	0.0528834	0.21425702	2.7659607	21	11 14.8	19.8
210347 2007 UT_{1}	16.5	X	52.93297	173.02092	44.67733	6.89587	0.0790205	0.26003997	2.4309497	21	6 28.2	19.3
210348 2007 UY_{3}	16.2	X	302.50783	337.99499	203.06069	8.48215	0.0351587	0.23405066	2.6077311	21	—	—
210349 2007 UJ_{4}	15.7	X	273.82087	260.40051	232.33091	7.93974	0.1021406	0.21672176	2.7449496	21	12 1.2	19.2
210350 Mariolisa	15.8	X	41.81470	248.71633	173.52995	12.38515	0.1534399	0.22923064	2.6441592	21	—	—
210351 2007 UG_{10}	16.6	X	88.06987	305.32375	151.70401	7.62007	0.1547278	0.24559905	2.5253307	21	3 16.6	19.6
210352 2007 UG_{11}	15.5	X	145.44138	298.76479	107.43535	12.48353	0.2322762	0.17417301	3.1755245	21	4 8.3	21.0
210353 2007 US_{18}	17.4	X	352.56437	97.04684	16.57288	3.04951	0.1293896	0.22929056	2.6436986	21	—	—
210354 2007 UV_{19}	17.0	X	280.89949	31.03569	183.69807	3.10331	0.1236448	0.23789380	2.5795699	21	—	—
210355 2007 UF_{36}	16.6	X	232.39413	287.72391	157.90880	5.60398	0.1087881	0.27316265	2.3524578	21	8 9.6	19.8
210356 2007 UP_{41}	16.4	X	5.00792	79.36605	48.00343	3.57585	0.1213910	0.23169089	2.6254076	21	—	—
210357 2007 UE_{47}	16.9	X	122.30745	15.81562	326.22897	1.64229	0.1342266	0.23240702	2.6200116	21	—	—
210358 2007 UN_{48}	16.9	X	220.40533	276.27307	113.50936	2.40955	0.0261476	0.25560787	2.4589700	21	5 18.1	20.0
210359 2007 UO_{49}	16.6	X	14.98263	48.46088	197.27258	5.57459	0.0860322	0.25775808	2.4452758	21	6 5.8	19.2
210360 2007 UR_{54}	17.1	X	5.90435	159.14419	243.64451	1.26261	0.0861292	0.21684217	2.7439333	21	12 25.5	20.4
210361 2007 UB_{60}	16.7	X	80.31820	177.76375	264.04676	1.24152	0.1139224	0.23786386	2.5797864	21	2 5.2	19.5
210362 2007 UF_{61}	16.2	X	57.86574	135.01616	189.29440	1.54249	0.0700735	0.21202272	2.7853586	21	11 22.7	19.8
210363 2007 UA_{88}	16.0	X	155.15655	125.91270	356.55266	1.66936	0.1094766	0.18617903	3.0374948	21	7 4.4	20.8
210364 2007 UX_{91}	16.2	X	278.48089	270.20564	231.43839	3.97758	0.1026223	0.21733818	2.7397570	21	12 19.4	19.6
210365 2007 UZ_{98}	16.5	X	3.15665	278.30335	116.77099	0.41098	0.0753397	0.21368278	2.7709139	21	12 9.7	20.0
210366 2007 UU_{111}	16.7	X	7.86736	114.83399	117.86500	0.26893	0.1199322	0.25786981	2.4445695	21	5 2.3	19.0
210367 2007 UM_{113}	16.1	X	68.72383	186.42767	298.15375	0.61475	0.0730412	0.17227236	3.1988385	21	3 22.7	20.4
210368 2007 UZ_{115}	15.1	X	150.07428	44.54603	65.65167	10.93671	0.0369224	0.18473150	3.0533418	21	6 8.0	19.4
210369 2007 UK_{128}	17.3	X	19.82107	182.10098	94.46744	2.29893	0.1749307	0.26754814	2.3852547	21	8 12.1	19.3
210370 2007 VV_{11}	16.2	X	177.53881	43.88694	280.18367	4.42827	0.1590571	0.23693899	2.5864953	21	1 11.3	20.2
210371 2007 VL_{25}	15.4	X	243.90124	42.44557	335.82529	9.75062	0.1261586	0.18802554	3.0175755	21	5 22.1	20.2
210372 2007 VR_{34}	16.2	X	10.84053	254.31133	93.54648	3.14231	0.0855504	0.20584690	2.8407946	21	10 21.5	19.7
210373 2007 VX_{38}	17.0	X	102.57656	182.80942	174.13074	7.02274	0.1499803	0.30018707	2.2090628	21	—	—
210374 2007 VG_{39}	16.1	X	291.95355	98.93878	25.94639	2.00621	0.0455655	0.21777457	2.7360957	21	12 23.3	19.5
210375 2007 VG_{58}	16.5	X	70.67847	125.34898	101.31500	7.25988	0.0905297	0.26432261	2.4046203	21	8 11.6	19.4
210376 2007 VV_{62}	16.5	X	95.77998	244.74838	44.08560	7.26479	0.1211605	0.28385342	2.2930136	21	12 8.6	19.8
210377 2007 VB_{63}	16.1	X	209.70194	146.28309	62.55548	5.76832	0.0425910	0.21507974	2.7589026	21	12 22.7	19.9
210378 2007 VD_{63}	16.4	X	25.91665	331.80843	51.30592	2.76696	0.0911673	0.21510554	2.7586821	21	12 28.8	20.0
210379 2007 VN_{80}	15.7	X	287.77038	56.19372	214.48589	0.60080	0.0521503	0.17182188	3.2044272	21	3 13.5	20.3
210380 2007 VB_{85}	15.6	X	217.54427	41.75874	9.96054	8.79078	0.0944745	0.19021912	2.9943319	21	6 8.9	20.3
210381 2007 VB_{87}	16.3	X	350.48139	122.57973	309.36850	5.28415	0.0343088	0.21958407	2.7210436	21	—	—
210382 2007 VB_{88}	15.3	X	73.38501	77.95231	345.53282	7.69273	0.1300748	0.16008983	3.3591306	21	1 24.9	19.7
210383 2007 VF_{96}	16.2	X	43.62870	314.81393	77.06587	6.91531	0.0544938	0.22280464	2.6947588	21	—	—
210384 2007 VL_{98}	16.0	X	244.09279	80.38211	316.29156	3.43539	0.1685106	0.19210979	2.9746535	21	6 12.4	20.7
210385 2007 VE_{110}	16.5	X	210.48360	359.35247	38.45108	1.28979	0.0754011	0.18302906	3.0722462	21	5 17.3	21.0
210386 2007 VW_{118}	16.7	X	110.39036	210.06977	123.28428	3.93183	0.0956565	0.22311085	2.6922926	21	—	—
210387 2007 VQ_{129}	17.3	X	54.21702	80.94585	148.84464	1.69652	0.1396951	0.26642971	2.3919253	21	7 28.2	19.8
210388 2007 VK_{130}	16.3	X	229.76110	314.47787	77.50653	3.22496	0.0692664	0.18894271	3.0078023	21	5 31.8	20.7
210389 2007 VA_{149}	17.6	X	167.17339	106.94351	208.02453	1.84330	0.2341691	0.30719067	2.1753578	21	—	—
210390 2007 VC_{149}	15.6	X	234.78251	307.97335	67.31848	7.27192	0.1401060	0.18503474	3.0500049	21	5 11.5	20.4
210391 2007 VN_{164}	16.9	X	43.18053	4.94673	243.41959	2.26482	0.1371685	0.26271526	2.4144183	21	8 5.2	19.3
210392 2007 VU_{167}	16.5	X	255.88798	231.67007	1.66540	2.30835	0.0868141	0.22795839	2.6539883	21	—	—
210393 2007 VN_{179}	16.2	X	192.33860	226.47743	127.61441	2.20542	0.0853227	0.17457836	3.1706072	21	3 8.2	20.9
210394 2007 VQ_{180}	15.6	X	41.03223	249.04873	70.85015	5.36125	0.0646598	0.21038938	2.7997559	21	10 26.6	19.2
210395 2007 VR_{185}	16.7	X	327.20152	313.06609	350.89609	2.38837	0.0545395	0.26049023	2.4281476	21	6 11.9	19.5
210396 2007 VY_{196}	17.6	X	249.99694	80.79413	309.29612	1.61261	0.0340406	0.26477209	2.4018981	21	6 25.8	20.4
210397 2007 VH_{224}	15.9	X	23.70732	183.93086	199.61925	5.20702	0.0492095	0.21480022	2.7612956	21	12 20.4	19.6
210398 2007 VM_{238}	15.9	X	118.76151	273.21442	66.69990	4.03655	0.1603160	0.22740055	2.6583269	21	—	—
210399 2007 VV_{240}	14.7	X	130.27610	327.20849	87.40461	21.69450	0.0933413	0.16964121	3.2318298	21	3 28.0	19.9
210400 2007 VE_{245}	15.8	X	75.74889	77.42605	66.81318	7.13787	0.0882728	0.17498347	3.1657118	21	4 29.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210401 2007 VY_{253}	17.3	X	7.60196	233.45025	152.41414	7.13657	0.0998088	0.28690225	2.2767399	21	12 25.4	19.8
210402 2007 VJ_{254}	15.6	X	183.24681	233.11124	159.47742	11.41061	0.1302288	0.17724742	3.1386973	21	4 16.8	20.7
210403 2007 VW_{264}	15.8	X	143.68958	174.74698	19.07352	1.98944	0.0549220	0.19715658	2.9236712	21	9 17.8	20.0
210404 2007 VO_{299}	15.1	X	47.77852	15.68854	140.01829	12.45805	0.0799830	0.17241349	3.1970927	21	4 6.9	19.4
210405 2007 VG_{300}	15.0	X	185.16760	291.34476	145.62542	22.60551	0.1030194	0.18593785	3.0401208	21	6 11.8	20.2
210406 2007 VG_{308}	17.0	X	319.44150	337.26031	326.07049	0.99289	0.1834428	0.25885933	2.4383357	21	5 8.9	19.5
210407 2007 VS_{315}	16.2	X	220.85761	336.37650	313.47197	6.29003	0.1456801	0.23990331	2.5651448	21	1 9.6	20.2
210408 2007 WF_{6}	15.5	X	234.51302	128.66047	273.93367	10.78838	0.0677890	0.18781080	3.0198752	21	6 19.9	19.9
210409 2007 WD_{7}	16.8	X	198.59891	210.86067	37.13158	6.94381	0.1166730	0.29513431	2.2342045	21	—	—
210410 2007 WX_{11}	14.8	X	119.02038	28.55571	95.47998	22.63147	0.0408490	0.17159771	3.2072173	21	5 26.3	19.6
210411 2007 WN_{58}	16.7	X	227.32294	125.87171	296.15923	0.81730	0.0651943	0.18918149	3.0052709	21	7 6.6	20.9
210412 2007 WD_{60}	16.2	X	278.34845	163.11278	98.38858	5.09535	0.1736170	0.24209051	2.5496713	21	1 26.5	20.0
210413 2007 XL_{4}	15.9	X	34.67210	277.72684	95.26193	6.19705	0.0896865	0.21408315	2.7674581	21	12 27.1	19.5
210414 Gebartolomei	17.0	X	163.73659	145.02450	90.20838	3.56400	0.1387075	0.28694905	2.2764923	21	12 9.8	20.4
210415 2007 XD_{6}	16.1	X	62.82494	239.50477	152.34810	6.00656	0.0374463	0.22367916	2.6877304	21	—	—
210416 2007 XJ_{7}	16.1	X	216.93534	293.61969	49.11988	2.28602	0.1676690	0.17485718	3.1672359	21	3 17.1	21.2
210417 2007 XW_{10}	16.5	X	168.69042	335.68480	89.73524	0.15360	0.1766860	0.17895640	3.1186829	21	5 11.1	21.6
210418 2007 XZ_{12}	17.1	X	145.09271	263.58575	9.71780	3.67428	0.1389564	0.29196858	2.2503253	21	—	—
210419 2007 XK_{41}	16.1	X	350.22417	95.44034	293.33552	3.89503	0.0841575	0.21024320	2.8010536	21	11 10.8	19.6
210420 2007 XP_{44}	16.0	X	337.04510	239.77252	112.36912	3.47444	0.0737471	0.19661199	2.9290676	21	9 2.6	19.7
210421 Freundtamás	16.6	X	256.65874	138.41186	51.13011	2.85775	0.0244509	0.21969686	2.7201122	21	—	—
210422 2007 YP_{15}	16.4	X	154.34655	39.60315	314.62349	2.58672	0.2184629	0.23631077	2.5910773	21	1 31.3	20.4
210423 2007 YW_{51}	15.5	X	320.21121	198.68166	106.10595	4.98114	0.0913519	0.18411154	3.0601923	21	6 1.9	19.5
210424 2008 AO_{7}	15.4	X	24.93034	137.40431	141.24872	2.47668	0.0595590	0.18317861	3.0705739	21	8 5.5	19.2
210425 Imogene	15.6	X	202.19199	309.46697	138.06816	8.51363	0.0909981	0.18283904	3.0743744	21	7 8.7	20.3
210426 2008 AV_{72}	16.1	X	0.24606	307.51087	47.55970	2.66261	0.0819722	0.20275559	2.8695965	21	10 13.2	19.4
210427 2008 EB_{93}	15.6	X	333.71108	19.41561	80.25237	12.89576	0.0337899	0.21879734	2.7275624	21	—	—
210428 2008 SM_{168}	15.8	X	25.38848	207.55539	217.56498	11.16529	0.2099733	0.23880660	2.5729924	21	—	—
210429 2008 UG_{230}	16.0	X	250.27452	322.73331	153.31087	2.38708	0.1907102	0.21070790	2.7969337	21	9 26.4	19.9
210430 2008 WO_{79}	16.2	X	189.28008	328.91425	159.11739	4.43055	0.0472537	0.20927884	2.8096518	21	8 17.4	20.2
210431 2008 WH_{82}	15.2	X	197.34144	98.41031	212.70083	8.51214	0.0622354	0.17466384	3.1695726	21	1 18.9	20.1
210432 Dietmarhopp	15.5	X	99.29595	24.41862	93.25743	18.09590	0.0736440	0.17997815	3.1068684	21	4 30.6	20.2
210433 Ullithiele	16.7	X	253.40599	293.47214	116.18205	3.13245	0.0574575	0.19926094	2.9030506	21	7 23.4	20.8
210434 Fungyuancheng	15.2	X	143.25545	331.44935	119.28009	12.60955	0.0396403	0.18497824	3.0506259	21	5 11.7	19.8
210435 2008 YD_{26}	15.0	X	140.77249	125.43998	322.89225	15.35845	0.0332190	0.17971821	3.1098635	21	4 23.1	19.8
210436 2008 YZ_{29}	16.5	X	335.05207	44.07151	121.63727	1.34081	0.0406865	0.24681770	2.5170114	21	—	—
210437 2008 YR_{38}	15.9	X	242.05847	267.01604	210.50476	6.61988	0.0800889	0.21017051	2.8016994	21	10 1.7	19.9
210438 2008 YW_{61}	15.9	X	85.84900	269.74679	190.27231	3.12796	0.1450445	0.17428327	3.1741851	21	3 24.9	20.2
210439 2008 YO_{63}	16.1	X	84.14630	209.89876	127.30037	14.95004	0.1744256	0.22758992	2.6568520	21	—	—
210440 2008 YD_{104}	17.1	X	102.69780	86.14364	101.31035	3.09754	0.1388515	0.27131134	2.3631471	21	8 5.4	20.2
210441 2008 YW_{127}	17.8	X	288.29084	253.81093	120.82573	1.62154	0.0964070	0.27847519	2.3224429	21	7 18.8	20.3
210442 2008 YL_{135}	16.0	X	221.58176	236.74002	314.02419	8.14592	0.0860302	0.21915173	2.7246211	21	12 9.3	20.0
210443 2009 BN	16.9	X	121.71283	42.92725	69.79063	2.19064	0.0892189	0.26212744	2.4180265	21	5 10.2	20.0
210444 Frithjof	17.4	X	294.28236	211.55001	132.44436	2.13627	0.1612063	0.27659163	2.3329747	21	6 1.3	20.1
210445 2009 BO_{1}	16.5	X	300.27777	359.23799	124.30909	4.94544	0.1733655	0.22367897	2.6877319	21	12 25.8	19.1
210446 2009 BH_{64}	17.4	X	217.23702	54.50010	39.98464	5.74472	0.1534691	0.28065207	2.3104179	21	8 2.9	20.9
210447 2009 BE_{70}	16.5	X	139.01462	42.46136	8.92742	4.00021	0.0875619	0.25472001	2.4646807	21	3 11.3	19.7
210448 2009 BW_{78}	17.0	X	166.88392	306.58274	164.79397	3.79790	0.1528501	0.27002882	2.3706238	21	7 2.9	20.7
210449 2136 P–L	16.6	X	28.41159	36.85038	5.80264	12.19221	0.2932728	0.22904600	2.6455801	21	—	—
210450 2619 P–L	14.8	X	227.94844	337.28664	10.42931	7.51362	0.0543910	0.17193024	3.2030806	21	4 6.6	19.4
210451 2806 P–L	16.6	X	247.29171	332.95980	10.91953	7.58525	0.1804768	0.25366568	2.4715054	21	4 5.4	20.6
210452 2032 T–2	17.5	X	140.73689	63.67609	10.42448	2.48163	0.1782752	0.25889627	2.4381038	21	4 20.6	21.1
210453 2673 T–3	16.7	X	52.31891	187.20080	210.96707	1.82173	0.2252226	0.25172693	2.4841792	21	—	—
210454 4307 T–3	16.8	X	30.66515	172.04831	137.41849	5.90561	0.1938671	0.26921866	2.3753774	21	10 28.2	19.4
210455 1981 EY_{44}	15.5	X	36.97189	57.56617	202.14380	6.36457	0.2012328	0.17821963	3.1272722	21	8 14.2	19.2
210456 1991 TQ_{9}	16.4	X	272.55156	295.21106	36.98284	7.12679	0.1030408	0.25383346	2.4704163	21	4 26.5	19.5
210457 1993 FH_{9}	15.9	X	135.90550	77.76613	91.78544	2.52251	0.0942521	0.18531264	3.0469549	21	8 11.7	20.5
210458 1993 FV_{42}	15.3	X	79.21398	36.80250	186.23130	10.44960	0.0952512	0.18409012	3.0604297	21	8 10.7	19.7
210459 1993 TC_{26}	17.0	X	202.16147	350.66620	76.15882	3.64339	0.1963469	0.27211412	2.3584970	21	6 7.8	20.7
210460 1994 AD_{9}	16.9	X	332.12348	151.79154	120.00173	5.89595	0.1418435	0.26308215	2.4121730	21	4 24.0	19.5
210461 1994 CN_{7}	16.2	X	246.05938	263.04013	142.88953	10.71709	0.1224314	0.19556586	2.9395038	21	7 1.3	20.7
210462 1994 SS_{6}	16.0	X	299.96890	249.10241	54.35114	2.14149	0.0840976	0.17249818	3.1960461	21	5 4.0	20.4
210463 1994 SC_{10}	15.5	X	34.80365	194.16111	16.10330	9.95586	0.0539343	0.17148341	3.2086424	21	5 18.9	19.8
210464 1994 VW_{7}	15.6	X	177.73317	339.01524	33.16970	17.91203	0.1646630	0.23818459	2.5774699	21	3 18.9	19.9
210465 1994 XB_{2}	16.6	X	316.29197	58.84832	114.28142	7.77686	0.2005506	0.22824934	2.6517324	21	—	—
210466 1995 FL_{5}	16.4	X	219.38520	135.98176	19.02462	5.65097	0.0679326	0.20886242	2.8133851	21	10 23.9	20.3
210467 1995 HW_{3}	17.4	X	97.44849	133.07713	133.70162	2.96534	0.1517258	0.27766251	2.3269723	21	11 15.4	20.7
210468 1995 SW_{8}	16.7	X	44.87551	229.48909	353.98412	6.17095	0.2197494	0.26081031	2.4261606	21	7 17.9	19.1
210469 1995 SA_{9}	15.8	X	21.34719	284.99431	358.12248	1.40173	0.1251460	0.18731749	3.0251749	21	8 12.7	19.4
210470 1995 SO_{18}	17.1	X	52.79814	74.94397	2.17192	3.70438	0.1420686	0.24048468	2.5610090	21	—	—
210471 1995 SC_{19}	17.3	X	15.39518	283.26227	3.82432	0.93070	0.1724710	0.26216713	2.4177825	21	8 18.4	19.2
210472 1995 SX_{24}	15.9	X	164.76734	75.00921	23.01342	9.89763	0.0831596	0.17906309	3.1174441	21	6 11.5	20.8
210473 1995 SQ_{52}	17.8	X	29.95577	36.22835	240.41794	0.59713	0.1774116	0.26236392	2.4165733	21	8 31.9	20.2
210474 1995 ST_{58}	15.9	X	178.88367	148.17484	308.81962	1.88367	0.0352630	0.18259838	3.0770751	21	6 26.2	20.2
210475 1995 SC_{64}	16.4	X	126.85079	171.88028	297.51382	0.25005	0.1596843	0.17420252	3.1751660	21	5 24.6	21.4
210476 1995 UF_{1}	15.7	X	351.89694	321.75354	6.49450	8.75274	0.1321132	0.18731674	3.0251830	21	8 26.0	19.2
210477 1995 UD_{18}	17.3	X	355.89087	316.36018	324.47713	1.98028	0.1799679	0.26026150	2.4295701	21	6 20.9	19.1
210478 1995 UN_{66}	16.0	X	299.13504	144.65237	172.49457	4.80967	0.1256878	0.17777017	3.1325412	21	5 14.9	20.3
210479 1995 XE_{5}	16.5	X	330.41341	15.10099	100.19636	5.68746	0.2115090	0.23180492	2.6245466	21	—	—
210480 1996 EH_{7}	16.6	X	197.87653	298.04491	354.45927	3.73979	0.1416704	0.22756200	2.6570694	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210481 1996 HQ_1	16.8	X	15.91569	170.74229	201.50739	21.87514	0.0945039	0.37094715	1.9183508	21	—	—
210482 1996 RW_1	16.8	X	54.85321	322.67474	354.56821	6.11232	0.3036872	0.28292887	2.2980063	21	12 22.1	20.3
210483 1996 RG_7	17.5	X	206.77254	94.70143	356.26606	4.39177	0.1291812	0.27005080	2.3704951	21	7 18.3	21.0
210484 1996 RG_{19}	16.4	X	125.27876	250.90962	15.16787	2.14311	0.0325327	0.20306608	2.8666706	21	11 23.8	20.4
210485 1996 TK	17.2	X	264.10237	331.39426	51.84972	1.99302	0.2000110	0.26971975	2.3724344	21	6 10.9	20.5
210486 1996 TW_{18}	17.0	X	61.91061	94.99195	224.96792	1.19245	0.2310475	0.28036756	2.3119807	21	12 24.1	20.3
210487 1996 VM_9	15.3	X	338.91223	184.46209	154.84988	7.40514	0.1359596	0.19097716	2.9864031	21	8 13.9	18.8
210488 1996 XT_{10}	16.6	X	323.01984	320.29037	11.25714	6.30290	0.1622772	0.26895892	2.3769064	21	7 3.3	19.0
210489 1997 AB_{22}	15.0	X	147.42931	334.55283	109.66413	17.64111	0.1757608	0.17481699	3.1677213	21	5 20.5	20.4
210490 1997 CN_{11}	17.4	X	61.92775	224.53133	333.29117	0.77901	0.1238164	0.25555543	2.4593064	21	6 20.4	20.1
210491 1997 GP_2	17.1	X	351.59760	352.35675	186.41684	5.75071	0.0997000	0.24208679	2.5496975	21	1 20.0	20.2
210492 1997 ST_9	16.3	X	308.10361	304.38927	208.56730	2.58584	0.0617826	0.21839120	2.7309430	21	—	—
210493 1997 SO_{23}	16.5	X	82.17951	100.21298	222.99267	2.14338	0.0379336	0.21023641	2.8011139	21	12 15.7	20.3
210494 1997 SO_{34}	16.1	X	63.72856	327.78886	3.55516	3.91954	0.2085397	0.21244927	2.7816291	21	12 25.9	20.3
210495 1998 FK_{53}	17.0	X	102.79871	336.40355	192.91568	4.58307	0.1649717	0.26472949	2.4021558	21	7 13.2	20.4
210496 1998 FP_{67}	16.6	X	130.63698	70.90282	102.01405	3.21467	0.1706893	0.26774521	2.3840841	21	8 19.6	20.2
210497 1998 HH_5	17.1	X	109.98258	96.47248	95.40690	3.52157	0.1675127	0.26642696	2.3919418	21	8 23.6	20.7
210498 1998 HZ_{10}	16.5	X	295.67885	277.43831	66.40557	6.84773	0.1409252	0.26199775	2.4188244	21	6 6.7	19.2
210499 1998 HM_{21}	16.3	X	148.89577	175.65202	8.48121	2.52971	0.1366962	0.27104412	2.3647001	21	9 19.4	19.9
210500 1998 HN_{25}	17.2	X	152.87126	30.48563	121.77039	2.81100	0.1419106	0.26831192	2.3807260	21	8 12.5	20.9
210501 1998 HG_{50}	17.1	X	101.50170	121.16607	82.53888	3.28396	0.1646724	0.26699217	2.3885648	21	8 30.2	20.5
210502 1998 HK_{53}	16.9	X	140.79119	351.22579	207.57097	3.10077	0.1598041	0.27099721	2.3649729	21	9 30.1	20.6
210503 1998 HF_{88}	16.4	X	34.09217	10.81405	262.13768	1.61997	0.1855320	0.26377935	2.4079207	21	9 3.8	18.6
210504 1998 HZ_{95}	14.9	X	11.23310	71.44316	199.62095	17.03280	0.1550846	0.17668679	3.1453332	21	7 7.2	18.9
210505 1998 HG_{116}	16.7	X	82.49474	128.35198	103.56469	6.32425	0.1722625	0.26624151	2.3930524	21	9 17.9	20.0
210506 1998 KZ_2	15.5	X	78.57231	146.16527	15.39920	5.53775	0.1109610	0.17406321	3.1768599	21	5 26.1	19.8
210507 1998 KL_{11}	15.5	X	113.35692	291.72127	197.23166	17.76677	0.1798829	0.17382752	3.1797309	21	6 6.5	20.6
210508 1998 MV_{15}	16.3	X	185.70580	349.39959	308.28444	7.59301	0.1560990	0.23613587	2.5923566	21	—	—
210509 1998 MW_{30}	15.0	X	0.13368	142.16943	140.54183	16.15582	0.1106942	0.17464115	3.1698472	21	7 5.1	19.0
210510 1998 NR	16.2	X	331.13785	186.52347	103.50081	11.79091	0.2366264	0.25408757	2.4687689	21	5 7.4	18.8
210511 1998 OX_{11}	15.3	X	130.20713	46.41548	315.20926	11.26496	0.2993416	0.23418162	2.6067588	21	1 27.1	19.1
210512 1998 QV_5	16.2	X	75.33559	39.83836	325.94439	12.99182	0.2758504	0.22646845	2.6656159	21	—	—
210513 1998 QR_{70}	15.4	X	175.06241	153.73356	205.37429	13.26314	0.1704663	0.23832607	2.5764498	21	2 16.9	19.7
210514 1998 QC_{86}	15.2	X	188.27418	110.42396	225.12853	14.26541	0.1680892	0.23728575	2.5839748	21	1 30.5	19.7
210515 1998 RP_{15}	16.8	X	267.20943	257.65428	0.79258	2.90704	0.0473944	0.23725857	2.5841722	21	1 23.9	20.4
210516 1998 RB_{49}	16.7	X	230.69519	174.34309	180.76584	5.18194	0.2555682	0.24391200	2.5369619	21	4 2.6	21.1
210517 1998 RM_{55}	15.6	X	209.84140	73.51699	230.22556	4.33724	0.2729446	0.23717432	2.5847841	21	1 17.0	20.2
210518 1998 SX_{43}	15.6	X	351.75983	230.05239	186.67641	9.49238	0.1958878	0.22003689	2.7173091	21	—	—
210519 1998 SX_{44}	16.9	X	216.08588	160.05344	183.34705	4.90252	0.2467585	0.24072027	2.5593378	21	3 8.2	21.3
210520 1998 SA_{85}	16.1	X	118.02395	201.06478	166.85102	12.35954	0.1861897	0.23093095	2.6311642	21	1 5.4	19.8
210521 1998 SG_{115}	15.7	X	81.79455	17.58371	8.95220	13.80120	0.1784706	0.22732027	2.6589527	21	—	—
210522 1998 SL_{116}	16.0	X	149.46872	353.53779	355.48910	7.52419	0.1949042	0.23219687	2.6215923	21	1 20.7	20.0
210523 1998 SB_{171}	16.8	X	11.06278	206.13327	200.75420	5.54600	0.3132618	0.22057596	2.7128801	21	—	—
210524 1998 TK_{25}	16.7	X	160.76657	293.90566	34.95973	1.91927	0.1252707	0.23130428	2.6283323	21	—	—
210525 1998 UP_{26}	15.2	X	341.61132	354.37018	50.25154	14.92044	0.2582710	0.21533785	2.7566976	21	11 28.5	17.4
210526 1998 VC_{41}	16.1	X	297.99498	214.44089	226.09816	4.16766	0.0939467	0.21301668	2.7766873	21	10 29.5	19.5
210527 1998 VA_{47}	16.1	X	233.65197	240.05361	51.52632	11.38517	0.2044260	0.23405861	2.6076721	21	1 24.7	20.7
210528 1999 AW_{13}	16.6	X	222.47565	120.94893	113.04133	5.88119	0.1075863	0.21542383	2.7559641	21	—	—
210529 1999 AF_{15}	15.7	X	15.58396	249.11349	125.92799	8.62832	0.0756242	0.20942366	2.8083563	21	12 2.6	19.4
210530 1999 CD_{135}	17.7	X	343.29407	92.49142	332.89830	6.77541	0.0588893	0.29711798	2.2242491	21	—	—
210531 1999 FB_1	16.5	X	197.88270	76.09715	196.82257	5.90229	0.1519445	0.29704824	2.2245972	21	—	—
210532 Grantmckee	16.2	X	178.20626	81.08731	17.33819	6.25374	0.0839167	0.18946257	3.0022978	21	6 27.7	20.8
210533 Seanmisner	17.9	X	257.30622	71.69270	30.38703	2.38950	0.1424928	0.28876929	2.2669157	21	10 2.6	20.6
210534 1999 GH_3	15.8	X	295.84669	246.19342	179.93945	4.78961	0.0914736	0.19982357	2.8975987	21	10 6.2	19.3
210535 1999 GE_{14}	17.3	X	262.52968	119.19655	16.95746	6.56440	0.0537099	0.29230122	2.2486177	21	12 12.0	19.8
210536 1999 HY_6	17.0	X	345.01657	46.67464	33.22481	7.45676	0.0313749	0.29262386	2.2469646	21	—	—
210537 1999 JB_{123}	17.0	X	157.74904	200.67601	54.80811	5.66129	0.1490992	0.28822897	2.2697479	21	12 29.1	20.5
210538 1999 LO_3	17.3	X	187.18134	23.14173	177.93881	6.21054	0.0765381	0.28627408	2.2800692	21	11 26.8	20.4
210539 1999 RD	15.9	X	182.67883	70.48590	157.81794	22.18411	0.2350546	0.28417878	2.2912631	21	12 14.8	20.1
210540 1999 RW	16.4	X	343.07114	25.51370	304.78084	7.14146	0.2269206	0.26863894	2.3787935	21	8 10.9	17.8
210541 1999 RN_8	17.5	X	181.21433	104.38584	319.60933	1.21978	0.1043624	0.25702061	2.4499511	21	5 14.8	21.2
210542 1999 RG_{57}	16.7	X	8.48157	334.58558	351.83257	4.27673	0.2016164	0.27115386	2.3640619	21	10 10.2	18.7
210543 1999 RR_{58}	15.8	X	37.08204	120.05113	185.06132	5.85189	0.3114677	0.18373334	3.0643902	21	11 3.7	19.6
210544 1999 RC_{70}	16.5	X	52.01302	128.12597	166.83055	7.49904	0.2091858	0.27332775	2.3515104	21	11 9.6	19.6
210545 1999 RM_{164}	16.6	X	29.66705	104.32397	190.43176	6.32772	0.1491300	0.26967470	2.3726986	21	9 23.9	18.8
210546 1999 RQ_{174}	16.7	X	26.54405	330.67164	3.24214	6.16323	0.2317295	0.27326377	2.3518774	21	11 28.1	19.4
210547 1999 RG_{178}	16.4	X	295.67918	195.01708	150.31662	6.87980	0.1684506	0.26268264	2.4146182	21	6 5.6	19.3
210548 1999 RY_{254}	16.1	X	330.31446	263.13407	75.45635	6.99757	0.1699091	0.26509271	2.3999610	21	7 30.9	18.2
210549 1999 TG_3	16.8	X	26.46563	111.16638	177.10189	2.73905	0.1606713	0.26679934	2.3897156	21	9 10.1	19.1
210550 1999 TH_3	17.2	X	155.47755	256.70345	113.87558	0.72019	0.1559618	0.24596675	2.5228133	21	2 14.1	21.0
210551 1999 TP_4	16.9	X	290.59662	190.20676	205.60645	22.36926	0.0950478	0.35485851	1.9759043	21	8 23.5	19.3
210552 1999 TA_{28}	16.7	X	279.06701	357.09216	0.10793	2.58576	0.1852301	0.25924527	2.4359151	21	5 26.1	19.8
210553 1999 TM_{29}	16.6	X	343.17359	138.32210	202.96145	3.39875	0.1724562	0.26715920	2.3875691	21	8 31.9	18.5
210554 1999 TO_{40}	16.3	X	325.68588	248.01725	95.64468	2.51578	0.1809639	0.26526105	2.3989456	21	7 25.8	18.1
210555 1999 TZ_{42}	17.2	X	51.02420	92.62202	199.10460	2.39700	0.2221098	0.27230261	2.3574085	21	11 3.9	20.0
210556 1999 TU_{46}	17.2	X	36.44041	265.64082	54.35679	2.81295	0.2282322	0.27221353	2.3579228	21	11 23.6	19.8
210557 1999 TO_{65}	17.1	X	72.02474	255.18324	357.47605	0.83311	0.1531590	0.26961311	2.3730600	21	9 27.6	20.1
210558 1999 TW_{87}	16.1	X	294.02770	231.12533	100.31064	3.47386	0.1836715	0.25721719	2.4487027	21	5 12.1	19.2
210559 1999 TA_{136}	14.4	X	192.74272	320.92732	15.59624	18.25820	0.1647182	0.15663213	3.4083863	21	2 26.5	20.2
210560 1999 TV_{150}	16.8	X	24.52651	300.51459	34.07256	4.80010	0.1744528	0.27106984	2.3645504	21	11 16.8	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210561 1999 TE_{168}	16.6	X	252.80834	196.23275	217.02071	6.43091	0.1125659	0.26228527	2.4170564	21	7 19.2	19.9
210562 1999 TY_{168}	16.4	X	318.96416	330.73307	358.18433	6.68015	0.1389071	0.26211710	2.4180901	21	6 24.4	19.1
210563 1999 TD_{176}	16.6	X	63.96434	49.05444	234.02084	3.80863	0.1220585	0.26979641	2.3719850	21	10 23.5	19.5
210564 1999 TR_{195}	16.6	X	310.85582	12.44994	339.85396	5.06833	0.2481904	0.26282485	2.4137471	21	6 26.3	18.9
210565 1999 TZ_{201}	16.9	X	4.11463	138.49485	205.77648	5.46645	0.1217988	0.27083300	2.3659288	21	10 19.3	19.2
210566 1999 TG_{207}	16.4	X	245.47662	219.99224	246.96271	18.86326	0.0866921	0.35829268	1.9632582	21	10 3.1	18.8
210567 1999 TV_{214}	16.7	X	299.81628	286.27391	75.06997	3.20157	0.1601976	0.26268470	2.4146056	21	7 6.5	19.2
210568 1999 TB_{218}	17.0	X	59.19398	21.72661	290.66178	1.33893	0.1851098	0.27327293	2.3518249	21	12 5.1	20.1
210569 1999 TG_{234}	14.5	X	355.16721	75.63990	220.32501	15.43455	0.2106128	0.17430914	3.1738711	21	7 9.3	18.1
210570 1999 TK_{255}	16.7	X	39.63799	283.04757	191.43866	3.21760	0.1086468	0.24469218	2.5315664	21	1 10.1	19.3
210571 1999 TU_{257}	16.8	X	270.00661	322.74469	192.37244	21.86490	0.0485788	0.36817484	1.9279687	21	—	—
210572 1999 TV_{312}	15.1	X	159.56496	50.84105	247.85997	27.51433	0.1480202	0.23820148	2.5773481	21	—	—
210573 1999 UL_{20}	17.4	X	9.61666	154.53620	144.18605	1.78334	0.1413859	0.26540914	2.3980531	21	8 21.4	19.5
210574 1999 UY_{22}	16.8	X	217.44454	105.11779	205.18167	5.23489	0.0777459	0.24506045	2.5290295	21	1 27.9	20.5
210575 1999 UR_{31}	16.3	X	88.40276	272.32436	35.06848	2.49775	0.1043753	0.18375310	3.0641706	21	12 6.2	20.8
210576 1999 VW_{7}	15.9	X	87.00475	348.63976	63.36731	5.93036	0.2355968	0.23866411	2.5740164	21	1 26.7	18.6
210577 1999 VV_{31}	16.1	X	112.62120	45.82026	46.78590	6.45883	0.1541713	0.24577223	2.5241443	21	4 13.4	19.5
210578 1999 VN_{64}	16.0	X	206.93825	354.96482	61.35771	4.71113	0.1645879	0.25474413	2.4645252	21	5 30.8	19.9
210579 1999 VS_{65}	16.7	X	9.50171	246.34554	217.12096	3.96596	0.1551176	0.23417777	2.6067873	21	—	—
210580 1999 VN_{74}	15.6	X	339.44233	250.44718	30.88314	6.99113	0.1472266	0.16979642	3.2298599	21	5 24.8	19.6
210581 1999 VP_{102}	16.6	X	333.34734	75.18867	236.90498	2.72403	0.1670718	0.26013844	2.4303362	21	6 21.9	18.8
210582 1999 VS_{157}	16.3	X	283.06271	164.79295	225.77865	5.36940	0.1524358	0.26330523	2.4108104	21	7 22.6	19.3
210583 1999 VX_{182}	17.1	X	113.87850	337.01828	66.03846	2.72557	0.1649472	0.24076646	2.5590104	21	2 10.9	20.4
210584 1999 VE_{189}	17.1	X	107.80111	196.47054	214.11803	3.14131	0.2197846	0.24095385	2.5576835	21	2 18.6	20.4
210585 1999 VT_{191}	16.6	X	333.89649	223.95837	85.89259	2.40336	0.1882768	0.25905014	2.4371382	21	6 16.5	18.4
210586 1999 VL_{224}	16.9	X	97.29236	197.90115	195.52059	2.59015	0.0764439	0.23765377	2.5813065	21	—	—
210587 1999 XL_{12}	15.2	X	127.95670	260.51365	144.80747	4.54026	0.2745764	0.24138517	2.5546358	21	3 15.8	19.1
210588 1999 XB_{28}	16.5	X	43.89465	12.86157	56.87113	14.99261	0.2102429	0.23510358	2.5999394	21	—	—
210589 1999 XU_{40}	16.5	X	71.73324	138.39374	266.25173	3.00885	0.3026076	0.23656184	2.5892437	21	—	—
210590 1999 XA_{51}	16.3	X	85.77027	353.67233	73.09592	10.76546	0.1208981	0.23932957	2.5692427	21	1 27.9	19.4
210591 1999 XH_{70}	16.4	X	89.08864	341.30669	93.79871	4.04951	0.1378537	0.23960164	2.5672975	21	2 14.7	19.5
210592 1999 XW_{97}	16.7	X	25.18178	13.69841	66.35927	6.50419	0.2970034	0.23215790	2.6218856	21	—	—
210593 1999 XP_{109}	16.2	X	87.27957	331.64303	82.85556	5.78978	0.2696104	0.23925758	2.5697581	21	2 5.3	18.9
210594 1999 XY_{123}	16.2	X	359.55963	309.23619	36.02560	11.47261	0.2776089	0.26802033	2.3824524	21	11 2.1	17.5
210595 1999 XA_{147}	16.6	X	23.58454	223.82966	61.71316	2.81471	0.1597605	0.26148450	2.4219886	21	9 1.6	18.9
210596 1999 XC_{239}	16.9	X	92.32986	242.12182	197.43984	1.26865	0.1774133	0.24146876	2.5540462	21	3 1.6	19.8
210597 1999 XQ_{240}	15.9	X	25.90381	15.61255	65.96295	14.87201	0.2305352	0.22990254	2.6390049	21	—	—
210598 1999 XG_{241}	15.7	X	352.55149	129.41671	1.37998	14.35628	0.2218469	0.22930006	2.6436256	21	—	—
210599 1999 YG_{6}	15.4	X	50.20559	145.62875	290.69233	27.31150	0.1899497	0.23586355	2.5943516	21	—	—
210600 2000 AM_{1}	15.9	X	19.84714	10.24526	83.18378	15.84018	0.2266031	0.23167947	2.6254939	21	—	—
210601 2000 AJ_{4}	16.2	X	68.39489	341.45646	100.97508	5.27624	0.0661307	0.23539763	2.5977738	21	1 14.8	19.4
210602 2000 AO_{21}	15.7	X	100.85716	327.24998	64.77761	5.20353	0.1829275	0.23592664	2.5938891	21	1 12.9	18.8
210603 2000 AD_{48}	16.3	X	22.64584	188.93432	262.73098	4.18069	0.1692382	0.23192989	2.6236037	21	—	—
210604 2000 AW_{68}	15.6	X	127.09960	283.29646	120.17386	4.23603	0.2280083	0.24246788	2.5470252	21	3 7.6	19.2
210605 2000 AD_{79}	16.2	X	33.84912	339.29323	105.25338	12.85144	0.1474166	0.23204645	2.6227250	21	—	—
210606 2000 AB_{82}	15.8	X	113.66011	289.06729	94.67831	11.71772	0.1429671	0.23711107	2.5852437	21	1 13.3	19.1
210607 2000 AF_{115}	15.8	X	26.95144	295.36048	130.09023	13.34280	0.2669045	0.22951755	2.6419552	21	—	—
210608 2000 AC_{230}	16.2	X	143.52967	68.66299	314.03797	2.37307	0.2618205	0.24027138	2.5625244	21	2 27.7	20.2
210609 2000 AF_{238}	16.9	X	131.66229	292.12454	97.18483	4.97025	0.2798995	0.24153316	2.5535922	21	3 1.2	20.8
210610 2000 BQ_{9}	17.7	X	280.00691	291.57517	149.86173	1.36961	0.1614665	0.26077237	2.4263959	21	9 30.8	20.4
210611 2000 BH_{20}	17.2	X	172.59303	116.36018	310.62879	4.10014	0.1273149	0.24527293	2.5275687	21	5 10.0	21.1
210612 2000 CD_{8}	16.0	X	66.65891	345.57287	152.32021	3.62125	0.0695201	0.24066192	2.5597514	21	3 28.1	18.9
210613 2000 CO_{78}	16.6	X	88.98655	307.39614	120.56719	0.91139	0.1533305	0.23575405	2.5951549	21	2 6.8	19.4
210614 2000 CK_{81}	16.7	X	358.14282	332.56753	138.72353	6.91647	0.2305989	0.22764555	2.6564192	21	—	—
210615 2000 DW_{8}	16.5	X	293.96662	229.02837	317.50550	3.93897	0.0837635	0.22648675	2.6654724	21	—	—
210616 2000 DO_{24}	16.0	X	293.55991	217.46056	332.93762	10.99865	0.1315384	0.22633303	2.6666791	21	—	—
210617 2000 DG_{33}	16.5	X	208.55392	351.28534	173.21289	3.50154	0.1268739	0.21257931	2.7804946	21	10 19.6	20.7
210618 2000 DN_{45}	15.7	X	290.84151	271.53769	313.08241	3.52376	0.1152064	0.22904167	2.6456134	21	1 2.5	19.5
210619 2000 DQ_{55}	16.2	X	242.87615	211.66629	344.46214	7.70685	0.2050750	0.21873302	2.7280970	21	12 25.7	20.0
210620 2000 DJ_{115}	16.3	X	182.72124	269.62902	330.01087	6.30361	0.1089274	0.21849682	2.7300627	21	12 25.0	20.5
210621 2000 EB_{16}	16.0	X	47.33905	34.31059	337.21213	7.92371	0.0501707	0.21792336	2.7348501	21	—	—
210622 2000 EB_{18}	15.3	X	48.15585	68.22138	3.20900	22.03895	0.0527630	0.22683671	2.6627301	21	—	—
210623 2000 EN_{28}	15.9	X	316.95215	109.15984	34.14661	9.48055	0.2857361	0.22403939	2.6848486	21	—	—
210624 2000 EX_{43}	15.6	X	206.63782	193.16368	10.90965	13.15851	0.0705103	0.21361927	2.7714631	21	12 7.6	19.8
210625 2000 EC_{94}	16.1	X	266.42237	122.35068	81.86710	9.57229	0.1695522	0.22208937	2.7005416	21	—	—
210626 2000 ET_{100}	16.8	X	69.64638	25.52972	345.75055	5.66988	0.0555864	0.21938644	2.7226775	21	—	—
210627 2000 EC_{102}	16.6	X	176.58101	78.52050	182.73525	7.84284	0.1934494	0.21640892	2.7475943	21	—	—
210628 2000 EG_{150}	15.9	X	290.65140	284.67687	195.00152	22.98322	0.3037557	0.21934997	2.7229793	21	11 12.7	18.9
210629 2000 EQ_{153}	15.8	X	285.75283	20.03880	202.63430	8.46406	0.1726228	0.22623974	2.6674121	21	—	—
210630 2000 EJ_{163}	16.1	X	230.49028	122.23297	348.69319	13.07250	0.1547205	0.20824912	2.8189060	21	9 3.2	20.3
210631 2000 EZ_{199}	15.7	X	307.83811	353.27953	190.94166	12.07359	0.1683924	0.22682362	2.6628326	21	—	—
210632 2000 FF_{33}	16.0	X	261.67497	81.96247	135.92995	5.35463	0.1444708	0.22188708	2.7021827	21	—	—
210633 2000 FK_{41}	15.5	X	234.01379	107.27367	172.81502	11.18644	0.1760849	0.22345783	2.6895048	21	1 9.9	20.1
210634 2000 FM_{47}	16.5	X	237.32783	73.09003	141.75011	7.35601	0.2371596	0.21782964	2.7356345	21	—	—
210635 2000 GQ_{7}	16.1	X	185.67294	118.09382	200.07795	4.71414	0.3856418	0.31130572	2.1561451	21	1 13.8	20.1
210636 2000 GT_{12}	15.8	X	209.51748	263.37022	13.44460	11.90183	0.1705146	0.22166867	2.7039574	21	—	—
210637 2000 GL_{16}	15.6	X	215.06973	101.13862	198.64685	10.92334	0.1897008	0.22429716	2.6827912	21	1 15.9	20.4
210638 2000 GT_{31}	16.8	X	33.92847	167.49215	23.89485	7.34116	0.1265598	0.23590857	2.5940215	21	4 22.6	19.5
210639 2000 GU_{50}	16.1	X	169.27739	229.08607	29.58911	9.85428	0.0359414	0.21432599	2.7653673	21	—	—
210640 2000 GW_{61}	16.6	X	181.07393	100.70239	178.25200	1.73403	0.2149466	0.21590160	2.7518968	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210641 2000 GA_{116}	16.1	X	249.23883	224.45932	5.48810	8.35791	0.2279256	0.22052275	2.7133165	21	—	—
210642 2000 GL_{137}	15.7	X	243.55981	126.69590	39.80601	17.16433	0.1936258	0.21253939	2.7808428	21	11 17.5	19.7
210643 2000 GM_{151}	16.0	X	186.33346	20.84957	220.21217	1.78213	0.0190955	0.21413091	2.7670466	21	—	—
210644 2000 HS_{10}	16.0	X	234.65756	183.57569	61.26971	4.62849	0.2382395	0.21829214	2.7317691	21	—	—
210645 2000 HH_{20}	16.6	X	179.61768	235.00024	66.38552	4.97091	0.3007208	0.21611621	2.7500747	21	—	—
210646 2000 HM_{23}	15.7	X	321.71086	127.29447	48.31074	12.64336	0.0896130	0.22391152	2.6858706	21	—	—
210647 2000 HZ_{61}	15.8	X	239.58109	115.00801	38.53575	8.35465	0.1638920	0.21059815	2.7979053	21	11 2.9	19.6
210648 2000 HL_{75}	15.8	X	182.66623	83.99785	199.35988	8.74097	0.1981174	0.21536635	2.7564544	21	—	—
210649 2000 HG_{80}	15.2	X	275.06006	67.87901	98.94550	15.35099	0.0259565	0.21535542	2.7565477	21	—	—
210650 2000 JO_{6}	15.9	X	239.24273	84.52163	127.46224	8.97903	0.1566525	0.21731079	2.7399871	21	—	—
210651 2000 JX_{7}	15.9	X	73.78558	355.58435	21.56161	6.28418	0.0326489	0.21991445	2.7183176	21	—	—
210652 2000 JL_{83}	15.9	X	110.80543	261.13365	42.69723	4.67212	0.0901159	0.20960679	2.8067204	21	12 28.6	20.2
210653 2000 KX_{8}	15.6	X	219.13287	342.07448	232.89870	12.81291	0.1248952	0.21381269	2.7697914	21	12 29.2	19.8
210654 2000 KS_{13}	16.0	X	202.68115	183.33882	79.30631	4.51662	0.1887781	0.21546656	2.7555997	21	—	—
210655 2000 NQ_{7}	16.9	X	197.94930	95.39942	225.53627	2.45286	0.1944877	0.30959964	2.1640589	21	1 16.6	20.1
210656 2000 OA_{23}	16.5	X	184.32048	328.28802	332.83000	5.94391	0.2094396	0.30673276	2.1775223	21	—	—
210657 2000 OL_{34}	15.2	X	319.74704	139.76221	207.19198	9.38867	0.2241935	0.18709575	3.0275648	21	7 7.8	18.8
210658 2000 PQ_{21}	16.9	X	61.58641	354.20838	323.96174	6.67460	0.1393407	0.29073482	2.2566871	21	12 12.5	19.9
210659 2000 QG_{11}	17.4	X	342.29351	201.67609	151.52178	4.41257	0.2517373	0.28338479	2.2955409	21	9 28.7	18.2
210660 2000 QG_{23}	17.1	X	94.00103	103.54288	243.99653	3.24448	0.1871746	0.29679059	2.2258845	21	—	—
210661 2000 QG_{26}	16.7	X	111.43342	187.75018	187.04799	4.88564	0.1665257	0.30024512	2.2087781	21	—	—
210662 2000 QU_{31}	16.4	X	112.61235	327.29564	8.22429	6.78307	0.2315864	0.29838529	2.2179467	21	—	—
210663 2000 QS_{66}	17.3	X	39.85238	228.09034	137.98300	7.67643	0.1988975	0.29089824	2.2558419	21	—	—
210664 2000 QB_{68}	16.6	X	327.08828	347.85127	26.48492	6.83944	0.1582375	0.28184180	2.3039114	21	9 25.5	18.3
210665 2000 QG_{83}	17.0	X	195.50842	322.24613	353.63396	1.30242	0.1752061	0.30636187	2.1792793	21	1 8.2	20.1
210666 2000 QW_{94}	15.4	X	219.30464	199.88877	159.40603	6.11896	0.1638033	0.17295785	3.1903808	21	4 8.3	20.6
210667 2000 QG_{100}	16.8	X	327.54987	3.20942	13.23626	7.24506	0.2662910	0.28138910	2.3063818	21	9 22.5	17.8
210668 2000 QS_{100}	17.0	X	122.98017	229.77011	128.01503	4.44720	0.1852268	0.30033921	2.2083167	21	—	—
210669 2000 QK_{117}	16.2	X	192.68445	287.06598	144.44987	21.49175	0.3344318	0.26752747	2.3853776	21	6 8.7	21.1
210670 2000 QW_{166}	17.2	X	157.32144	105.86537	209.73039	4.18101	0.1662559	0.30187226	2.2008338	21	—	—
210671 2000 QR_{172}	17.3	X	2.99179	181.49612	195.44172	4.71174	0.2473978	0.28775887	2.2722193	21	12 29.5	19.5
210672 2000 QZ_{188}	15.0	X	286.63812	357.80996	356.74829	16.51115	0.1804772	0.18163049	3.0879971	21	6 2.4	19.7
210673 2000 QQ_{198}	17.2	X	29.53978	297.02269	42.36713	2.94918	0.1971973	0.28769873	2.2725359	21	12 8.7	19.8
210674 2000 QO_{205}	16.9	X	173.23418	292.03536	350.97836	7.16966	0.1343879	0.29954113	2.2122374	21	—	—
210675 2000 QF_{213}	14.8	X	238.38732	13.11878	351.82283	25.74677	0.1292360	0.17545607	3.1600245	21	4 20.4	20.1
210676 2000 QB_{217}	16.6	X	237.87781	274.65297	87.00552	3.63786	0.1950156	0.26862243	2.3788909	21	4 18.9	20.3
210677 2000 RB_{4}	15.0	X	286.38867	155.42728	181.03523	17.50392	0.2355836	0.17747191	3.1360499	21	5 8.9	19.8
210678 2000 RK_{37}	15.5	X	148.87379	106.22262	271.60933	9.67627	0.2330411	0.25529155	2.4610008	21	2 18.3	19.5
210679 2000 RV_{40}	15.5	X	164.11279	157.03892	217.15818	11.98690	0.1924033	0.21208850	2.7847826	21	3 1.6	20.2
210680 2000 RK_{64}	16.0	X	261.72057	148.24418	241.76418	9.97734	0.2314374	0.27583374	2.3372462	21	6 13.4	19.5
210681 2000 RD_{74}	14.9	X	336.09466	164.60666	159.40241	10.26709	0.2947149	0.18349617	3.0670302	21	6 30.4	17.9
210682 2000 RQ_{78}	16.2	X	252.40922	110.63078	195.20941	3.83147	0.1381338	0.21786132	2.7353693	21	2 28.7	20.4
210683 2000 RL_{85}	15.4	X	6.45645	122.57780	159.15242	18.90628	0.2266507	0.18549764	3.0449287	21	7 17.9	18.6
210684 2000 RX_{91}	16.5	X	293.19725	180.62778	192.44789	5.01767	0.1579616	0.27635239	2.3343209	21	7 12.5	19.2
210685 2000 RE_{92}	17.1	X	250.64262	109.01712	287.05784	3.22788	0.2547105	0.27233957	2.3571952	21	6 7.8	20.7
210686 Scottnorris	15.5	X	349.07686	161.38943	158.70041	11.03289	0.1173469	0.18579191	3.0417126	21	8 5.0	19.1
210687 2000 SO	14.8	X	79.23592	158.74318	5.90155	19.50914	0.1150264	0.17243449	3.1968330	21	5 26.9	19.5
210688 2000 SZ_{26}	14.9	X	239.55685	200.94081	198.65780	27.16756	0.1376759	0.17810541	3.1286091	21	6 13.4	20.2
210689 2000 SG_{30}	16.4	X	299.63150	305.73664	176.41668	4.98644	0.0587236	0.29247483	2.2477278	21	—	—
210690 2000 SV_{38}	17.0	X	324.66517	248.81290	116.76048	3.59795	0.2093568	0.27979229	2.3151487	21	8 29.2	18.4
210691 2000 SB_{59}	17.4	X	292.10164	55.49286	348.90892	5.57149	0.2179600	0.27906184	2.3191869	21	8 19.7	19.6
210692 2000 SU_{60}	16.8	X	28.01650	343.12104	24.35684	7.50070	0.1514962	0.28848844	2.2683868	21	—	—
210693 2000 SV_{60}	16.6	X	3.71998	237.71476	164.30416	5.85040	0.1116283	0.28882797	2.2666087	21	—	—
210694 2000 SK_{62}	14.9	X	329.60199	299.94336	5.62417	26.67150	0.1860531	0.18054685	3.1003408	21	5 26.5	19.1
210695 2000 SY_{74}	15.3	X	243.62228	189.09847	179.98244	12.07733	0.1987365	0.17405998	3.1768992	21	5 9.7	20.5
210696 2000 SD_{78}	15.2	X	350.61137	269.35431	358.63926	9.83790	0.1624869	0.17852291	3.1237295	21	5 23.3	18.9
210697 2000 SQ_{80}	15.3	X	318.88915	117.22464	191.25329	8.38597	0.1847197	0.17935708	3.1140365	21	5 23.5	19.2
210698 2000 SM_{94}	14.7	X	251.11044	142.95842	208.71111	10.27808	0.1400505	0.17517225	3.1634369	21	4 29.3	19.5
210699 2000 SX_{101}	17.3	X	297.92583	92.21370	305.27614	1.49637	0.2083506	0.27911065	2.3189165	21	8 19.8	19.4
210700 2000 SQ_{105}	17.5	X	222.27178	173.98922	252.18792	1.43228	0.2072253	0.27190650	2.3596975	21	6 24.8	21.4
210701 2000 SA_{116}	16.4	X	155.26835	280.29246	31.24443	5.84086	0.2209412	0.29940857	2.2128904	21	—	—
210702 2000 SQ_{124}	16.5	X	8.01273	338.66276	40.85299	7.47297	0.1316886	0.28549012	2.2842413	21	12 21.2	19.0
210703 2000 SS_{139}	16.9	X	16.59259	177.58423	232.62221	5.91737	0.1183794	0.29078310	2.2564373	21	—	—
210704 2000 SB_{146}	15.6	X	338.31639	120.39891	201.83587	12.14653	0.2212331	0.18248435	3.0783569	21	7 10.2	19.1
210705 2000 SY_{155}	16.4	X	355.43882	355.65267	49.69926	6.18563	0.2772164	0.28547037	2.2843467	21	—	—
210706 2000 SR_{157}	16.9	X	117.47798	83.67236	210.11032	6.38704	0.1541182	0.29291664	2.2454671	21	—	—
210707 2000 SD_{159}	16.6	X	203.23421	290.16521	185.84843	4.87153	0.1698899	0.27447124	2.3449746	21	8 12.4	20.3
210708 2000 SU_{164}	17.6	X	19.43514	271.30399	200.63083	21.63863	0.1375138	0.39230063	1.8480911	21	—	—
210709 2000 SH_{190}	15.2	X	315.67446	355.13441	12.95287	9.11476	0.1420583	0.18545320	3.0454151	21	8 16.2	18.9
210710 2000 SD_{194}	17.0	X	189.61589	60.47971	3.94139	2.23117	0.2240012	0.26845011	2.3799088	21	5 24.2	21.1
210711 2000 SB_{200}	15.4	X	257.35789	184.33652	191.86559	16.69754	0.1078022	0.17690356	3.1427632	21	6 9.0	20.3
210712 2000 SB_{201}	17.1	X	147.71690	244.53924	10.52364	5.86731	0.0578949	0.29125492	2.2539998	21	12 22.5	20.1
210713 2000 SQ_{204}	17.4	X	210.39005	252.93467	164.80053	1.46186	0.1756700	0.26945964	2.3739609	21	6 4.5	21.2
210714 2000 SW_{212}	14.1	X	143.25174	314.82144	42.53191	23.31428	0.1483179	0.15943928	3.3682617	21	2 7.1	19.7
210715 2000 SU_{214}	15.7	X	264.64860	328.58289	15.66264	6.54617	0.1518664	0.17581007	3.1557812	21	5 1.3	20.5
210716 2000 SP_{246}	16.2	X	174.89243	260.64033	116.13118	4.24343	0.1538383	0.21427431	2.7658120	21	3 17.6	20.6
210717 2000 SR_{250}	17.0	X	243.74346	72.14696	353.21452	6.89147	0.1209703	0.27572332	2.3378701	21	7 27.7	20.1
210718 2000 ST_{252}	15.2	X	313.96337	15.33558	74.37975	7.47712	0.3922814	0.14379728	3.6082970	21	10 18.5	18.8
210719 2000 SW_{277}	16.3	X	166.37282	238.33707	209.17076	21.33319	0.3019183	0.26407695	2.4061114	21	6 5.9	20.9
210720 2000 SA_{286}	15.1	X	128.97911	88.05613	27.15789	15.86430	0.0161727	0.17316684	3.1878134	21	5 14.9	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210721 2000 SQ_{303}	16.4	X	265.86645	53.69740	346.22017	11.17572	0.1644551	0.27403619	2.3474559	21	7 14.5	19.7
210722 2000 SZ_{306}	16.6	X	53.62775	142.04931	242.92363	4.34166	0.1754123	0.29248235	2.2476893	21	—	—
210723 2000 SQ_{308}	16.8	X	326.77375	65.05418	294.17410	4.72169	0.1891797	0.27867597	2.3213272	21	8 22.1	18.6
210724 2000 SE_{335}	15.8	X	349.67395	263.46741	66.88485	5.97882	0.1962358	0.18552684	3.0446092	21	8 24.3	18.9
210725 2000 SG_{335}	16.8	X	299.38578	243.45664	150.14464	7.79455	0.2654416	0.27727879	2.3291186	21	8 4.6	18.8
210726 2000 SN_{337}	15.0	X	91.55918	319.43823	188.50749	13.95125	0.0801349	0.17244755	3.1966716	21	5 24.1	19.7
210727 2000 SF_{364}	17.4	X	157.41082	294.74263	42.83025	7.80374	0.2082755	0.30404885	2.1903178	21	1 1.4	20.4
210728 2000 TL_{6}	15.8	X	215.03171	174.22013	194.09053	4.73501	0.1379380	0.17118242	3.2124025	21	4 14.9	21.0
210729 2000 TG_{8}	15.3	X	312.04056	98.91470	191.22313	9.34766	0.1833376	0.17603849	3.1530507	21	4 19.4	19.3
210730 2000 TS_{14}	17.1	X	320.80155	27.96020	13.29038	5.66413	0.1251977	0.28191229	2.3035274	21	10 23.7	18.9
210731 2000 TZ_{16}	15.3	X	288.54101	325.91855	27.40326	10.95690	0.1241324	0.17712019	3.1402002	21	6 14.1	19.8
210732 2000 TF_{23}	17.0	X	147.92363	259.15882	183.60275	2.11429	0.1527332	0.26432824	2.4045861	21	5 7.7	20.4
210733 2000 TZ_{23}	15.4	X	351.73876	117.39171	203.03389	9.36285	0.0769157	0.18218782	3.0816962	21	8 8.4	19.5
210734 2000 TJ_{36}	16.5	X	196.46051	259.81784	23.21323	10.68110	0.1167669	0.29907101	2.2145552	21	—	—
210735 2000 TA_{38}	16.9	X	284.15088	297.17808	82.95777	5.78099	0.1654009	0.27720593	2.3295268	21	7 8.8	19.5
210736 2000 TQ_{65}	17.0	X	205.16720	257.39930	14.22236	4.17964	0.1510334	0.29964336	2.2117343	21	—	—
210737 2000 UC_{1}	17.0	X	176.13561	217.45152	188.72450	3.57933	0.2827715	0.26201101	2.4187428	21	4 23.5	21.3
210738 2000 US_{15}	17.4	X	57.05123	332.43788	24.03935	3.29957	0.1516492	0.29011472	2.2599016	21	—	—
210739 2000 UD_{17}	17.2	X	245.13319	170.55146	240.41958	1.72086	0.2088851	0.27173175	2.3607090	21	6 26.8	20.6
210740 2000 UA_{43}	17.1	X	182.26616	199.69096	178.21368	2.26184	0.2096148	0.26024622	2.4296652	21	3 21.7	21.1
210741 2000 UW_{65}	17.4	X	336.20401	358.34771	17.94701	2.33976	0.2168580	0.28091966	2.3089505	21	10 19.2	18.6
210742 2000 UV_{66}	17.1	X	311.34301	51.81182	331.68095	4.24883	0.2298611	0.27839089	2.3229117	21	8 22.0	18.9
210743 2000 UX_{71}	16.9	X	189.76374	202.04856	251.71228	3.72240	0.1915058	0.26805118	2.3822695	21	7 1.6	20.8
210744 2000 UE_{75}	16.4	X	86.76176	235.39240	94.07573	5.51171	0.2813810	0.29134822	2.2535186	21	—	—
210745 2000 UY_{91}	16.6	X	8.03447	5.22090	354.97873	5.96618	0.1923822	0.28365301	2.2940935	21	12 1.7	18.9
210746 2000 US_{104}	14.7	X	293.22579	304.08468	35.12566	14.50521	0.3064666	0.17565783	3.1576043	21	5 6.2	19.2
210747 2000 UD_{112}	15.3	X	294.79858	325.94902	31.60705	12.91930	0.1618318	0.17941656	3.1133483	21	6 22.9	19.7
210748 2000 UT_{114}	17.0	X	335.47113	14.88148	356.10368	3.08830	0.1783825	0.27930974	2.3178144	21	10 6.0	18.5
210749 2000 VL_{8}	17.2	X	239.04533	239.06349	209.75675	1.84437	0.1601810	0.27439220	2.3454250	21	8 15.6	20.3
210750 2000 VO_{12}	16.7	X	90.10384	277.47349	57.72910	6.29185	0.1573919	0.29095329	2.2555573	21	—	—
210751 2000 VZ_{23}	16.4	X	331.80339	341.61702	34.77936	5.80650	0.1531400	0.27922957	2.3182581	21	10 8.7	18.1
210752 2000 VV_{47}	16.7	X	181.44923	0.93136	67.57372	6.38793	0.2002048	0.26445525	2.4038162	21	5 23.1	20.7
210753 2000 VU_{51}	16.6	X	170.47197	314.19752	10.83256	6.49074	0.2060507	0.30099275	2.2051190	21	—	—
210754 2000 VF_{57}	16.4	X	177.42323	36.30828	37.19625	6.33372	0.2781188	0.26347114	2.4097983	21	5 26.5	20.6
210755 2000 WE_{15}	17.1	X	279.43223	252.20286	132.49911	5.71592	0.2474856	0.27365019	2.3496628	21	6 25.0	20.1
210756 2000 WT_{15}	16.6	X	234.44285	36.92231	50.38954	7.21484	0.0702737	0.27321342	2.3521663	21	8 24.3	19.7
210757 2000 WK_{26}	16.7	X	304.85988	264.72966	157.34155	7.52123	0.0902765	0.28155502	2.3054756	21	10 31.5	19.1
210758 2000 WR_{73}	17.0	X	73.78992	317.49560	22.72367	7.36775	0.1487918	0.28883865	2.2665528	21	—	—
210759 2000 WW_{77}	16.8	X	124.83000	123.83718	316.89889	3.60050	0.1184276	0.25789298	2.4444231	21	4 2.9	20.1
210760 2000 WW_{88}	16.7	X	352.56770	326.22664	43.84555	3.97058	0.1722864	0.28096891	2.3086807	21	11 13.9	18.4
210761 2000 WT_{92}	17.3	X	214.49755	332.14648	73.19592	2.99744	0.1758156	0.26563197	2.3967118	21	5 23.3	21.1
210762 2000 WY_{97}	16.8	X	192.08780	41.65776	24.27882	1.30079	0.2520503	0.26393368	2.4069820	21	5 28.6	20.9
210763 2000 WL_{111}	16.8	X	322.41797	341.05523	26.35510	5.11100	0.1509460	0.27561333	2.3384921	21	9 3.1	18.7
210764 2000 WZ_{134}	16.7	X	133.18311	339.31667	343.25236	6.15398	0.2701095	0.29638650	2.2279072	21	—	—
210765 2000 WS_{160}	16.4	X	194.95486	355.40026	100.05733	9.73219	0.1330867	0.26868327	2.3785318	21	7 10.6	19.9
210766 2000 WU_{188}	17.1	X	191.50584	56.05258	19.93917	4.96819	0.1916815	0.26715581	2.3875894	21	6 9.8	21.0
210767 2000 XY_{20}	15.5	X	86.78971	317.46991	33.54692	12.44676	0.1034127	0.24178800	2.5517975	21	—	—
210768 2000 XR_{53}	17.0	X	315.73855	193.43574	225.75641	2.53094	0.1403010	0.28005933	2.3136767	21	11 10.7	19.0
210769 2000 YC_{43}	16.5	X	157.18027	339.09113	141.52950	5.34715	0.1083301	0.26271721	2.4144064	21	7 3.6	20.1
210770 2000 YL_{65}	17.0	X	216.82634	331.57461	99.11134	4.29625	0.1780955	0.26715492	2.3875946	21	6 27.4	20.6
210771 2000 YP_{128}	16.8	X	121.71924	149.56863	325.10135	6.01141	0.1460085	0.25630195	2.4545286	21	5 18.6	20.3
210772 2001 AN_{8}	17.0	X	138.91907	326.34146	145.58177	4.92507	0.2112754	0.25927005	2.4357599	21	6 10.9	20.9
210773 2001 AL_{19}	17.1	X	346.38713	327.10368	103.92589	24.26237	0.0834160	0.37805192	1.8942403	21	—	—
210774 2001 AO_{31}	16.7	X	291.18151	338.34004	68.38969	4.80176	0.2008280	0.27418926	2.3465821	21	8 25.8	19.0
210775 2001 AS_{43}	16.5	X	29.37906	263.19821	132.21866	24.23528	0.2307918	0.37938967	1.8897849	21	—	—
210776 2001 BV_{21}	16.3	X	151.37923	206.39835	265.82186	8.04935	0.2038272	0.26235005	2.4166585	21	6 21.7	20.2
210777 2001 BU_{24}	17.0	X	158.27589	326.67398	156.20238	2.82610	0.1585975	0.26187570	2.4195759	21	7 9.8	20.7
210778 2001 BJ_{37}	16.8	X	165.77130	295.66584	133.25280	2.76543	0.1851501	0.25833413	2.4416394	21	5 10.2	20.6
210779 2001 BF_{59}	15.9	X	329.27974	198.51705	321.95648	13.03667	0.1076129	0.23851207	2.5751102	21	—	—
210780 2001 BK_{82}	17.0	X	102.65325	17.11655	113.30161	4.00475	0.1307804	0.25535365	2.4606018	21	5 17.3	20.1
210781 2001 CP_{21}	16.6	X	151.22779	64.22874	32.10021	5.81070	0.1953986	0.25846145	2.4408375	21	5 30.7	20.5
210782 2001 DK_{1}	16.4	X	324.34298	183.30256	140.01713	8.16195	0.1612071	0.26133134	2.4229348	21	6 22.5	18.9
210783 2001 DK_{22}	17.0	X	308.28812	111.29064	6.70736	20.39858	0.0979822	0.37508206	1.9042261	21	—	—
210784 2001 DZ_{33}	16.4	X	1.95646	187.03660	11.14589	6.87250	0.1551272	0.24577341	2.5241362	21	3 1.3	18.9
210785 2001 DX_{39}	16.6	X	130.18049	64.95932	139.99010	4.46300	0.0928824	0.26615300	2.3935829	21	9 26.1	19.9
210786 2001 DP_{60}	16.7	X	112.92953	181.07139	308.21310	4.71528	0.1489488	0.25559785	2.4590343	21	5 29.4	20.1
210787 2001 DJ_{77}	16.4	X	4.33291	134.31754	146.48482	7.58651	0.0751204	0.25871144	2.4392649	21	7 8.9	19.1
210788 2001 DW_{77}	16.7	X	304.23312	328.33970	329.13162	5.77617	0.1381192	0.25428545	2.4674880	21	4 12.6	19.9
210789 2001 DH_{88}	17.0	X	166.80560	194.50756	36.28712	22.14436	0.0419946	0.36888874	1.9254804	21	12 31.7	19.6
210790 2001 DE_{96}	16.7	X	129.57290	335.06265	87.17320	3.12490	0.2411454	0.25225033	2.4807417	21	4 3.3	20.4
210791 2001 EL_{5}	16.5	X	37.11890	98.90096	99.70903	4.59848	0.0958108	0.25083096	2.4900914	21	5 7.6	19.1
210792 2001 EA_{11}	16.8	X	53.18331	178.76374	22.59339	4.68238	0.1640120	0.25205766	2.4820057	21	6 17.2	19.4
210793 2001 EC_{17}	17.1	X	295.02799	26.35309	111.14905	23.17210	0.0847868	0.37640797	1.8997517	21	—	—
210794 2001 ES_{18}	17.1	X	135.47471	48.74482	164.14379	23.17283	0.0435245	0.36406850	1.9424387	21	10 27.5	19.7
210795 2001 FL	16.9	X	76.55366	239.77466	28.28002	20.83349	0.0775892	0.36087665	1.9538754	21	10 25.3	18.8
210796 2001 FC_{6}	16.1	X	54.12947	324.22228	162.52654	12.94160	0.1251776	0.24544586	2.5263814	21	2 22.8	18.8
210797 2001 FS_{7}	16.8	X	186.18566	7.18202	62.77916	2.60268	0.1439151	0.25657406	2.4527929	21	5 28.8	20.5
210798 2001 FW_{27}	16.5	X	237.40340	96.35383	24.15575	21.35583	0.1137762	0.36307382	1.9459847	21	10 16.2	18.1
210799 2001 FK_{29}	16.5	X	175.76238	311.38546	205.33951	21.74458	0.0289818	0.36078812	1.9541950	21	9 19.2	18.9
210800 2001 FB_{76}	16.1	X	35.84865	308.84275	185.45811	23.53807	0.0569501	0.24028600	2.5624206	21	1 29.4	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210801 2001 FS_{110}	17.4	X	23.20687	349.22770	192.24537	2.62161	0.1054209	0.29450940	2.2373638	21	3 6.4	19.5
210802 2001 FG_{137}	16.7	X	307.52952	57.43384	36.96237	25.86370	0.0681897	0.36906590	1.9248642	21	—	—
210803 2001 FM_{167}	16.8	X	71.04030	58.71478	192.37575	21.21089	0.0482025	0.35509884	1.9750126	21	9 13.9	18.9
210804 2001 FZ_{189}	16.0	X	247.84160	126.77786	2.50129	12.66633	0.1494888	0.22306683	2.6926467	21	10 13.9	19.7
210805 2001 GO_{7}	16.1	X	314.68559	127.42878	132.54182	7.25476	0.1583713	0.24343954	2.5402432	21	3 10.4	19.3
210806 2001 HN_{40}	16.1	X	312.66576	166.52705	112.21669	8.53375	0.3732630	0.24150954	2.5537587	21	3 1.9	19.8
210807 2001 HQ_{40}	15.9	X	295.86547	142.73976	155.51322	13.31928	0.3073757	0.24138841	2.5546129	21	3 16.4	19.8
210808 2001 HO_{66}	15.8	X	288.59754	33.99498	217.95310	14.14349	0.0600153	0.23839089	2.5759827	21	2 2.8	19.7
210809 2001 JQ_{9}	15.9	X	321.51195	182.49309	47.84081	10.63723	0.1289837	0.23890857	2.5722602	21	2 17.1	19.4
210810 2001 KS	16.1	X	311.41345	28.81685	235.63399	4.43254	0.0841034	0.24155320	2.5534510	21	3 19.6	19.3
210811 2001 KC_{14}	16.0	X	314.91636	127.47320	166.50489	7.74670	0.2667693	0.24344009	2.5402394	21	4 8.0	19.0
210812 2001 KW_{19}	16.0	X	354.60170	50.57792	126.14526	6.63820	0.2123619	0.23806304	2.5783472	21	1 7.7	18.6
210813 2001 KV_{22}	16.5	X	291.24269	45.37351	259.86691	3.35993	0.2522660	0.24107574	2.5568213	21	3 23.7	20.3
210814 2001 KZ_{31}	16.0	X	318.38180	121.80781	112.06509	8.59828	0.1563078	0.24010856	2.5636828	21	2 9.2	19.3
210815 2001 KM_{43}	16.1	X	307.23971	92.90777	138.51753	5.08122	0.2297440	0.23731291	2.5837777	21	1 12.6	19.9
210816 2001 KH_{62}	16.7	X	258.24587	108.13909	195.23405	4.47869	0.3298536	0.23650133	2.5896853	21	2 15.9	21.3
210817 2001 KY_{74}	15.4	X	247.20549	101.09081	205.32322	12.44372	0.2832922	0.23141802	2.6274710	21	2 12.3	20.3
210818 2001 LL_{7}	15.6	X	197.96682	134.98021	158.44609	13.52382	0.2581079	0.22324185	2.6912393	21	—	—
210819 2001 MH_{10}	16.4	X	239.99950	143.62340	165.58591	5.10204	0.1994609	0.23449317	2.6044493	21	2 16.4	20.6
210820 2001 NY_{3}	16.8	X	283.14876	130.10660	134.84160	13.92131	0.2542597	0.23359967	2.6110863	21	1 27.9	20.9
210821 2001 NN_{5}	16.5	X	92.12671	299.69735	41.08691	5.30886	0.1641401	0.21418259	2.7666015	21	—	—
210822 2001 NJ_{11}	15.8	X	116.45362	169.25092	148.40614	9.39243	0.1966246	0.21481822	2.7611413	21	—	—
210823 2001 NV_{17}	15.2	X	245.66713	40.84347	314.35313	11.24128	0.1063461	0.18830744	3.0145633	21	4 24.7	20.1
210824 2001 NJ_{18}	15.8	X	274.50668	126.70042	153.07753	28.24431	0.2587898	0.23307224	2.6150240	21	2 6.4	20.2
210825 2001 NL_{18}	15.3	X	111.88745	153.99881	196.48228	14.84769	0.2157633	0.21591818	2.7517559	21	—	—
210826 2001 OV_{17}	16.2	X	290.71408	21.76535	215.90952	4.36303	0.1844682	0.23128814	2.6284545	21	1 9.1	20.2
210827 2001 OL_{22}	15.6	X	267.84373	216.81397	176.41979	10.33231	0.2421988	0.19194089	2.9763983	21	6 24.4	20.3
210828 2001 OP_{37}	16.0	X	199.41937	232.91603	16.91677	12.20921	0.2301318	0.21983279	2.7189908	21	—	—
210829 2001 OV_{45}	15.9	X	245.88786	144.37926	115.88762	16.84067	0.2919223	0.22785898	2.6547601	21	—	—
210830 2001 OZ_{52}	15.8	X	207.20271	270.03562	47.76621	7.19847	0.2100880	0.22625485	2.6672934	21	2 4.3	20.5
210831 2001 OB_{84}	15.0	X	259.76224	301.70980	327.34687	30.08698	0.2913134	0.23078444	2.6322776	21	1 21.1	20.0
210832 2001 PG_{5}	15.1	X	195.57112	52.47418	350.19486	15.75807	0.3235085	0.18223162	3.0812024	21	4 29.5	21.0
210833 2001 PQ_{5}	15.7	X	174.94551	354.83374	269.44524	7.07315	0.1809324	0.21464756	2.7626047	21	—	—
210834 2001 PR_{39}	15.1	X	185.89767	59.86101	354.39025	15.70783	0.2288227	0.18140256	3.0905832	21	5 6.7	20.7
210835 2001 PO_{41}	15.0	X	17.82852	104.07718	256.86741	11.94421	0.1170017	0.20237130	2.8732281	21	11 18.9	18.6
210836 2001 PB_{46}	15.1	X	27.90492	339.54591	18.86502	15.63396	0.1499366	0.20493820	2.8491858	21	12 2.6	19.0
210837 2001 PT_{46}	15.8	X	247.70596	224.52844	39.42407	14.09580	0.2550109	0.22651591	2.6652436	21	—	—
210838 2001 PR_{62}	16.0	X	231.19694	176.80004	99.78527	9.77993	0.2701483	0.22549317	2.6732964	21	1 2.9	20.8
210839 2001 QY_{15}	14.9	X	43.94161	195.51604	139.34927	9.92108	0.2803308	0.20502599	2.8483724	21	12 17.6	19.0
210840 2001 QQ_{87}	15.9	X	160.18927	148.01050	125.66595	10.38041	0.1331929	0.21542983	2.7559129	21	—	—
210841 2001 QE_{107}	15.0	X	269.81171	112.05435	212.46775	27.48375	0.2834460	0.23558337	2.5964081	21	3 22.9	19.6
210842 2001 QJ_{126}	16.0	X	208.80831	95.43311	196.59183	7.69835	0.2237357	0.22503115	2.6769543	21	1 3.7	20.8
210843 2001 QE_{146}	16.8	X	171.30248	101.88279	175.58252	6.19829	0.1502445	0.21469417	2.7622049	21	—	—
210844 2001 QK_{184}	15.3	X	140.89681	48.05812	259.81760	7.84185	0.2823356	0.21603280	2.7507825	21	—	—
210845 2001 QA_{192}	15.6	X	32.82222	264.60035	75.68423	4.23858	0.0875671	0.20513689	2.8473457	21	11 11.9	19.4
210846 2001 QF_{211}	15.9	X	335.77835	346.77254	333.32378	10.19710	0.1351527	0.19250638	2.9705666	21	7 15.0	19.4
210847 2001 QY_{214}	15.9	X	299.66337	213.55768	159.02444	10.90790	0.1211747	0.19309404	2.9645365	21	7 25.8	19.8
210848 2001 QD_{241}	15.7	X	163.76895	282.52304	349.67571	11.88438	0.1984649	0.21330577	2.7741780	21	—	—
210849 2001 QD_{253}	16.0	X	34.13162	201.98320	139.63701	10.51643	0.1745197	0.20384517	2.8593617	21	11 29.6	19.9
210850 2001 QX_{267}	15.6	X	197.48431	220.28275	180.95432	8.92864	0.2074781	0.18226107	3.0808704	21	5 8.0	20.9
210851 2001 QD_{275}	16.0	X	188.69491	236.74674	48.12814	5.76147	0.1376942	0.21935078	2.7229725	21	—	—
210852 2001 QN_{283}	15.9	X	180.23152	106.94390	213.48145	8.75606	0.1369263	0.22273358	2.6953319	21	1 8.9	20.2
210853 2001 QJ_{290}	16.7	X	170.01287	23.22057	289.57770	0.58336	0.1345886	0.22049641	2.7135325	21	—	—
210854 2001 QE_{317}	16.1	X	257.82658	222.94593	334.63147	5.65719	0.1694570	0.21843641	2.7305661	21	—	—
210855 2001 RU_{24}	16.1	X	346.93685	13.03760	346.05370	5.75341	0.1053150	0.19864549	2.9090437	21	9 25.6	19.4
210856 2001 RN_{30}	15.9	X	311.86519	299.44497	52.54424	1.63484	0.2044367	0.19295878	2.9659217	21	7 5.7	19.2
210857 2001 RU_{36}	16.2	X	121.33034	96.43539	217.97394	3.37363	0.0942038	0.21332904	2.7739762	21	—	—
210858 2001 RM_{41}	15.8	X	154.56019	100.98334	321.92204	4.66088	0.1415977	0.17838674	3.1253188	21	4 21.6	20.8
210859 2001 RQ_{41}	15.8	X	256.01941	78.89437	328.77516	1.04121	0.1561912	0.19180920	2.9777604	21	7 10.7	20.2
210860 2001 RV_{41}	16.2	X	343.98584	207.11649	160.08967	2.44743	0.0919220	0.19903577	2.9052396	21	10 3.4	19.5
210861 2001 RF_{46}	15.4	X	186.34257	48.94554	358.73933	16.04008	0.2387937	0.17950754	3.1122962	21	4 29.5	21.0
210862 2001 RF_{53}	15.9	X	165.38433	60.89621	228.22696	4.10802	0.1212810	0.21596771	2.7513351	21	—	—
210863 2001 RS_{60}	15.9	X	131.52729	294.38768	26.80149	9.56900	0.1982455	0.21369971	2.7707676	21	—	—
210864 2001 RG_{62}	15.6	X	87.57965	253.22714	40.58214	6.87701	0.0386976	0.20325338	2.8649092	21	11 14.2	19.5
210865 2001 RM_{84}	15.6	X	188.23392	210.70251	189.86590	8.16888	0.2085889	0.18056704	3.1001097	21	4 29.5	20.9
210866 2001 RB_{85}	15.0	X	128.56603	87.84639	329.27067	15.18882	0.1301641	0.17518349	3.1633015	21	3 15.9	19.9
210867 2001 RM_{99}	16.1	X	111.70329	177.00142	152.30888	5.08257	0.0675810	0.21328246	2.7743801	21	—	—
210868 2001 RO_{108}	16.2	X	6.66636	325.05635	34.23615	2.30706	0.0856044	0.20158287	2.8807151	21	10 28.0	19.7
210869 2001 RE_{112}	16.6	X	78.13025	229.97065	150.68852	5.43754	0.1293082	0.21310789	2.7758950	21	—	—
210870 2001 RE_{118}	15.7	X	112.64562	308.62198	1.50275	6.20638	0.0286177	0.20913921	2.8109022	21	—	—
210871 2001 RY_{124}	15.8	X	168.75698	52.42014	5.97130	10.99475	0.1926086	0.17932161	3.1144471	21	4 30.1	21.1
210872 2001 RL_{126}	16.0	X	131.48957	250.52989	66.12389	4.47611	0.1320884	0.21347409	2.7727195	21	—	—
210873 2001 RN_{138}	16.1	X	4.01491	236.36434	146.03361	2.71997	0.1066162	0.20315423	2.8658413	21	11 26.1	19.5
210874 2001 RH_{155}	15.9	X	142.91325	91.52438	15.04954	3.33218	0.1475663	0.17982577	3.1086233	21	6 4.3	20.9
210875 2001 SK_{5}	15.5	X	275.49590	235.19188	153.01631	2.70578	0.0763164	0.19057246	2.9906295	21	7 20.4	19.6
210876 2001 SY_{13}	16.2	X	13.86831	176.44012	166.81248	6.02014	0.0688009	0.19945254	2.9011911	21	10 17.5	19.9
210877 2001 SR_{14}	15.4	X	315.33798	209.23115	180.67422	12.08895	0.0652060	0.19653286	2.9298537	21	9 18.9	19.1
210878 2001 SH_{32}	15.9	X	120.52570	74.74998	13.41663	15.42142	0.2356358	0.17347727	3.1840093	21	4 26.6	21.0
210879 2001 ST_{38}	15.6	X	61.69500	104.36030	185.14859	10.05454	0.0375207	0.19618429	2.9333231	21	10 7.9	19.6
210880 2001 SH_{51}	15.6	X	28.67555	199.68918	155.07841	4.87451	0.0443466	0.20186725	2.8780089	21	11 19.0	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210881 2001 SN_{61}	15.4	X	231.05064	207.78376	174.25208	1.14661	0.1811217	0.18232509	3.0801492	21	5 12.8	20.4
210882 2001 SE_{72}	17.3	X	76.61070	198.85661	168.59332	7.03433	0.2310187	0.30809857	2.1710822	21	—	—
210883 2001 SE_{78}	16.2	X	137.93116	300.66490	5.65133	3.81732	0.0866993	0.21219670	2.7838359	21	—	—
210884 2001 SF_{82}	16.1	X	114.97678	24.54699	292.96641	2.85432	0.0945451	0.21221687	2.7836595	21	—	—
210885 2001 SO_{86}	16.9	X	128.22545	130.02532	180.25072	3.04959	0.2593898	0.21434466	2.7652067	21	—	—
210886 2001 SO_{87}	15.9	X	112.51898	120.46950	209.07713	3.75926	0.0215699	0.21239758	2.7820804	21	—	—
210887 2001 SL_{93}	16.3	X	321.46679	347.96705	348.11151	9.51633	0.0980858	0.19186577	2.9771751	21	7 16.9	20.1
210888 2001 SA_{94}	15.9	X	24.14006	98.17202	233.17411	2.30531	0.0589177	0.19963929	2.8993815	21	10 13.4	19.5
210889 2001 SR_{105}	17.1	X	121.17188	130.72757	250.11718	5.29834	0.1403128	0.31612210	2.1341887	21	—	—
210890 2001 SN_{126}	15.7	X	312.17630	26.95454	327.89030	8.92744	0.0982382	0.19231581	2.9725287	21	7 27.1	19.4
210891 2001 SV_{128}	15.6	X	66.32613	205.12760	191.91740	14.36480	0.2113574	0.21165126	2.7886167	21	—	—
210892 2001 ST_{132}	15.9	X	311.92018	134.25489	205.85501	4.31848	0.0956927	0.19020049	2.9945274	21	7 4.8	19.9
210893 2001 SP_{133}	16.0	X	223.00076	75.13808	196.30619	13.10322	0.1257884	0.21935906	2.7229040	21	—	—
210894 2001 SZ_{134}	16.9	X	108.36534	175.45304	195.96292	3.55832	0.1035228	0.21510816	2.7586597	21	—	—
210895 2001 SN_{154}	15.5	X	139.07188	257.69476	194.08954	16.80324	0.2042645	0.17635612	3.1492637	21	5 20.2	20.8
210896 2001 SD_{162}	14.6	X	138.54725	92.80860	20.93974	25.35496	0.2199338	0.17721518	3.1390779	21	6 9.1	20.2
210897 2001 SB_{166}	15.7	X	215.16809	27.05526	11.74174	1.77422	0.2564160	0.18321369	3.0701819	21	5 15.4	21.2
210898 2001 SA_{167}	15.9	X	242.89626	232.21678	164.03780	1.40724	0.1868733	0.18659111	3.0330210	21	6 9.4	20.7
210899 2001 SY_{171}	16.0	X	241.41778	238.38839	169.55058	10.33755	0.1546679	0.18634675	3.0356719	21	6 25.3	20.8
210900 2001 SL_{177}	14.9	X	29.21401	301.76861	29.81090	17.87057	0.1629351	0.19861385	2.9093527	21	11 2.2	18.4
210901 2001 SY_{189}	16.3	X	122.59724	134.53326	159.97439	4.69823	0.0410795	0.20919510	2.8104016	21	12 27.1	20.4
210902 2001 SO_{201}	15.7	X	170.64857	292.93475	146.77078	1.76631	0.1636250	0.18189528	3.0849995	21	5 29.8	20.7
210903 2001 SD_{205}	16.1	X	286.45661	207.19454	171.41385	11.79301	0.0920219	0.19117242	2.9843693	21	7 18.9	20.3
210904 2001 SR_{218}	16.5	X	238.77520	264.24621	9.70903	7.04834	0.2800127	0.22422304	2.6833824	21	1 6.1	21.4
210905 2001 SL_{219}	15.6	X	207.01844	83.00281	7.40875	11.22574	0.0364053	0.18898827	3.0073189	21	7 24.9	20.1
210906 2001 SQ_{219}	15.5	X	203.07049	70.41230	12.37770	9.18961	0.1341516	0.18603999	3.0390081	21	7 3.1	20.5
210907 2001 SG_{220}	16.0	X	241.57069	274.65013	128.74526	2.32956	0.1587372	0.18692878	3.0293673	21	6 19.5	20.7
210908 2001 SS_{229}	15.4	X	23.50509	265.34902	27.41428	11.42178	0.0443208	0.19152099	2.9807471	21	8 27.0	19.5
210909 2001 SX_{229}	16.0	X	170.34030	287.87111	123.34637	2.00610	0.1768614	0.17695260	3.1421826	21	4 26.6	21.1
210910 2001 SB_{240}	15.9	X	277.28526	306.52817	52.96671	4.04988	0.1033092	0.18680516	3.0307037	21	6 11.3	20.2
210911 2001 SJ_{242}	16.1	X	127.24453	246.22769	184.01742	4.90703	0.1912938	0.17225371	3.1990694	21	4 11.7	21.1
210912 2001 SR_{243}	15.3	X	248.24185	233.45104	180.49286	13.03147	0.1897830	0.18722423	3.0261795	21	7 5.1	20.2
210913 2001 SU_{250}	15.6	X	130.16271	271.97668	195.57565	24.75144	0.2887523	0.17444917	3.1721724	21	6 5.2	21.4
210914 2001 SS_{251}	15.2	X	278.02310	157.58839	200.19840	13.66031	0.1147002	0.18533841	3.0466724	21	6 9.1	19.7
210915 2001 SL_{257}	16.0	X	152.45916	287.24006	32.22188	5.96761	0.2009483	0.21425909	2.7659429	21	—	—
210916 2001 SP_{258}	16.4	X	57.66922	112.81414	176.34315	7.86947	0.0788408	0.19943118	2.9013983	21	10 9.2	20.3
210917 2001 SE_{263}	16.1	X	334.79043	336.33969	42.40332	9.01227	0.1568005	0.19714944	2.9237418	21	10 4.6	19.2
210918 2001 SP_{273}	16.4	X	162.50058	358.77326	298.76629	1.06769	0.2338508	0.21518563	2.7579975	21	—	—
210919 2001 SS_{301}	15.7	X	120.18726	271.21625	351.07511	8.32646	0.0342937	0.20283015	2.8688932	21	11 10.9	20.0
210920 2001 SV_{313}	15.3	X	154.45045	10.35175	71.55868	11.90741	0.1283383	0.17890049	3.1193327	21	5 17.0	20.1
210921 2001 SA_{328}	15.7	X	302.94600	284.90078	48.83533	5.20695	0.1101424	0.18888180	3.0084489	21	6 11.0	19.7
210922 2001 SO_{336}	16.0	X	284.18250	189.36541	182.86573	8.87714	0.0993896	0.19069755	2.9893216	21	7 6.8	20.2
210923 2001 SQ_{336}	15.5	X	151.92663	110.44662	351.37111	12.20888	0.1164048	0.18333794	3.0687946	21	6 3.5	20.5
210924 2001 ST_{353}	14.9	X	165.92097	53.13665	20.64319	26.30333	0.2052652	0.17561604	3.1581053	21	5 11.1	20.5
210925 2001 TD_{5}	15.6	X	131.41557	268.55841	200.55267	10.78174	0.0828004	0.18014521	3.1049473	21	5 22.2	20.3
210926 2001 TM_{10}	15.8	X	216.10990	25.93167	37.46670	9.90683	0.1485725	0.18398614	3.0615825	21	6 19.4	20.8
210927 2001 TH_{22}	16.2	X	129.34991	326.28240	347.63998	1.99107	0.2470680	0.21208238	2.7848362	21	—	—
210928 2001 TN_{29}	16.1	X	345.97158	177.65033	206.92714	5.72438	0.0790971	0.19769936	2.9183175	21	10 28.7	19.7
210929 2001 TP_{74}	15.1	X	305.51050	118.54134	197.88619	8.01118	0.1072968	0.18306555	3.0718380	21	5 25.0	19.3
210930 2001 TR_{101}	17.7	X	234.27347	327.80800	358.71517	1.14682	0.2031153	0.27680206	2.3317921	21	2 28.4	21.4
210931 2001 TZ_{125}	15.1	X	355.49487	207.88333	127.90871	12.17266	0.1368315	0.19327038	2.9627330	21	9 13.5	18.6
210932 2001 TY_{160}	16.1	X	43.12548	172.30032	198.68104	11.75912	0.0684743	0.20611449	2.8383353	21	12 29.4	20.2
210933 2001 TV_{163}	16.1	X	8.48924	149.68525	200.21665	3.43947	0.0951336	0.19763341	2.9189667	21	10 18.8	19.7
210934 2001 TX_{172}	15.7	X	24.02565	308.54219	34.42607	10.09138	0.0733638	0.19872164	2.9083004	21	10 30.2	19.5
210935 2001 TU_{174}	15.8	X	191.68659	14.10293	82.19295	0.69753	0.1913247	0.18495219	3.0509123	21	7 6.8	20.8
210936 2001 TU_{182}	15.5	X	318.89843	13.22336	359.06654	10.58122	0.0626293	0.19075424	2.9887293	21	9 3.3	19.3
210937 2001 TH_{184}	15.8	X	210.44648	302.42562	212.69807	10.24281	0.0385708	0.19748975	2.9203821	21	10 15.3	19.9
210938 2001 TS_{188}	15.8	X	354.82172	351.04979	19.35956	6.23102	0.1003812	0.19565727	2.9385882	21	10 23.5	19.2
210939 Bödök	15.5	X	138.94783	332.31645	92.75543	6.36645	0.1925598	0.17409390	3.1764865	21	4 18.6	20.6
210940 2001 TR_{199}	15.8	X	141.47555	248.62361	86.56550	5.66770	0.1547756	0.21545884	2.7556655	21	—	—
210941 2001 TF_{205}	15.1	X	145.26625	20.72720	49.00860	17.00058	0.1358282	0.17605535	3.1528494	21	4 25.4	20.1
210942 2001 TT_{209}	15.6	X	193.99443	77.56034	347.99027	7.34714	0.0889820	0.18161171	3.0882099	21	6 1.7	20.5
210943 2001 TJ_{228}	14.6	X	151.78060	213.02199	237.75448	26.43336	0.1499529	0.17903927	3.1177206	21	5 25.0	19.6
210944 2001 TO_{230}	15.0	X	276.00945	42.68636	307.94520	15.22758	0.0687639	0.18370839	3.0646676	21	6 2.8	19.6
210945 2001 TC_{241}	15.2	X	281.76605	326.76932	17.23303	10.04083	0.1621007	0.18238869	3.0794331	21	5 17.4	19.7
210946 2001 TL_{241}	15.6	X	23.19158	252.00547	42.95528	10.94854	0.0870468	0.19016839	2.9948644	21	9 2.8	19.6
210947 2001 TE_{256}	15.0	X	243.41115	280.47725	122.03344	11.15773	0.1094869	0.18585959	3.0409742	21	6 25.8	19.5
210948 2001 UP_{21}	15.2	X	321.70112	36.53705	319.37946	10.03781	0.0689280	0.19227071	2.9729935	21	8 13.6	19.1
210949 2001 UT_{26}	16.2	X	184.24577	108.33944	205.14068	7.94611	0.0855597	0.21460131	2.7630016	21	1 3.3	20.5
210950 2001 UK_{43}	14.9	X	112.63634	292.44785	207.03678	9.59515	0.0224643	0.18010876	3.1053662	21	5 30.2	19.3
210951 2001 UE_{45}	17.7	X	25.52444	263.15708	164.25271	1.47829	0.2029183	0.30680760	2.1771681	21	—	—
210952 2001 UR_{45}	14.9	X	118.82635	264.41768	211.23218	18.66578	0.1735192	0.17468041	3.1693722	21	5 26.1	19.9
210953 2001 UQ_{46}	15.7	X	333.44996	328.12464	57.41600	10.08602	0.1327757	0.19471325	2.9480785	21	10 12.7	19.2
210954 2001 UM_{60}	16.3	X	188.32448	20.67822	252.41463	3.30932	0.0290254	0.21232766	2.7826911	21	—	—
210955 2001 UU_{80}	15.6	X	179.29636	259.14730	197.55042	5.01004	0.1509848	0.18086666	3.0966851	21	6 26.5	20.6
210956 2001 UG_{92}	15.0	X	238.41460	148.97659	217.26067	8.73527	0.1235727	0.18013963	3.1050114	21	5 5.1	19.9
210957 2001 UM_{102}	15.9	X	347.33450	202.42954	140.54814	3.55804	0.0887322	0.19297145	2.9657919	21	9 5.4	19.4
210958 2001 UL_{104}	15.9	X	251.98906	6.70084	82.52085	2.35627	0.0216793	0.19252110	2.9704152	21	9 16.9	20.0
210959 2001 UD_{128}	15.8	X	342.30714	341.09849	344.34077	10.05029	0.2656597	0.19263681	2.9692256	21	7 26.8	18.4
210960 2001 UG_{128}	16.0	X	248.18107	38.54453	0.31292	13.39616	0.1946551	0.18536068	3.0464284	21	6 16.1	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
210961 2001 UD_{140}	16.0	X	303.16002	345.44598	71.59295	3.22446	0.0964458	0.19478321	2.9473726	21	10 5.1	19.6
210962 2001 UZ_{140}	17.6	X	28.71649	38.63538	44.49118	2.81146	0.0559972	0.31040709	2.1603044	21	—	—
210963 2001 UT_{158}	15.5	X	329.28340	274.65104	80.18048	6.27803	0.0882464	0.18866350	3.0107691	21	8 25.1	19.3
210964 2001 UK_{164}	15.0	X	208.07896	200.14657	197.27906	9.76200	0.0916830	0.17862582	3.1225296	21	5 15.3	19.9
210965 2001 UL_{179}	15.7	X	25.55662	321.10508	22.04369	9.03528	0.2025829	0.19870469	2.9084658	21	11 17.8	19.3
210966 2001 UJ_{191}	15.7	X	270.18486	25.92963	359.66180	9.11331	0.0689662	0.18847483	3.0127781	21	7 13.6	20.1
210967 2001 UQ_{208}	16.0	X	243.31526	43.85791	6.59229	7.12148	0.0933826	0.18719030	3.0265452	21	7 8.5	20.5
210968 2001 UP_{210}	15.4	X	139.73552	57.19074	42.63924	9.50380	0.1051627	0.17929080	3.1148039	21	5 19.8	20.1
210969 2001 VH	17.6	X	13.29885	80.24226	5.40572	4.88713	0.1715579	0.30668241	2.1777606	21	—	—
210970 2001 VP_{7}	16.9	X	21.19609	115.61107	50.52418	2.01586	0.1181007	0.26864997	2.3787284	21	2 14.7	19.3
210971 2001 VS_{7}	17.6	X	109.58057	344.70234	27.98091	3.10620	0.2158953	0.31305879	2.1480882	21	—	—
210972 2001 VN_{58}	15.6	X	198.85494	40.68674	13.03761	9.98455	0.0892098	0.17907092	3.1173531	21	5 22.1	20.5
210973 2001 VZ_{59}	15.3	X	156.49200	51.23593	28.01115	13.43649	0.1459566	0.17525091	3.1624903	21	5 12.9	20.5
210974 2001 VZ_{60}	15.5	X	144.86021	80.85057	29.52892	16.15691	0.2283793	0.17585683	3.1552217	21	6 14.2	21.1
210975 2001 VE_{61}	15.7	X	131.89714	320.81639	1.45831	7.68229	0.2157461	0.20992010	2.8039269	21	—	—
210976 2001 VK_{68}	15.0	X	182.40717	28.63607	340.91196	12.80804	0.1681251	0.17311892	3.1884016	21	3 16.1	20.4
210977 2001 VV_{83}	15.7	X	133.68498	71.57108	22.14199	8.74382	0.2011139	0.17449985	3.1715582	21	5 14.0	20.9
210978 2001 VW_{83}	15.3	X	260.87795	104.06577	268.29402	8.54026	0.0634945	0.18267507	3.0762138	21	6 13.5	19.7
210979 2001 VG_{86}	15.5	X	162.09096	32.87019	34.07619	9.50894	0.0936508	0.17432514	3.1736769	21	5 2.6	20.4
210980 2001 VP_{107}	15.5	X	131.90982	29.98811	47.48219	9.99212	0.0942852	0.17144037	3.2091793	21	4 16.6	20.2
210981 2001 VW_{109}	17.8	X	173.64009	65.48357	288.50812	0.75200	0.1443214	0.31846788	2.1236957	21	1 30.3	20.5
210982 2001 VZ_{125}	15.8	X	210.71324	166.71952	226.87867	4.23906	0.1542687	0.17817424	3.1278033	21	5 9.8	20.8
210983 Wadeparker	14.9	X	301.74576	166.02663	169.03700	15.27224	0.0601683	0.18276186	3.0752399	21	6 19.6	19.4
210984 2001 WM	15.8	X	187.53082	255.88920	14.05634	6.07030	0.2192526	0.21276413	2.7788842	21	—	—
210985 2001 WE_{42}	15.5	X	135.26913	50.16118	63.54637	10.41871	0.0572020	0.17768431	3.1335502	21	5 28.4	20.0
210986 2001 WZ_{53}	16.0	X	92.83519	41.87685	251.55153	2.18747	0.0432067	0.19865570	2.9089440	21	11 20.2	20.2
210987 2001 WM_{57}	16.5	X	152.31762	87.69502	229.96534	6.42766	0.2206049	0.21231798	2.7827757	21	—	—
210988 2001 WP_{57}	15.7	X	173.42626	81.16116	32.81411	10.00150	0.0599516	0.18385918	3.0629918	21	7 13.3	20.4
210989 2001 WP_{63}	15.2	X	307.73854	270.47135	49.23465	9.75876	0.0866192	0.18088853	3.0964354	21	6 2.4	19.4
210990 2001 WN_{77}	16.0	X	276.62993	318.47088	63.22684	10.77353	0.1043335	0.18529872	3.0471074	21	7 10.1	20.3
210991 2001 WK_{90}	14.9	X	123.04723	250.77765	263.13764	16.92952	0.0412786	0.18020676	3.1042403	21	6 30.9	19.4
210992 2001 WY_{92}	15.3	X	167.03680	9.39343	28.61823	8.95213	0.1340274	0.17193650	3.2030029	21	4 6.9	20.3
210993 2001 XH_{8}	15.0	X	86.03726	19.38439	128.90450	15.06797	0.1099220	0.17171666	3.2057361	21	5 24.5	19.7
210994 2001 XV_{8}	15.8	X	212.71135	30.79154	350.68038	4.91279	0.1923300	0.17603678	3.1530712	21	4 24.3	21.2
210995 2001 XB_{10}	17.1	X	331.96492	352.32451	52.93215	6.15535	0.1857168	0.29457774	2.2370177	21	11 30.2	18.6
210996 2001 XY_{19}	16.9	X	39.92338	327.15150	63.89556	8.46687	0.1438068	0.30137592	2.2032495	21	—	—
210997 Guenat	17.0	X	99.01214	316.72070	82.27157	4.92247	0.1071026	0.31103432	2.1573992	21	—	—
210998 2001 XF_{46}	16.3	X	281.03653	335.72569	73.54444	26.11093	0.2569519	0.28587917	2.2821685	21	8 6.3	19.6
210999 2001 XR_{49}	15.3	X	211.40982	181.71775	233.07415	5.21776	0.0327061	0.17931350	3.1145410	21	6 11.4	19.8
211000 2001 XF_{121}	15.7	X	117.01513	331.80818	150.17098	3.16499	0.1557240	0.17415719	3.1757169	21	5 30.2	20.5
211001 2001 XD_{128}	15.6	X	247.84645	328.04259	93.65356	4.08614	0.0525637	0.18426469	3.0584964	21	8 2.0	20.0
211002 2001 XT_{136}	17.9	X	88.43581	201.40700	233.19000	0.43115	0.0702992	0.31426546	2.1425861	21	1 14.1	19.9
211003 2001 XQ_{155}	17.6	X	244.00509	273.44541	186.12610	1.77720	0.1577167	0.28721461	2.2750889	21	9 7.3	20.5
211004 2001 XH_{171}	16.1	X	307.95568	280.88974	132.66504	3.70546	0.1382976	0.19031092	2.9933689	21	10 2.6	19.7
211005 2001 XE_{181}	16.8	X	34.50163	102.30234	277.24783	6.30265	0.1227573	0.29799530	2.2198814	21	—	—
211006 2001 XT_{181}	16.7	X	309.27210	358.60968	112.17132	7.11557	0.0982886	0.29671502	2.2262625	21	—	—
211007 2001 XD_{182}	16.9	X	350.92352	187.52502	250.67211	5.06864	0.1340231	0.29889935	2.2154030	21	—	—
211008 2001 XY_{205}	15.3	X	116.97262	16.43718	104.34914	7.91315	0.1348334	0.17231434	3.1983189	21	5 27.2	20.1
211009 2001 XR_{245}	15.6	X	106.53289	99.80428	52.64604	1.85164	0.1253080	0.17553076	3.1591280	21	6 21.3	20.2
211010 2001 XE_{263}	15.7	X	96.57534	77.80880	61.96234	2.04360	0.1702807	0.17269185	3.1936561	21	5 30.9	20.3
211011 2001 YC_{12}	16.1	X	223.00533	333.90524	66.80811	1.65428	0.1848154	0.18047889	3.1011190	21	5 27.7	21.0
211012 2001 YS_{13}	16.1	X	206.64744	116.91965	232.78402	4.78261	0.0659643	0.21938213	2.7227132	21	3 9.4	20.1
211013 2001 YK_{33}	16.1	X	295.22295	181.06423	20.71928	4.21092	0.0431974	0.20933112	2.8091840	21	—	—
211014 2001 YH_{56}	17.2	X	354.55295	153.22684	284.52294	5.50532	0.1140587	0.30125286	2.2038495	21	—	—
211015 2001 YM_{79}	17.0	X	261.44006	216.72292	302.64320	5.04908	0.0804798	0.29593792	2.2301580	21	—	—
211016 2001 YL_{82}	16.7	X	273.14905	227.73707	309.33558	6.75333	0.0339275	0.30042911	2.2078762	21	—	—
211017 2001 YR_{95}	16.9	X	341.92584	147.02142	1.72178	4.20343	0.0639913	0.30615081	2.1802809	21	—	—
211018 2001 YD_{99}	15.7	X	190.01632	295.24713	86.72561	2.20322	0.1532811	0.17163501	3.2067527	21	4 9.1	20.8
211019 2001 YE_{153}	15.2	X	158.31073	45.25867	29.44432	13.30060	0.0923884	0.17018373	3.2249577	21	5 6.9	20.1
211020 2001 YZ_{154}	15.2	X	96.35885	135.18832	57.12112	16.71659	0.0307191	0.18025878	3.1036430	21	7 18.9	19.8
211021 Johnpercin	17.2	X	303.61664	98.63430	354.07022	6.84703	0.0486151	0.29356508	2.2421592	21	12 15.0	19.7
211022 2002 AN_{15}	15.0	X	152.67505	45.99788	48.01069	16.33120	0.0376405	0.17016958	3.2251364	21	5 21.2	19.7
211023 2002 AH_{21}	17.0	X	244.57601	131.82893	87.12777	7.96101	0.1174508	0.30093841	2.2053844	21	—	—
211024 2002 AB_{31}	17.6	X	277.08701	61.10159	155.11736	1.39480	0.0711904	0.30526520	2.1844956	21	—	—
211025 2002 AR_{32}	16.9	X	266.68624	29.24857	160.68779	5.87977	0.0896426	0.29827508	2.2184930	21	—	—
211026 2002 AV_{70}	16.9	X	90.30771	64.11047	287.47009	5.45356	0.1169543	0.30351366	2.1928919	21	—	—
211027 2002 AX_{108}	16.9	X	348.04429	0.97320	102.05339	5.64802	0.0860293	0.29999896	2.2099861	21	—	—
211028 2002 AS_{117}	16.9	X	0.49491	19.03193	74.08779	2.01092	0.1531977	0.29999682	2.2099966	21	—	—
211029 2002 AE_{127}	17.5	X	198.78141	58.98349	131.81383	5.78934	0.0969216	0.29030435	2.2589174	21	11 25.7	20.5
211030 2002 AO_{144}	17.9	X	289.56502	211.10919	296.64872	1.61242	0.0813635	0.29774317	2.2211344	21	—	—
211031 2002 AC_{159}	17.2	X	220.07516	184.42018	263.40313	1.98852	0.1294869	0.27954949	2.3164890	21	7 27.3	20.4
211032 2002 AK_{159}	16.7	X	82.25644	211.70831	144.65805	5.57691	0.2125893	0.29926758	2.2135853	21	—	—
211033 2002 AH_{165}	17.2	X	224.87070	149.39655	283.49712	3.81034	0.1371253	0.27832562	2.3232748	21	7 11.8	20.5
211034 2002 AZ_{181}	16.8	X	55.76006	282.15049	93.14474	5.95006	0.1870815	0.30212603	2.1996012	21	—	—
211035 2002 AJ_{183}	15.1	X	221.60116	55.17331	318.70547	11.81014	0.1847662	0.17963715	3.1107990	21	4 18.9	20.5
211036 2002 BR_{14}	17.0	X	270.98766	211.86056	278.63443	3.24323	0.1014950	0.29075304	2.2565929	21	12 11.2	19.3
211037 2002 BX_{27}	17.1	X	288.61449	51.89262	20.49084	6.03676	0.1683352	0.28855679	2.2680285	21	10 5.8	18.9
211038 2002 CW_{10}	16.2	X	247.96254	140.40495	50.28174	26.19325	0.1462841	0.29169629	2.2517255	21	—	—
211039 2002 CD_{12}	16.5	X	225.43164	159.76311	334.09170	23.92758	0.2122956	0.28523300	2.2856139	21	9 17.0	20.1
211040 2002 CR_{19}	17.4	X	17.11031	33.78919	51.77758	3.52732	0.1464570	0.30198216	2.2002998	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211041 2002 CN_{22}	17.1	X	148.75318	106.76571	111.11886	2.72796	0.1806969	0.28297528	2.2977550	21	11 3.5	20.6
211042 2002 CL_{25}	15.9	X	299.14993	59.82344	2.94205	23.96993	0.3219638	0.28593860	2.2818523	21	9 17.1	17.5
211043 2002 CL_{34}	17.0	X	0.92429	95.49785	343.51604	7.33549	0.1191157	0.29892102	2.2152959	21	—	—
211044 2002 CZ_{34}	17.0	X	318.67329	20.08566	68.68425	5.12411	0.1481965	0.29354099	2.2422819	21	—	—
211045 2002 CE_{43}	16.3	X	288.62084	110.76164	348.85490	27.13091	0.2188376	0.29011910	2.2598789	21	10 21.8	19.0
211046 2002 CU_{43}	16.0	X	164.34041	288.32760	341.43554	25.25276	0.1313045	0.29181943	2.2510920	21	—	—
211047 2002 CX_{43}	17.2	X	169.98118	125.36488	121.00107	6.20471	0.1608770	0.29163332	2.2520496	21	12 29.3	20.6
211048 2002 CD_{50}	16.3	X	177.41460	318.11707	260.53960	4.79858	0.1332350	0.28690822	2.2767083	21	12 2.7	19.4
211049 2002 CY_{51}	16.9	X	234.40791	207.22967	336.02041	3.06906	0.0885071	0.29079190	2.2563918	21	—	—
211050 2002 CL_{52}	17.5	X	246.88630	182.20590	343.91937	2.57317	0.1627988	0.29020785	2.2594181	21	12 13.6	19.8
211051 2002 CP_{52}	16.9	X	139.60652	239.74770	352.17165	3.07917	0.1140586	0.28276949	2.2988697	21	11 10.3	20.3
211052 2002 CV_{60}	17.0	X	310.18383	346.45257	87.65961	7.99457	0.1039501	0.29029908	2.2589448	21	11 28.0	19.0
211053 2002 CF_{64}	16.7	X	288.64552	50.64885	51.07226	6.40137	0.1815024	0.29055048	2.2576415	21	11 19.1	18.5
211054 2002 CO_{91}	16.8	X	181.05687	119.65718	127.35530	5.85619	0.1345152	0.29124463	2.2540529	21	—	—
211055 2002 CO_{97}	17.0	X	216.21140	120.85590	108.16676	3.80268	0.1124210	0.29367478	2.2416008	21	—	—
211056 2002 CY_{113}	17.0	X	192.83554	223.27567	74.83908	2.24734	0.0409607	0.30265445	2.1970402	21	—	—
211057 2002 CP_{126}	16.9	X	221.44282	237.82301	326.94633	3.65908	0.0968926	0.29208400	2.2497324	21	—	—
211058 2002 CR_{126}	17.5	X	218.34390	215.77589	306.16251	1.29049	0.1521411	0.28633814	2.2797291	21	10 31.9	20.7
211059 2002 CK_{128}	16.8	X	187.78090	294.05323	162.54057	5.24805	0.0704711	0.27505036	2.3416819	21	7 5.2	20.0
211060 2002 CX_{131}	17.4	X	258.56762	194.69360	290.22308	2.62361	0.1070282	0.28776942	2.2721637	21	11 10.7	20.0
211061 2002 CA_{137}	16.9	X	256.10241	103.66196	76.88864	6.55098	0.1700909	0.29504771	2.2346416	21	—	—
211062 2002 CH_{137}	16.8	X	40.45140	33.26671	355.87065	5.79683	0.1878003	0.29860951	2.2168363	21	—	—
211063 2002 CD_{155}	16.9	X	300.30212	165.12976	9.58643	3.40797	0.0724139	0.30296817	2.1955233	21	—	—
211064 2002 CM_{160}	17.3	X	300.11893	18.32053	82.81842	6.87637	0.1232563	0.29364936	2.2417302	21	12 19.2	19.2
211065 2002 CQ_{168}	16.7	X	194.58062	111.56615	91.74227	7.62634	0.0353940	0.28870347	2.2672603	21	12 13.3	19.3
211066 2002 CC_{174}	16.8	X	161.60927	171.73190	53.28036	3.51398	0.1140204	0.28567622	2.2832493	21	11 25.4	20.0
211067 2002 CN_{183}	17.0	X	176.29684	155.36078	136.56044	5.24011	0.0802140	0.30008081	2.2095843	21	—	—
211068 2002 CF_{199}	16.8	X	127.20067	338.74690	327.31281	7.09852	0.1646900	0.29389507	2.2404806	21	—	—
211069 2002 CT_{210}	16.9	X	295.12365	69.63634	3.60579	5.22078	0.1223496	0.28663501	2.2781548	21	10 23.9	18.9
211070 2002 CN_{213}	16.8	X	247.77234	47.25885	84.83103	7.52446	0.0890450	0.28679888	2.2772869	21	11 10.8	19.5
211071 2002 CW_{216}	16.7	X	126.09778	258.34538	5.54831	6.86264	0.0930280	0.28585433	2.2823007	21	12 7.3	20.0
211072 2002 CH_{223}	17.0	X	293.08143	138.91717	270.85386	3.61945	0.1660815	0.28398170	2.2923230	21	9 5.3	19.2
211073 2002 CS_{240}	17.1	X	206.03605	220.85464	334.09439	6.55501	0.1240481	0.28717585	2.2752935	21	12 3.3	20.2
211074 2002 CF_{241}	16.5	X	229.31403	252.52854	233.91867	2.57528	0.1132401	0.28233378	2.3012342	21	10 1.2	19.6
211075 2002 CY_{244}	16.7	X	54.19491	28.90501	5.42891	6.85930	0.1279702	0.29972879	2.2113140	21	—	—
211076 2002 CU_{253}	16.5	X	293.76595	74.02683	47.32726	5.42165	0.0829089	0.29260061	2.2470836	21	—	—
211077 2002 CT_{271}	16.0	X	111.95664	152.58084	118.47623	2.74556	0.0300526	0.18590247	3.0405065	21	11 12.9	20.3
211078 2002 EG_{3}	16.8	X	146.50044	96.14284	174.38155	23.36685	0.2756310	0.28543270	2.2845477	21	—	—
211079 2002 EL_{8}	17.0	X	262.22595	346.76082	154.98053	3.24171	0.0224509	0.28864454	2.2675689	21	12 23.4	19.5
211080 2002 EC_{12}	17.0	X	216.81459	126.11413	70.60409	2.18830	0.1672765	0.28851913	2.2682259	21	12 14.1	19.8
211081 2002 EA_{15}	17.7	X	63.65906	93.34064	181.48240	1.99511	0.2083947	0.27737821	2.3285621	21	10 26.5	20.7
211082 2002 EN_{22}	16.7	X	199.62948	103.90490	116.97151	5.74974	0.1633167	0.28898174	2.2658046	21	12 26.6	19.8
211083 2002 EZ_{32}	16.8	X	181.27678	75.25404	97.22770	4.65941	0.0750692	0.28222097	2.3018474	21	10 13.5	19.9
211084 2002 EY_{34}	16.3	X	149.48840	160.77507	35.03300	6.95679	0.0650826	0.27940887	2.3172662	21	10 6.6	19.3
211085 2002 EV_{44}	17.1	X	135.51105	60.79901	182.71170	5.72437	0.0916503	0.28350750	2.2948784	21	11 23.0	20.3
211086 2002 EP_{49}	17.3	X	302.24018	102.07695	340.57466	5.65857	0.1158839	0.28823702	2.2697057	21	11 21.6	19.6
211087 2002 ED_{52}	17.7	X	184.95972	24.44443	141.03476	2.76804	0.1515254	0.28110594	2.3079304	21	10 2.2	21.2
211088 2002 EX_{61}	17.4	X	248.88191	310.08224	178.34650	6.40983	0.0491636	0.28530247	2.2852429	21	11 12.8	20.1
211089 2002 EL_{62}	17.0	X	261.09937	261.11566	196.62280	4.67037	0.1184099	0.28343574	2.2952658	21	10 4.5	19.4
211090 2002 EJ_{69}	16.9	X	179.80549	329.74676	185.51752	7.23999	0.1260961	0.27796930	2.3252599	21	9 12.4	20.5
211091 2002 EP_{71}	17.2	X	180.03892	59.96567	197.87112	6.32801	0.1992944	0.28902797	2.2655630	21	—	—
211092 2002 EX_{71}	16.8	X	110.34738	295.36658	333.28482	4.89584	0.1112228	0.28172877	2.3045276	21	11 26.7	20.2
211093 2002 EM_{77}	16.9	X	53.53403	323.95777	346.19725	6.04253	0.1896957	0.28071694	2.3100620	21	11 26.2	20.0
211094 2002 EA_{81}	17.2	X	175.75657	282.36355	319.42721	2.69272	0.1870079	0.28806355	2.2706168	21	12 26.7	20.6
211095 2002 EL_{89}	16.8	X	216.96848	33.91156	192.30923	8.02616	0.1552291	0.29302165	2.2449305	21	—	—
211096 2002 EQ_{91}	16.9	X	265.84712	32.78894	50.42994	1.46524	0.1813022	0.28217796	2.3020813	21	9 10.7	19.6
211097 2002 EO_{92}	16.9	X	103.67549	328.64289	287.67445	1.70567	0.2118776	0.27691706	2.3311465	21	11 10.8	20.7
211098 2002 EG_{104}	16.8	X	181.25377	41.33581	96.92429	5.69856	0.1010943	0.27572168	2.3378794	21	8 26.0	20.1
211099 2002 EF_{108}	16.9	X	303.08225	283.87299	138.17198	4.00036	0.1112978	0.28609220	2.2810354	21	10 26.4	19.0
211100 2002 EX_{111}	18.1	X	270.17672	75.22705	38.69433	1.25885	0.1040087	0.28783931	2.2717959	21	11 14.5	20.3
211101 2002 EK_{121}	17.0	X	321.41479	14.10806	91.52087	3.13804	0.1095510	0.29340907	2.2429540	21	—	—
211102 2002 EE_{130}	16.9	X	211.01969	319.24631	253.43736	6.27540	0.1444063	0.29053040	2.2577455	21	12 31.4	19.9
211103 2002 EV_{144}	16.5	X	318.18886	345.06078	345.40405	6.70630	0.1330248	0.27207242	2.3587380	21	6 26.4	18.9
211104 2002 EP_{145}	16.8	X	214.20814	133.78331	6.01927	3.15563	0.0995217	0.27951078	2.3167029	21	10 3.2	19.6
211105 2002 ET_{147}	17.6	X	92.13716	189.25944	57.10905	1.89513	0.1849435	0.27577964	2.3375518	21	10 17.2	20.9
211106 2002 EN_{151}	16.8	X	207.46334	344.03360	170.45691	3.19034	0.1632980	0.28151200	2.3057105	21	10 9.5	20.1
211107 2002 EU_{151}	17.2	X	199.52652	101.24878	5.66022	5.71338	0.1853990	0.27559847	2.3385762	21	7 30.2	20.9
211108 2002 EG_{152}	17.1	X	71.64693	264.98076	353.52646	7.00864	0.1439113	0.27440585	2.3453472	21	10 3.0	20.0
211109 2002 EY_{160}	16.4	X	128.19413	163.03345	95.61794	8.26608	0.1032121	0.28302125	2.2975062	21	12 4.5	19.6
211110 2002 FY_{23}	17.5	X	166.20436	113.17268	133.76049	0.65256	0.1605594	0.28614691	2.2807447	21	12 25.4	20.8
211111 2002 FT_{26}	16.4	X	264.21959	344.84082	70.57769	8.31011	0.2132792	0.28165612	2.3049239	21	7 26.1	19.4
211112 2002 FX_{31}	16.6	X	133.64093	268.49407	24.20094	7.48252	0.1720183	0.28955527	2.2628116	21	—	—
211113 2002 FF_{34}	17.0	X	116.74781	142.98703	76.51106	6.22552	0.1879099	0.27520411	2.3408097	21	10 9.4	20.7
211114 2002 FX_{34}	16.6	X	146.25076	305.18694	249.64067	2.49835	0.1380798	0.27682408	2.3316685	21	9 29.7	20.2
211115 2002 FY_{40}	17.1	X	117.78871	103.25404	174.63071	5.92103	0.1366121	0.28300662	2.2975853	21	12 18.5	20.6
211116 2002 GR_{2}	16.0	X	88.87878	165.84506	75.00901	27.72072	0.2601829	0.27236708	2.3570365	21	10 27.7	20.3
211117 2002 GP_{4}	16.0	X	74.89634	280.69246	10.04474	23.55123	0.2511259	0.27641378	2.3339753	21	11 23.1	20.1
211118 2002 GR_{14}	16.5	X	151.32892	203.46483	29.78677	6.05661	0.1213699	0.28417345	2.2912917	21	11 24.1	19.8
211119 2002 GX_{33}	15.3	X	227.70481	28.87336	78.47197	10.37601	0.0370163	0.17671990	3.1449403	21	9 10.6	20.0
211120 2002 GL_{34}	16.9	X	126.83487	202.37263	43.99644	6.47813	0.1001654	0.28217012	2.3021240	21	11 15.8	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211121 2002 GQ_{34}	17.2	X	214.27752	67.81419	83.15108	3.36981	0.1542459	0.28347669	2.2950447	21	10 14.3	20.3
211122 2002 GZ_{38}	16.9	X	197.88471	103.36574	58.19810	3.60121	0.1413663	0.28177996	2.3042485	21	10 11.4	20.3
211123 2002 GZ_{39}	17.4	X	114.92034	317.72994	311.21455	4.06643	0.1933754	0.28087467	2.3091971	21	12 5.6	21.1
211124 2002 GP_{42}	17.0	X	261.19553	87.91123	24.73017	7.36799	0.0565129	0.28216228	2.3021666	21	11 3.9	19.5
211125 2002 GY_{48}	17.3	X	241.79636	284.70889	205.87159	2.15129	0.0932333	0.28191816	2.3034954	21	10 27.6	20.0
211126 2002 GP_{50}	16.7	X	139.60872	296.71575	287.15800	6.65738	0.0632967	0.28043704	2.3115988	21	10 28.1	20.0
211127 2002 GS_{50}	16.2	X	56.61433	7.18213	303.10385	7.72173	0.1329109	0.27942962	2.3171514	21	11 21.8	19.4
211128 2002 GL_{51}	17.5	X	90.91680	131.68514	104.80865	1.51692	0.1724767	0.27316224	2.3524602	21	10 1.7	20.9
211129 2002 GN_{52}	16.9	X	82.19226	220.03799	52.51783	2.92549	0.1057860	0.27633804	2.3344018	21	10 31.7	20.1
211130 2002 GH_{53}	16.5	X	163.07735	291.37482	197.17592	4.10687	0.0893718	0.26956271	2.3733557	21	7 19.6	19.9
211131 2002 GH_{63}	16.6	X	104.04411	167.15920	69.46181	3.57522	0.1269226	0.27447683	2.3449428	21	10 12.4	20.0
211132 2002 GD_{71}	16.9	X	155.49180	69.98184	186.66534	1.87219	0.0553358	0.28618286	2.2805537	21	—	—
211133 2002 GE_{71}	17.2	X	146.98127	225.98401	29.59729	2.58187	0.2110445	0.28275043	2.2989730	21	12 16.5	21.0
211134 2002 GT_{80}	16.5	X	255.58163	336.41534	137.52381	5.71674	0.2391181	0.28422222	2.2910296	21	10 2.6	19.4
211135 2002 GR_{81}	16.7	X	168.24453	71.18354	112.51049	3.45232	0.0987473	0.27796418	2.3252884	21	10 11.4	20.1
211136 2002 GY_{84}	16.3	X	100.27613	200.95991	72.90762	9.09183	0.1763860	0.27756574	2.3275131	21	11 28.2	19.9
211137 2002 GO_{87}	16.4	X	235.68510	329.66727	148.35844	5.67310	0.2603572	0.28087879	2.3091745	21	9 10.5	19.8
211138 2002 GO_{90}	16.2	X	326.74768	311.59703	27.04527	7.03299	0.2305758	0.26806966	2.3821601	21	7 13.5	18.2
211139 2002 GW_{90}	16.9	X	78.98085	11.13234	187.75021	5.88539	0.0707422	0.26622673	2.3931410	21	7 8.4	19.9
211140 2002 GF_{93}	16.9	X	107.33493	227.32043	334.74445	2.57009	0.1806000	0.27160174	2.3614623	21	9 3.4	20.2
211141 2002 GN_{94}	16.8	X	167.26066	275.37329	252.72444	2.29171	0.1070912	0.27658041	2.3330378	21	9 16.2	20.1
211142 2002 GR_{95}	16.3	X	76.62469	109.31564	229.59758	5.83141	0.1423624	0.28470637	2.2884316	21	—	—
211143 2002 GV_{100}	17.0	X	95.05439	230.34698	17.78702	3.03149	0.0969968	0.27607438	2.3358878	21	10 12.9	20.2
211144 2002 GG_{104}	16.0	X	18.11931	235.84621	91.69107	8.99113	0.1818621	0.27252712	2.3561136	21	11 2.3	18.5
211145 2002 GE_{105}	16.2	X	74.02059	213.45714	76.17623	11.39722	0.1288407	0.27812819	2.3243742	21	11 18.2	19.4
211146 2002 GN_{106}	16.7	X	115.39642	122.97014	108.43630	7.35160	0.0668751	0.27665462	2.3326205	21	10 15.9	19.9
211147 2002 GA_{114}	16.6	X	17.72718	141.88537	128.45238	6.74959	0.1330604	0.26756961	2.3851271	21	7 22.2	18.8
211148 2002 GU_{114}	17.1	X	113.86188	110.17766	165.07060	5.93735	0.2013270	0.28055016	2.3109774	21	12 13.6	20.9
211149 2002 GC_{135}	16.5	X	12.21536	172.70444	198.06991	4.19718	0.1327931	0.28227251	2.3015672	21	12 15.3	18.9
211150 2002 GE_{137}	17.6	X	167.96171	229.42481	257.53028	0.70682	0.1284637	0.27111313	2.3642987	21	7 24.6	21.2
211151 2002 GX_{146}	17.0	X	149.61730	156.07222	77.97470	3.97734	0.1314954	0.28214930	2.3022372	21	11 24.3	20.3
211152 2002 GY_{151}	16.8	X	152.51230	224.28722	50.87514	6.21904	0.1705773	0.28735209	2.2743632	21	—	—
211153 2002 GU_{152}	16.6	X	202.85624	61.83084	100.30558	7.14442	0.0968050	0.28048776	2.3113202	21	10 23.9	19.8
211154 2002 GP_{155}	16.5	X	289.43205	30.97714	70.34058	7.55873	0.0441848	0.28518576	2.2858663	21	12 3.8	18.8
211155 2002 GZ_{158}	17.1	X	55.91561	154.47752	115.82818	3.26785	0.1598151	0.27189185	2.3597822	21	10 3.9	19.9
211156 2002 GF_{162}	17.1	X	155.06933	95.11917	158.77889	3.90401	0.1505271	0.28464715	2.2887489	21	12 23.8	20.5
211157 2002 GP_{165}	17.0	X	93.31196	151.71638	148.95036	3.22245	0.1742872	0.28233229	2.3012423	21	12 25.1	20.5
211158 2002 GR_{168}	17.0	X	166.85540	91.38944	45.63836	2.38414	0.1855582	0.27252515	2.3561250	21	8 7.6	20.7
211159 2002 GM_{172}	17.4	X	203.47566	141.28862	8.44396	2.38502	0.1595740	0.27988037	2.3146629	21	9 28.7	20.8
211160 2002 GO_{173}	16.6	X	282.89048	3.79076	121.47211	8.16387	0.1303633	0.28703934	2.2760149	21	12 20.5	18.8
211161 2002 GA_{182}	16.5	X	135.04169	6.13279	203.11756	7.45095	0.0248223	0.27507780	2.3415262	21	10 2.5	19.6
211162 2002 GC_{182}	16.9	X	195.44388	128.05214	14.51227	6.04934	0.1299619	0.27553697	2.3389241	21	9 14.2	20.2
211163 2002 GZ_{182}	17.2	X	144.60405	344.94036	185.82899	2.60152	0.1494753	0.27175601	2.3605685	21	8 28.1	20.7
211164 2002 HT	16.1	X	123.13504	198.47361	67.27543	14.08921	0.1894704	0.27893234	2.3199046	21	12 8.2	19.9
211165 2002 HZ_{1}	16.9	X	129.70057	185.59332	61.22719	5.28669	0.1528646	0.28073034	2.3099885	21	11 20.9	20.5
211166 2002 HC_{7}	16.7	X	179.04397	74.95941	87.04264	3.46010	0.1672084	0.27743151	2.3282638	21	9 21.8	20.4
211167 2002 HT_{8}	16.8	X	355.49431	259.68439	50.66040	5.72068	0.1195408	0.26809616	2.3820031	21	8 12.4	19.1
211168 2002 HY_{9}	16.7	X	117.83593	75.26960	196.44957	7.05521	0.0492397	0.28217798	2.3020812	21	12 7.9	19.8
211169 2002 JT	17.0	X	148.94767	67.96621	155.82639	7.54255	0.2290524	0.27794345	2.3254040	21	11 11.3	21.1
211170 2002 JH_{2}	16.7	X	26.60142	151.98774	120.12014	0.75881	0.1736167	0.26596967	2.3946827	21	8 18.3	18.8
211171 2002 JN_{2}	16.7	X	114.19092	121.95340	113.86383	21.97402	0.2114974	0.27603235	2.3361249	21	11 4.9	21.0
211172 Tarantola	17.3	X	41.18088	203.90975	53.66388	0.94695	0.2074910	0.26615743	2.3935564	21	8 29.9	19.7
211173 2002 JQ_{15}	16.7	X	165.35164	86.73131	109.50776	2.90981	0.1536405	0.27819264	2.3240152	21	10 22.6	20.3
211174 2002 JR_{20}	16.3	X	201.34279	54.43258	92.43921	7.42348	0.1403379	0.27743699	2.3282332	21	9 28.2	19.8
211175 2002 JO_{42}	16.9	X	199.92402	154.36242	45.19898	5.49929	0.0727926	0.28346812	2.2950909	21	12 8.4	19.9
211176 2002 JN_{48}	17.1	X	67.25111	223.86854	24.64244	2.51020	0.1630353	0.26904088	2.3764237	21	9 18.0	20.0
211177 2002 JZ_{49}	16.9	X	2.61322	356.35088	246.73747	4.03236	0.1433295	0.25922183	2.4360620	21	5 5.8	19.2
211178 2002 JC_{63}	16.5	X	109.16692	154.66252	103.33527	7.43650	0.2505931	0.27448710	2.3448843	21	11 21.4	20.6
211179 2002 JQ_{79}	16.2	X	23.55751	279.16667	25.06859	6.50904	0.1046941	0.27156690	2.3616643	21	9 23.5	18.6
211180 2002 JW_{83}	16.3	X	20.53675	139.53107	231.00051	5.40316	0.1222575	0.28045708	2.3114887	21	12 24.9	18.9
211181 2002 JA_{91}	16.6	X	90.49879	188.38283	41.30407	6.90568	0.0811341	0.27004067	2.3705544	21	9 12.9	19.8
211182 2002 JX_{94}	17.1	X	112.94782	192.29434	54.99291	3.52929	0.1617287	0.27490822	2.3424890	21	11 5.6	20.6
211183 2002 JF_{113}	16.2	X	144.03169	230.00616	49.91856	8.13844	0.2129153	0.28556143	2.2838611	21	—	—
211184 2002 JJ_{113}	16.4	X	184.13785	118.09446	22.84533	24.04565	0.1974219	0.27573402	2.3378096	21	9 9.2	20.6
211185 2002 JT_{114}	16.6	X	61.57909	152.85926	134.88062	7.57556	0.1445297	0.27171898	2.3607830	21	11 3.3	19.8
211186 2002 JN_{129}	17.0	X	93.31816	191.22139	76.10295	6.57844	0.1582292	0.27519390	2.3408676	21	11 12.4	20.4
211187 2002 JG_{149}	17.0	X	66.39868	94.10733	167.02609	6.14355	0.1290956	0.26983223	2.3717751	21	9 29.5	19.9
211188 2002 KK_{1}	16.3	X	100.20242	190.36016	53.30214	23.83080	0.1911835	0.27498811	2.3420353	21	10 28.2	20.0
211189 2002 KU_{1}	16.7	X	343.25564	240.78303	3.27075	2.90693	0.1541070	0.25667975	2.4521196	21	3 29.3	19.0
211190 2002 KR_{15}	17.0	X	345.89440	0.09725	308.65360	0.72241	0.1824006	0.26305482	2.4123401	21	7 14.2	18.9
211191 2002 LR_{9}	16.5	X	123.50429	32.78001	204.22589	5.99125	0.1370951	0.27441373	2.3453023	21	11 1.7	20.1
211192 2002 LR_{10}	16.9	X	124.25065	59.76522	182.83491	3.24451	0.1429944	0.27499836	2.3419771	21	11 10.1	20.5
211193 2002 LP_{31}	17.3	X	90.73054	57.96535	208.86015	1.31707	0.2278893	0.27306631	2.3530111	21	11 13.7	20.8
211194 2002 LF_{44}	16.7	X	356.84689	141.02145	109.99300	7.91794	0.1180894	0.25839104	2.4412809	21	5 12.3	19.2
211195 2002 LN_{46}	16.1	X	76.12652	118.34931	123.41834	22.06334	0.2049174	0.26610387	2.3938775	21	10 3.4	20.0
211196 2002 LU_{48}	15.7	X	108.75596	288.62240	287.02835	22.97254	0.2686657	0.26875937	2.3780828	21	9 15.1	20.2
211197 2002 LY_{49}	16.7	X	154.20874	114.12816	73.70322	5.88408	0.0810682	0.27282522	2.3543970	21	10 2.3	20.1
211198 2002 LL_{54}	16.8	X	76.73982	238.03269	25.51187	3.02986	0.1743590	0.26800564	2.3825394	21	10 20.4	20.1
211199 2002 NL_{7}	16.3	X	7.13643	192.40834	90.46361	5.46603	0.1961482	0.25961059	2.4336294	21	7 25.0	18.0
211200 2002 NP_{46}	16.4	X	253.84978	50.29017	255.90769	4.68382	0.1446289	0.24540231	2.5266803	21	2 25.3	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211201 2002 NV_{55}	17.1	X	62.21556	208.56671	63.08274	2.87842	0.2064668	0.26690462	2.3890871	21	10 19.4	20.2
211202 2002 NT_{58}	16.6	X	236.09828	165.27183	145.07078	8.16885	0.1414358	0.24286565	2.5442434	21	2 16.3	20.4
211203 2002 NJ_{62}	17.0	X	13.32542	246.12616	57.77381	1.94516	0.1838091	0.26270938	2.4144543	21	9 12.8	19.1
211204 2002 NJ_{64}	16.3	X	235.55475	270.00689	46.75723	2.05451	0.1429345	0.24395564	2.5366593	21	2 24.3	20.3
211205 2002 OD_{19}	15.3	X	54.35359	157.35766	275.11782	26.88226	0.0488559	0.23135649	2.6279369	21	—	—
211206 2002 OM_{24}	17.0	X	258.38453	203.96230	229.84400	10.42591	0.2826307	0.36294420	1.9464480	21	7 31.8	19.7
211207 2002 OV_{27}	17.4	X	3.49805	41.86380	218.74839	1.96059	0.0984117	0.25464210	2.4651835	21	6 7.1	19.7
211208 2002 OK_{29}	16.3	X	87.36509	276.69279	152.42108	4.10028	0.0547916	0.23755655	2.5820107	21	1 22.2	19.5
211209 2002 OM_{31}	16.5	X	312.59880	294.56561	81.05751	1.72677	0.0885564	0.20960077	2.8067741	21	8 26.6	19.8
211210 2002 PZ_{2}	15.5	X	27.73558	152.20396	269.70810	13.73226	0.0699413	0.22530520	2.6747831	21	—	—
211211 2002 PR_{11}	15.6	X	148.87339	342.35968	334.58693	12.82635	0.2590102	0.22836175	2.6508621	21	—	—
211212 2002 PZ_{21}	17.1	X	326.45831	143.31384	140.57529	4.29961	0.1660425	0.25270730	2.4777502	21	4 28.3	19.7
211213 2002 PQ_{33}	16.2	X	286.16825	86.72556	149.07950	14.82501	0.0698965	0.23740323	2.5831223	21	1 13.8	20.0
211214 2002 PC_{37}	15.3	X	188.40451	321.28370	347.24590	32.62756	0.2430053	0.23142518	2.6274168	21	1 20.8	20.4
211215 2002 PP_{39}	17.1	X	353.05497	352.87524	304.10575	1.26175	0.2163205	0.25800218	2.4437333	21	7 10.7	18.6
211216 2002 PA_{63}	16.9	X	49.09581	304.85094	332.79154	1.68076	0.1856013	0.26374678	2.4081190	21	10 5.2	19.6
211217 2002 PY_{63}	15.6	X	164.73607	44.19405	301.25319	13.55383	0.0490764	0.23715883	2.5848967	21	1 14.8	19.2
211218 2002 PN_{65}	17.2	X	45.03134	76.87055	211.53091	5.69360	0.1985902	0.26507679	2.4000572	21	10 17.0	20.0
211219 2002 PQ_{78}	15.6	X	313.69206	136.35631	335.33489	18.17549	0.0840847	0.22339116	2.6900400	21	—	—
211220 2002 PV_{85}	16.8	X	332.80321	242.49553	81.67298	4.22784	0.1934485	0.25792420	2.4442258	21	7 7.4	18.7
211221 2002 PA_{86}	15.8	X	97.23230	25.63352	342.11832	15.17087	0.1714569	0.22757301	2.6569836	21	—	—
211222 2002 PU_{87}	17.3	X	113.80404	225.73089	140.29629	23.48609	0.1151844	0.38552899	1.8696688	21	—	—
211223 2002 PU_{89}	16.9	X	20.77615	108.70940	191.93239	13.80644	0.2513234	0.26134407	2.4228561	21	10 3.2	18.8
211224 2002 PO_{96}	16.8	X	359.01749	198.45043	106.77530	3.14835	0.1867859	0.25846373	2.4408231	21	8 11.3	18.6
211225 2002 PP_{96}	16.6	X	332.18070	300.09883	14.61756	2.01553	0.2132959	0.25572214	2.4582375	21	6 16.8	18.5
211226 2002 PL_{100}	16.0	X	254.01941	212.97689	116.90834	12.12743	0.1041457	0.24555852	2.5256086	21	4 8.2	19.9
211227 2002 PS_{103}	16.3	X	346.45561	85.77343	222.05459	7.09973	0.1244907	0.25730348	2.4481552	21	7 14.9	18.9
211228 2002 PD_{104}	16.9	X	248.08399	127.44006	174.09921	13.82217	0.1814723	0.24242031	2.5473584	21	2 12.7	21.2
211229 2002 PX_{114}	16.4	X	239.26920	353.19186	159.67012	10.12449	0.1434660	0.21745246	2.7387969	21	11 8.5	20.4
211230 2002 PO_{133}	16.8	X	18.91733	68.61175	227.83772	1.70443	0.1924544	0.26073746	2.4266125	21	9 11.6	19.0
211231 2002 PM_{139}	15.1	X	250.84079	177.09268	129.72623	21.00793	0.2544125	0.24295414	2.5436256	21	2 21.1	19.5
211232 2002 PW_{144}	16.5	X	242.02161	288.17778	316.51118	8.78845	0.1028906	0.23531635	2.5983719	21	—	—
211233 2002 PW_{155}	16.1	X	59.65127	134.73150	329.50366	5.13140	0.0545146	0.23758322	2.5818175	21	1 29.9	19.1
211234 2002 PR_{173}	16.8	X	347.00548	132.64531	190.23836	6.28763	0.1433271	0.25889101	2.4381368	21	8 8.7	19.1
211235 2002 PE_{174}	16.4	X	43.49820	352.41106	156.55436	13.24240	0.0861132	0.24166024	2.5526969	21	3 7.8	19.1
211236 2002 PT_{178}	15.9	X	167.21425	240.67871	153.16947	9.49544	0.0584249	0.24159805	2.5531350	21	3 21.8	19.4
211237 2002 PK_{182}	16.9	X	35.98392	75.96353	198.42175	2.02615	0.1995037	0.26028634	2.4294155	21	9 11.8	19.4
211238 2002 PK_{184}	16.0	X	107.94447	254.06004	194.66870	13.56640	0.0482924	0.24066020	2.5597636	21	3 14.3	19.5
211239 2002 QG_{2}	16.8	X	136.59138	212.09791	162.45127	2.59949	0.1970577	0.23331922	2.6131783	21	2 5.4	20.5
211240 2002 QL_{7}	16.6	X	256.28891	205.38640	89.14883	4.86760	0.1865437	0.24331492	2.5411105	21	2 14.7	20.8
211241 2002 QZ_{16}	17.0	X	49.34077	232.14658	171.88353	22.82703	0.0543596	0.38172179	1.8820800	21	—	—
211242 2002 QB_{21}	16.0	X	27.23900	197.97011	175.43472	5.50063	0.0821676	0.21681497	2.7441628	21	12 17.5	19.6
211243 2002 QJ_{30}	16.0	X	349.50120	320.18596	122.61654	6.08179	0.1286634	0.22232317	2.6986479	21	—	—
211244 2002 QB_{33}	16.2	X	223.82393	215.26195	157.53913	6.46348	0.0406029	0.24565911	2.5249191	21	4 30.6	19.7
211245 2002 QB_{56}	15.8	X	35.76324	35.49723	319.01753	7.95230	0.1583657	0.21590288	2.7518859	21	12 15.7	19.5
211246 2002 QK_{58}	16.0	X	24.99597	261.30299	160.22556	12.93211	0.1674266	0.22283047	2.6945505	21	—	—
211247 2002 QN_{80}	16.3	X	265.49158	142.93095	308.05007	8.31636	0.1520498	0.20982007	2.8048181	21	9 13.9	20.2
211248 2002 QL_{102}	16.6	X	20.33947	171.26722	5.40895	3.52118	0.1539106	0.24039763	2.5616272	21	3 5.8	19.1
211249 2002 QN_{107}	16.4	X	250.37571	3.87437	292.78959	3.18765	0.0703144	0.24156817	2.5533455	21	2 17.2	20.0
211250 2002 QS_{107}	16.4	X	183.20718	40.38927	272.94911	2.70631	0.1695939	0.23417040	2.6068420	21	1 4.9	20.6
211251 2002 QF_{112}	15.4	X	78.72060	138.21923	298.65287	8.16032	0.0564081	0.18281173	3.0746806	21	1 31.9	19.6
211252 2002 QD_{116}	16.6	X	208.22149	209.54841	87.43349	5.40580	0.0656864	0.23513613	2.5996995	21	1 4.9	20.4
211253 2002 QM_{116}	16.9	X	75.59937	45.16539	80.24665	2.45450	0.0799889	0.24147369	2.5540114	21	3 25.9	20.0
211254 2002 QV_{123}	16.5	X	356.59351	241.76107	147.65848	2.44112	0.0964146	0.21489439	2.7604888	21	11 25.3	19.7
211255 2002 QV_{127}	17.0	X	356.08403	265.80936	33.02766	2.88596	0.1826841	0.25730704	2.4481326	21	7 23.8	18.9
211256 2002 QW_{130}	17.7	X	323.49731	4.06619	76.81350	2.45280	0.1538517	0.26969003	2.3726087	21	12 27.7	19.6
211257 2002 RJ	15.8	X	143.49419	2.68501	305.15213	8.37649	0.0859089	0.22404712	2.6847868	21	—	—
211258 2002 RD_{12}	16.0	X	179.41852	327.25274	349.37848	11.77226	0.1939292	0.23169928	2.6253442	21	1 9.9	20.4
211259 2002 RW_{14}	16.3	X	46.50852	49.77287	343.45078	1.09081	0.2352047	0.21982647	2.7190429	21	—	—
211260 2002 RH_{15}	15.6	X	106.20672	189.14127	174.16996	16.93744	0.1947244	0.22605705	2.6688490	21	—	—
211261 2002 RV_{26}	16.9	X	318.17679	119.94472	357.48043	19.68019	0.0415484	0.37834244	1.8932705	21	—	—
211262 2002 RE_{36}	15.7	X	314.50604	48.80288	317.96736	11.42227	0.0942723	0.20545445	2.8444110	21	8 15.0	19.0
211263 2002 RD_{38}	16.4	X	91.90330	261.32305	120.28612	2.57177	0.2426127	0.22678067	2.6631688	21	—	—
211264 2002 RX_{51}	15.1	X	31.84974	39.01200	8.35479	25.30541	0.1480785	0.21934688	2.7230048	21	—	—
211265 2002 RF_{62}	15.5	X	34.72733	19.21013	28.70493	15.15524	0.1838434	0.21792011	2.7348773	21	—	—
211266 2002 RE_{66}	17.6	X	303.24104	86.27005	338.51469	18.52903	0.1049032	0.36835246	1.9273489	21	11 8.1	19.5
211267 2002 RP_{69}	16.1	X	25.16330	202.68735	158.53435	12.33602	0.1126197	0.21486533	2.7607378	21	12 4.9	19.8
211268 2002 RX_{71}	16.1	X	336.02410	67.66905	163.41110	14.75750	0.0279890	0.24265496	2.5457159	21	3 20.7	19.3
211269 2002 RU_{73}	16.4	X	117.99837	15.50286	318.58038	3.14893	0.0831935	0.22531957	2.6746694	21	—	—
211270 2002 RD_{78}	16.2	X	176.50499	145.15510	167.85238	10.51368	0.1446031	0.23114582	2.6295334	21	—	—
211271 2002 RU_{83}	16.4	X	72.44276	13.70143	3.55133	8.25661	0.2365717	0.22161925	2.7043593	21	—	—
211272 2002 RV_{87}	15.7	X	98.97530	149.53087	188.95385	3.81812	0.2138766	0.22167717	2.7038882	21	—	—
211273 2002 RM_{101}	15.8	X	9.80677	26.88951	14.93435	14.74104	0.2538987	0.21268636	2.7795615	21	—	—
211274 2002 RH_{102}	15.6	X	51.55563	355.93931	19.20704	16.57788	0.2791767	0.21628597	2.7486355	21	—	—
211275 2002 RU_{103}	17.3	X	85.24281	312.81836	3.26814	20.75889	0.0771678	0.37274497	1.9121774	21	—	—
211276 2002 RV_{114}	16.6	X	19.62245	80.31631	223.21906	5.41685	0.1535804	0.26172134	2.4205271	21	9 16.6	19.0
211277 2002 RC_{127}	15.8	X	267.81773	318.04634	233.77939	13.36873	0.0179160	0.22756912	2.6570139	21	—	—
211278 2002 RR_{131}	16.9	X	6.75274	211.93254	192.27474	20.92962	0.0849839	0.37432710	1.9067856	21	—	—
211279 2002 RN_{137}	17.0	X	284.69746	205.57839	18.09556	22.82013	0.1187449	0.39045470	1.8539113	21	—	—
211280 2002 RV_{142}	16.5	X	212.44651	32.24826	245.95061	3.61444	0.1949406	0.23269872	2.6178216	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211281 2002 RU_{146}	16.7	X	100.56079	2.83575	16.40423	3.23865	0.1729488	0.22668879	2.6638884	21	—	—
211282 2002 RR_{151}	15.9	X	332.12105	248.44965	268.16442	7.08048	0.0721217	0.22934142	2.6433077	21	—	—
211283 2002 RM_{152}	15.9	X	304.38896	45.40847	209.07250	11.78942	0.1390987	0.24160843	2.5530618	21	2 14.8	19.7
211284 2002 RS_{153}	16.7	X	228.74813	315.70602	1.24015	14.95208	0.2204162	0.23858877	2.5745582	21	2 20.7	21.2
211285 2002 RT_{155}	16.5	X	229.68048	69.74834	220.41418	3.34500	0.0491117	0.23474394	2.6025942	21	1 19.2	20.2
211286 2002 RD_{157}	16.8	X	189.24383	38.36831	258.71213	2.31391	0.0588033	0.22965797	2.6408781	21	—	—
211287 2002 RZ_{157}	16.3	X	187.77352	134.79002	179.77845	14.37621	0.0167329	0.23121756	2.6289894	21	—	—
211288 2002 RU_{160}	16.0	X	17.85864	86.15028	348.17166	6.99576	0.0354513	0.22418696	2.6836703	21	—	—
211289 2002 RA_{162}	16.2	X	348.95448	223.50415	181.70679	5.27315	0.0508769	0.21557844	2.7546462	21	12 1.6	19.8
211290 2002 RQ_{162}	16.1	X	327.88105	5.13455	170.67319	4.13839	0.0387322	0.23204021	2.6227720	21	—	—
211291 2002 RG_{169}	16.4	X	78.47549	171.80601	170.95164	5.79034	0.0310071	0.21933414	2.7231103	21	—	—
211292 2002 RM_{190}	16.6	X	282.23745	330.25969	323.34099	3.07875	0.1365620	0.24387120	2.5372448	21	3 13.9	20.2
211293 2002 RV_{197}	16.1	X	338.84612	204.37257	10.88160	7.22904	0.0558844	0.23981141	2.5658001	21	3 1.1	19.2
211294 2002 RE_{198}	16.5	X	16.57395	51.94398	11.18733	3.06644	0.0877075	0.22104608	2.7090322	21	—	—
211295 2002 RR_{216}	16.1	X	17.57355	339.70956	53.29485	4.45456	0.0918928	0.21663419	2.7456892	21	12 30.5	19.6
211296 2002 RY_{219}	16.9	X	52.58404	98.62767	161.57344	2.89803	0.1949921	0.26064548	2.4271834	21	9 17.9	19.7
211297 2002 RH_{220}	16.4	X	56.96822	331.98599	121.88916	5.21901	0.0981768	0.23202185	2.6229104	21	1 15.1	19.4
211298 2002 RN_{227}	16.1	X	320.03113	78.14262	179.02469	14.35660	0.0803617	0.24372517	2.5382582	21	3 24.6	19.3
211299 2002 RZ_{237}	16.5	X	54.35852	251.21961	151.67078	5.00006	0.1588836	0.22408209	2.6845075	21	—	—
211300 2002 RN_{268}	16.7	X	13.96298	328.04208	156.79392	1.69867	0.0237527	0.23262218	2.6183959	21	—	—
211301 2002 RZ_{275}	17.0	X	266.30316	36.61818	190.18469	3.34215	0.0973084	0.23163490	2.6258307	21	—	—
211302 2002 RM_{277}	16.8	X	35.42172	254.86448	141.58050	5.45419	0.1172758	0.22096405	2.7097026	21	—	—
211303 2002 SK	15.8	X	123.63774	347.95816	35.74117	12.73073	0.1902215	0.22863308	2.6487644	21	2 8.4	19.8
211304 2002 SR_{3}	16.7	X	243.91850	229.57284	85.11041	1.89574	0.1741744	0.24039834	2.5616221	21	2 28.3	20.7
211305 2002 ST_{9}	16.3	X	199.89937	108.89382	202.40319	2.63409	0.1123215	0.23181240	2.6244901	21	1 15.2	20.4
211306 2002 SN_{19}	15.9	X	140.35988	321.44326	42.60971	14.08139	0.2565628	0.22984968	2.6394095	21	2 9.7	20.3
211307 2002 SJ_{22}	15.7	X	357.83061	125.61478	13.07575	13.08260	0.0627821	0.22782245	2.6550439	21	—	—
211308 2002 SL_{29}	16.2	X	14.68754	287.31011	160.95899	1.85651	0.1298759	0.22125048	2.7073635	21	—	—
211309 2002 SX_{31}	16.7	X	286.93028	242.26195	51.48518	6.52606	0.2298202	0.24461016	2.5321323	21	3 12.1	20.5
211310 2002 SO_{33}	15.7	X	2.27566	48.46706	348.93810	8.39475	0.1523485	0.21278163	2.7787318	21	12 19.9	19.1
211311 2002 SN_{34}	16.5	X	40.32933	355.60124	32.69727	6.78808	0.1159493	0.27154816	2.3617729	21	—	—
211312 2002 SD_{36}	15.6	X	55.66587	199.92709	198.05119	10.19742	0.2858786	0.21979104	2.7193351	21	—	—
211313 2002 SF_{38}	17.0	X	38.43461	217.47628	185.35123	23.94226	0.0875416	0.37816506	1.8938625	21	—	—
211314 2002 SC_{39}	16.4	X	252.69203	142.15630	160.37322	5.83360	0.2331455	0.23998483	2.5645639	21	2 16.7	20.6
211315 2002 SW_{40}	15.6	X	155.81099	312.56118	17.33243	16.61699	0.1990563	0.22913283	2.6449117	21	1 4.8	20.0
211316 2002 SW_{41}	17.0	X	235.99285	153.09187	9.42919	21.35932	0.0435956	0.37266860	1.9124386	21	—	—
211317 2002 SE_{42}	15.9	X	277.91118	83.76378	22.08494	7.43193	0.1006654	0.20994165	2.8037351	21	10 30.8	19.6
211318 2002 SJ_{50}	16.8	X	23.78338	339.56186	35.02601	2.70484	0.2302691	0.26593117	2.3949138	21	—	—
211319 2002 SP_{53}	15.2	X	64.30914	87.69052	285.25652	13.46860	0.0434981	0.21897055	2.7261238	21	—	—
211320 2002 SJ_{54}	16.4	X	65.01486	178.44089	212.74896	7.32239	0.1604122	0.22363294	2.6881007	21	—	—
211321 2002 SG_{58}	15.6	X	92.71247	296.09255	61.07550	12.28421	0.1013980	0.22090508	2.7101849	21	—	—
211322 2002 ST_{58}	16.9	X	221.57741	275.18401	26.62581	2.89845	0.1962926	0.23586594	2.5943340	21	1 25.1	21.3
211323 2002 SB_{59}	16.0	X	256.22961	77.09561	317.60824	16.10207	0.1455883	0.19775151	2.9178044	21	6 27.7	20.5
211324 2002 SN_{61}	16.8	X	240.80515	296.08853	23.54799	7.92988	0.2010129	0.24147110	2.5540297	21	3 4.2	21.1
211325 2002 SC_{63}	16.4	X	312.21381	103.65916	79.67956	3.58980	0.0250229	0.23111946	2.6297333	21	—	—
211326 2002 SZ_{65}	16.1	X	265.12312	277.89588	5.29100	14.01671	0.0515656	0.24029630	2.5623473	21	2 24.9	19.8
211327 2002 SM_{66}	16.3	X	39.69308	273.99936	127.46420	6.15610	0.1052999	0.22269684	2.6956283	21	—	—
211328 2002 TE_{1}	16.5	X	201.37675	311.76541	17.62088	10.93199	0.1624288	0.23567979	2.5956999	21	2 13.1	20.9
211329 2002 TA_{8}	16.0	X	312.81494	244.43357	12.69524	13.78928	0.0968449	0.24087384	2.5582498	21	3 15.4	19.3
211330 2002 TM_{10}	15.7	X	318.69188	75.09065	3.28740	12.86062	0.1847059	0.21257623	2.7805215	21	11 19.9	18.8
211331 2002 TT_{17}	16.6	X	128.14957	148.12982	195.37121	5.95184	0.0663256	0.22568636	2.6717706	21	—	—
211332 2002 TH_{23}	15.9	X	141.99251	296.76408	34.17068	4.21615	0.1043513	0.22556923	2.6726955	21	—	—
211333 2002 TF_{25}	15.8	X	148.51505	295.44380	22.77626	3.94617	0.0894507	0.22421801	2.6834225	21	—	—
211334 2002 TD_{26}	16.3	X	128.52382	287.01367	41.64766	3.12627	0.2259223	0.22419806	2.6835816	21	—	—
211335 2002 TJ_{27}	16.2	X	87.16160	199.54541	182.38142	5.37901	0.1368324	0.22243083	2.6977771	21	—	—
211336 2002 TQ_{32}	15.9	X	10.96937	170.25987	200.23414	4.43020	0.2113691	0.21040681	2.7996013	21	12 6.7	19.0
211337 2002 TV_{33}	17.3	X	217.18167	139.31848	192.06134	4.36147	0.2222802	0.23830810	2.5765793	21	2 22.9	21.8
211338 2002 TW_{33}	15.8	X	311.11075	194.93498	5.76092	13.30765	0.0975715	0.23120433	2.6290897	21	—	—
211339 2002 TJ_{35}	16.4	X	249.84956	131.37864	167.30705	3.36950	0.2082268	0.23839157	2.5759778	21	2 11.3	20.7
211340 2002 TT_{37}	16.1	X	128.23557	292.42114	44.64767	7.14295	0.2135016	0.22431174	2.6826749	21	—	—
211341 2002 TF_{41}	16.8	X	306.01068	36.87981	33.23450	21.53648	0.0818437	0.36551259	1.9373191	21	11 27.0	18.5
211342 2002 TW_{59}	17.8	X	43.81099	26.89139	1.49003	20.87981	0.0336132	0.37630812	1.9000878	21	—	—
211343 Dieterhusar	16.7	X	217.25387	124.72782	164.64703	1.81534	0.0993083	0.23271211	2.6177212	21	1 5.8	20.8
211344 2002 TP_{68}	15.5	X	127.88622	350.17387	30.96371	28.25361	0.1109841	0.22910612	2.6451172	21	2 7.4	19.9
211345 2002 TV_{79}	16.2	X	158.38756	201.73485	154.20573	7.37115	0.2755871	0.23063116	2.6334438	21	2 10.5	20.6
211346 2002 TV_{93}	16.5	X	341.80290	46.90245	38.37815	3.82904	0.1723296	0.21696244	2.7429192	21	—	—
211347 2002 TW_{98}	16.2	X	283.41549	228.99588	189.27295	5.99224	0.0450611	0.20550764	2.8439201	21	9 13.7	19.9
211348 2002 TR_{110}	16.3	X	153.01973	177.57634	155.22424	15.29655	0.1914885	0.22815913	2.6524313	21	1 2.9	20.6
211349 2002 TB_{120}	15.5	X	230.37275	31.25837	270.58866	7.64208	0.1870795	0.23533561	2.5982301	21	1 29.7	19.9
211350 2002 TV_{125}	15.8	X	101.84853	345.09491	46.83731	6.68187	0.2670474	0.22773667	2.6557105	21	1 31.1	19.2
211351 2002 TA_{128}	15.5	X	346.91779	306.34739	226.35255	14.08466	0.0353393	0.23213011	2.6220949	21	1 13.7	19.2
211352 2002 TG_{140}	16.0	X	117.33459	167.39731	215.04231	5.58736	0.1354737	0.22616975	2.6679624	21	1 16.0	19.6
211353 2002 TV_{157}	16.1	X	155.67985	167.35173	157.91229	14.70480	0.0554572	0.22539400	2.6740805	21	—	—
211354 2002 TL_{158}	15.6	X	165.99968	181.83970	159.69332	13.91843	0.1709474	0.23024810	2.6363639	21	1 22.3	19.9
211355 2002 TY_{164}	15.3	X	317.07503	348.51893	77.35903	9.67542	0.2105261	0.20890299	2.8130208	21	11 3.6	18.0
211356 2002 TB_{167}	15.7	X	306.39188	132.68362	307.52648	12.57389	0.1197554	0.21149283	2.7900090	21	11 3.4	19.2
211357 2002 TR_{168}	15.6	X	338.17747	292.45656	319.46131	13.71393	0.1922705	0.24560803	2.5252691	21	3 20.4	18.6
211358 2002 TO_{187}	15.8	X	53.55408	20.08362	341.54694	7.57506	0.2460234	0.21704052	2.7422613	21	—	—
211359 2002 TM_{190}	14.6	X	132.21102	30.06760	35.81378	30.58352	0.3913691	0.17564688	3.1577355	21	4 26.0	20.1
211360 2002 TM_{193}	16.4	X	356.33966	42.97289	341.93674	4.30334	0.1182847	0.21183749	2.7869820	21	11 18.1	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211361 2002 TT_{200}	15.5	X	41.07466	232.12437	129.52470	10.14441	0.1924456	0.21471604	2.7620173	21	—	—
211362 2002 TB_{206}	16.2	X	67.36418	133.60087	237.57646	3.98830	0.1728286	0.21865029	2.7287851	21	—	—
211363 2002 TS_{208}	15.9	X	145.46777	229.52013	135.53112	10.38919	0.0872382	0.23059825	2.6336944	21	1 21.6	19.6
211364 2002 TD_{210}	15.7	X	11.53785	254.19342	197.00605	11.38158	0.1117815	0.21941913	2.7224070	21	—	—
211365 2002 TO_{213}	16.1	X	63.22943	173.09814	178.22117	6.31309	0.0427242	0.21617563	2.7495707	21	12 29.1	20.0
211366 2002 TH_{228}	16.0	X	65.60185	213.48254	142.00353	9.38670	0.2020685	0.21650699	2.7467646	21	—	—
211367 2002 TG_{241}	16.2	X	13.00723	269.93315	170.91553	4.32619	0.0530808	0.21997028	2.7178577	21	—	—
211368 2002 TV_{245}	16.1	X	359.00390	28.66858	60.95151	4.63997	0.1896515	0.21720408	2.7408845	21	—	—
211369 2002 TD_{257}	16.0	X	30.09618	6.30536	30.71597	4.22650	0.1064422	0.21547623	2.7555173	21	—	—
211370 2002 TL_{264}	16.7	X	323.06448	195.74468	226.30402	20.31975	0.0725710	0.36551990	1.9372932	21	12 20.9	18.6
211371 2002 TH_{268}	15.5	X	91.50083	57.14607	306.70157	4.33588	0.0860374	0.22123534	2.7074870	21	—	—
211372 2002 TK_{274}	15.6	X	215.98189	303.94623	9.63951	13.33258	0.1881819	0.23394434	2.6085211	21	2 7.9	20.1
211373 2002 TF_{276}	16.5	X	266.01459	14.63359	286.90140	2.85078	0.2215145	0.24100732	2.5573052	21	2 26.7	20.5
211374 Anthonyrose	16.1	X	285.73140	173.45165	54.75586	12.92144	0.1336580	0.23098998	2.6307159	21	—	—
211375 Jessesteed	16.5	X	305.34868	49.70962	18.85043	4.46499	0.0469941	0.21061169	2.7977854	21	10 28.4	20.1
211376 Joethurston	16.2	X	150.68599	280.50375	28.61154	5.85122	0.0119706	0.22356408	2.6886526	21	—	—
211377 Travisturbyfill	16.8	X	0.77530	46.38870	64.02832	3.58567	0.0546016	0.22391160	2.6858700	21	—	—
211378 Williamwarneke	16.5	X	263.20131	47.56315	171.08944	9.36787	0.0820298	0.22684254	2.6626846	21	—	—
211379 Claytonwhitted	16.1	X	287.03777	182.21503	33.50612	8.55215	0.0738091	0.22982827	2.6395735	21	—	—
211380 Kevinwoyjeck	16.5	X	46.26145	345.93165	48.88673	6.83282	0.0598289	0.21984674	2.7188758	21	—	—
211381 Garretzuppiger	16.3	X	162.89050	133.62064	172.37585	11.97843	0.1715579	0.22587641	2.6702718	21	—	—
211382 2002 TZ_{379}	16.6	X	316.02991	2.74802	75.96221	0.66556	0.0437594	0.21340355	2.7733305	21	11 26.8	20.1
211383 2002 TC_{380}	16.9	X	337.31222	223.43797	199.70064	3.20366	0.0616085	0.21416178	2.7667807	21	12 7.6	20.3
211384 2002 UL_{4}	16.5	X	42.06779	259.87651	83.35238	22.99353	0.0597851	0.36878727	1.9258336	21	12 27.5	18.4
211385 2002 UY_{8}	15.3	X	183.40969	164.93421	188.52621	19.70242	0.2670156	0.23328279	2.6134503	21	2 23.1	20.2
211386 2002 UQ_{17}	15.8	X	261.78932	223.58759	29.19894	13.68311	0.1466767	0.23069495	2.6329584	21	1 4.8	20.2
211387 2002 UG_{21}	15.6	X	206.07658	115.96857	33.75513	7.62378	0.0791764	0.20349053	2.8626829	21	10 3.1	19.8
211388 2002 UN_{29}	16.6	X	156.08537	250.53748	167.21127	5.82381	0.1951275	0.23477598	2.6023574	21	4 19.9	20.8
211389 2002 UL_{31}	15.9	X	357.16799	53.30127	340.83384	8.43505	0.1738837	0.21098395	2.7944935	21	12 7.6	19.1
211390 2002 UG_{34}	17.0	X	245.28500	80.65212	48.73532	22.49073	0.0490697	0.36483028	1.9397338	21	11 20.7	18.8
211391 2002 UM_{39}	16.6	X	114.77724	288.28174	81.70210	3.56739	0.1893713	0.22438201	2.6821148	21	1 6.9	20.0
211392 2002 UB_{48}	16.0	X	123.40565	178.72325	164.59702	9.27032	0.2641040	0.22398733	2.6852645	21	—	—
211393 2002 UK_{56}	16.0	X	4.83392	319.92817	121.66726	6.82896	0.0430671	0.21880051	2.7275361	21	—	—
211394 2002 VK	16.2	X	281.68491	273.27001	37.14656	12.79815	0.1771531	0.24184188	2.5514186	21	4 3.7	19.9
211395 2002 VE_{10}	16.3	X	174.21696	349.73866	359.58786	6.16011	0.2834278	0.23203141	2.6228384	21	2 17.0	20.9
211396 2002 VZ_{12}	16.3	X	15.90736	114.48409	257.07290	3.27664	0.0829941	0.20928909	2.8095601	21	11 27.6	19.8
211397 2002 VD_{14}	17.3	X	246.48752	290.27126	50.03626	7.42276	0.2649946	0.29382853	2.2408188	21	3 26.3	21.2
211398 2002 VN_{15}	15.7	X	221.87505	258.53831	178.64417	7.89536	0.3304961	0.19150537	2.9809092	21	7 1.1	21.2
211399 2002 VB_{18}	16.2	X	19.25617	162.08947	226.96260	2.96563	0.1040897	0.21247873	2.7813719	21	12 28.1	19.7
211400 2002 VX_{26}	15.8	X	110.43294	280.84598	31.16514	6.20116	0.1117795	0.21580488	2.7527189	21	—	—
211401 2002 VX_{40}	16.0	X	22.82917	201.74747	251.16519	2.22852	0.0623627	0.22038085	2.7144810	21	—	—
211402 2002 VE_{50}	16.2	X	73.02540	299.38741	89.45393	5.93891	0.1230080	0.21968795	2.7201857	21	—	—
211403 2002 VW_{52}	15.9	X	254.56838	348.46971	84.78416	3.97979	0.1493667	0.19826764	2.9127385	21	8 13.1	20.2
211404 2002 VU_{57}	16.2	X	108.67393	157.53690	194.54290	6.24495	0.0724612	0.22086217	2.7105359	21	—	—
211405 2002 VH_{61}	16.1	X	167.05558	306.98303	3.92018	4.89558	0.1895542	0.22527673	2.6750085	21	—	—
211406 2002 VR_{69}	15.6	X	117.48508	342.17223	15.37618	16.11396	0.2630581	0.22865793	2.6485725	21	1 6.6	19.5
211407 2002 VK_{73}	16.2	X	42.83938	283.45283	103.61761	4.41728	0.1433286	0.21499585	2.7596203	21	—	—
211408 2002 VK_{86}	16.4	X	95.96271	19.68716	328.29184	4.02653	0.1230182	0.21908935	2.7251383	21	—	—
211409 2002 VE_{87}	15.7	X	58.96026	335.60443	27.40674	9.57233	0.1091059	0.21379639	2.7699322	21	—	—
211410 2002 VY_{92}	15.4	X	54.46191	275.72662	76.32572	9.94032	0.1681816	0.21268482	2.7795749	21	—	—
211411 2002 VB_{98}	15.9	X	26.82043	53.64704	7.59238	6.04966	0.1064207	0.21800550	2.7341631	21	—	—
211412 2002 VL_{103}	15.4	X	60.48235	285.40586	45.03794	20.95539	0.1163036	0.21037258	2.7999050	21	12 5.5	19.5
211413 2002 VM_{111}	15.5	X	47.75874	22.52022	311.62632	7.04231	0.2249665	0.21157760	2.7892638	21	12 13.8	19.4
211414 2002 VY_{111}	15.7	X	174.40167	260.37793	46.85328	12.59708	0.1787789	0.22499647	2.6772294	21	—	—
211415 2002 VA_{116}	15.6	X	231.84956	33.32060	83.20977	13.16520	0.1345325	0.19918827	2.9037566	21	9 19.1	20.2
211416 2002 VP_{134}	16.4	X	73.12954	307.75241	77.88436	3.35098	0.2128301	0.21942462	2.7223616	21	—	—
211417 2002 VW_{143}	15.9	X	203.06750	206.87598	58.73180	6.08536	0.1048034	0.22143065	2.7058947	21	—	—
211418 2002 WP_{12}	15.2	X	127.65806	261.02689	138.86711	16.65437	0.2342582	0.17562992	3.1579388	21	3 13.9	20.3
211419 2002 WS_{14}	15.4	X	19.81621	239.41981	138.17816	8.63506	0.1769638	0.20956705	2.8070753	21	12 24.5	18.9
211420 2002 WG_{22}	15.6	X	257.07281	210.07008	68.48544	15.14946	0.1685669	0.23080051	2.6321555	21	2 1.1	20.0
211421 2002 WD_{24}	16.1	X	91.02731	74.29103	194.24910	1.60806	0.0455484	0.20307387	2.8665973	21	10 19.5	20.1
211422 2002 WV_{24}	16.4	X	302.96364	128.58741	265.95469	2.31395	0.0798025	0.19959744	2.8997868	21	9 4.6	20.0
211423 2002 XE_{1}	15.3	X	45.34629	262.62028	72.73702	9.80105	0.3062418	0.21134163	2.7913396	21	12 23.1	19.3
211424 2002 XE_{9}	15.8	X	305.49869	88.93679	19.35976	1.95161	0.0508008	0.21061313	2.7977727	21	12 18.8	19.4
211425 2002 XW_{17}	16.2	X	348.42067	167.19259	238.74550	1.33122	0.0595929	0.20694671	2.8307208	21	11 29.7	19.8
211426 2002 XJ_{19}	15.0	X	215.48458	27.27847	257.91565	12.81978	0.1768637	0.22719006	2.6599686	21	—	—
211427 2002 XK_{20}	15.8	X	295.44410	345.72293	26.37883	5.29431	0.0592241	0.19579689	2.9371910	21	7 31.4	19.8
211428 2002 XN_{30}	15.3	X	67.99788	187.68927	300.80131	14.07661	0.2318366	0.17486979	3.1670835	21	4 10.3	19.6
211429 2002 XD_{37}	15.3	X	129.30950	83.10114	26.97027	15.54546	0.2303166	0.17942458	3.1132555	21	5 30.5	20.6
211430 2002 XN_{55}	16.2	X	165.55855	249.99849	197.97255	5.50131	0.2285791	0.18462480	3.0545180	21	6 6.3	21.4
211431 2002 XZ_{58}	15.4	X	179.13210	17.63204	50.24077	7.45169	0.2478557	0.18360415	3.0658275	21	5 23.2	20.8
211432 2002 XO_{63}	15.6	X	185.53425	346.11171	99.47569	7.55025	0.2325815	0.18658078	3.0331329	21	6 18.6	20.8
211433 2002 XL_{66}	15.8	X	47.66311	287.96522	72.37418	7.66590	0.0746051	0.20998310	2.8033661	21	12 24.6	19.5
211434 2002 XR_{95}	16.1	X	99.40307	263.38030	83.88750	4.01842	0.1198295	0.21744501	2.7388595	21	—	—
211435 2002 YM_{9}	15.5	X	213.42103	154.48191	241.52730	2.05064	0.3155136	0.18659298	3.0330007	21	5 9.2	21.0
211436 2002 YN_{10}	15.7	X	159.87529	139.64245	312.58357	3.99765	0.2161636	0.18230321	3.0803957	21	6 5.7	20.9
211437 2002 YY_{15}	15.6	X	177.26596	45.53336	78.54995	4.27971	0.2297546	0.18964845	3.0003357	21	7 29.2	20.8
211438 2002 YD_{18}	15.8	X	100.92174	281.81154	96.16798	6.20144	0.1746846	0.22019040	2.7160461	21	—	—
211439 2002 YD_{23}	16.3	X	192.09264	160.97936	267.55681	0.44793	0.2771978	0.18570118	3.0427033	21	6 2.7	21.8
211440 2003 AH_{25}	15.1	X	131.10936	34.90044	99.51887	14.41219	0.1323013	0.18322457	3.0700603	21	6 26.2	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211441 2003 AC_{51}	15.0	X	207.39958	357.48109	101.04777	11.42077	0.0561138	0.18817407	3.0159874	21	7 31.9	19.5
211442 2003 AR_{52}	15.2	X	84.92323	183.45145	318.23382	10.96281	0.1495350	0.17532956	3.1615444	21	5 12.3	19.8
211443 2003 AU_{52}	14.9	X	155.92525	357.14266	101.08479	19.69179	0.0889949	0.18071580	3.0984081	21	6 6.7	19.7
211444 2003 AK_{53}	15.0	X	180.98836	332.28463	105.34859	16.47853	0.2309872	0.18314856	3.0709097	21	6 7.8	20.4
211445 2003 AM_{65}	15.0	X	124.08726	21.98684	81.81721	18.70017	0.2084480	0.17759334	3.1346203	21	5 22.8	20.1
211446 2003 AR_{65}	14.9	X	94.31262	187.73338	327.41374	14.99685	0.1260281	0.17885315	3.1198831	21	6 9.6	19.6
211447 2003 AS_{70}	16.0	X	161.63140	7.84835	82.41016	6.01419	0.1370295	0.18140796	3.0905219	21	6 2.4	20.9
211448 2003 AK_{76}	15.0	X	165.67080	49.24518	62.05112	11.71994	0.2429221	0.18495014	3.0509349	21	7 4.4	20.5
211449 2003 AL_{81}	14.8	X	297.72958	334.45856	56.10606	17.51935	0.2139808	0.19588967	2.9362635	21	8 9.8	18.8
211450 2003 BZ_{11}	15.3	X	105.64915	115.81973	55.89591	1.66218	0.1146333	0.17952966	3.1120405	21	7 13.5	19.9
211451 2003 BV_{27}	15.4	X	89.78958	29.18146	164.14068	15.35187	0.2284480	0.17918853	3.1159890	21	8 4.3	20.2
211452 2003 BG_{28}	15.1	X	112.24543	38.39079	151.29592	15.45782	0.1499913	0.18278906	3.0749348	21	8 15.5	19.7
211453 2003 BC_{33}	16.0	X	115.94325	355.06305	159.55033	3.49821	0.1411207	0.17977324	3.1092289	21	7 5.9	20.6
211454 2003 BF_{33}	15.8	X	219.50628	326.43397	115.84115	5.37502	0.0973271	0.18707164	3.0278248	21	7 20.7	20.4
211455 2003 BV_{36}	15.8	X	18.94193	45.09242	172.34318	3.53952	0.1271487	0.16989078	3.2286639	21	5 11.6	19.6
211456 2003 BD_{53}	15.1	X	182.50776	96.80540	338.38630	11.24950	0.1116532	0.18052708	3.1005672	21	6 1.3	20.2
211457 2003 BE_{62}	15.3	X	190.72391	330.91861	99.48032	12.66533	0.1606439	0.18183021	3.0857354	21	6 6.3	20.4
211458 2003 BJ_{64}	15.4	X	31.02632	108.17193	122.60120	15.80400	0.0709752	0.17994791	3.1072165	21	6 14.9	19.7
211459 2003 BZ_{74}	15.3	X	106.46598	62.06766	96.32961	17.32430	0.1798249	0.17834690	3.1257844	21	7 5.1	19.9
211460 2003 BJ_{83}	15.1	X	39.76619	201.03122	347.21290	12.79034	0.1068919	0.17187980	3.2037072	21	4 29.2	19.3
211461 2003 BB_{89}	15.6	X	84.67122	328.94821	170.96539	9.37781	0.1774178	0.17273693	3.1931005	21	5 19.7	20.1
211462 2003 BE_{92}	15.0	X	320.63961	335.64479	327.38841	11.09874	0.0580963	0.17843897	3.1247090	21	6 2.3	19.4
211463 2003 BD_{93}	15.1	X	85.84467	82.74681	108.13398	11.95065	0.0606079	0.17982053	3.1086837	21	7 5.9	19.3
211464 2003 CL_{2}	15.9	X	172.18923	345.31607	166.21270	3.96336	0.1651222	0.18778145	3.0201900	21	8 25.9	20.8
211465 2003 CV_{13}	15.8	X	130.63800	300.87013	191.46263	16.51555	0.1889856	0.17900890	3.1180731	21	6 26.8	21.1
211466 2003 CL_{14}	15.5	X	143.06495	357.63584	121.21888	13.38425	0.0979191	0.17925158	3.1152582	21	6 17.6	20.3
211467 2003 CN_{15}	15.3	X	46.72660	192.42808	17.29539	7.01145	0.1902414	0.17474763	3.1685594	21	6 24.4	19.2
211468 2003 CS_{21}	15.3	X	73.28602	58.10803	162.83296	17.12347	0.1305798	0.18030598	3.1031014	21	8 6.2	19.7
211469 2003 DS_{3}	15.3	X	98.27469	127.66783	342.73511	7.25908	0.0804241	0.16952417	3.2333171	21	4 11.4	19.9
211470 2003 DA_{15}	15.0	X	57.03280	183.42183	354.94435	18.29834	0.1125831	0.17205668	3.2015112	21	5 11.5	19.5
211471 2003 DS_{18}	15.1	X	177.36517	278.37272	130.21834	10.74571	0.1100736	0.17504855	3.1649271	21	5 1.3	20.2
211472 2003 DL_{24}	14.8	X	57.05476	108.83402	110.55545	17.06751	0.1645643	0.17654996	3.1469581	21	7 19.8	18.8
211473 Herin	16.1	X	215.49452	300.45247	20.61795	3.93761	0.0876043	0.21552729	2.7550820	21	2 15.7	20.2
211474 2003 EF_{19}	15.3	X	183.27123	266.94375	167.21448	12.16133	0.0665830	0.17654867	3.1469735	21	6 4.4	20.3
211475 2003 ED_{23}	15.0	X	63.53391	13.42377	160.20502	17.76199	0.1146694	0.17063329	3.2192908	21	5 26.5	19.6
211476 2003 EX_{37}	14.5	X	101.39555	25.03276	139.10007	24.98153	0.1432294	0.17519306	3.1631864	21	7 4.1	19.5
211477 2003 ET_{52}	14.9	X	115.73704	133.86815	22.14743	18.44765	0.1245280	0.17706505	3.1408520	21	7 8.3	20.0
211478 2003 EA_{55}	15.3	X	58.86041	157.27648	82.06576	10.98056	0.0260322	0.18377518	3.0639251	21	7 30.2	19.6
211479 2003 ET_{59}	14.7	X	70.80067	152.10776	48.31501	19.01178	0.1470007	0.17455188	3.1709278	21	7 13.1	19.3
211480 2003 FC_{7}	16.2	X	231.01381	357.85520	170.22177	2.03726	0.0167961	0.19485200	2.9466789	21	11 28.4	20.3
211481 2003 FT_{18}	16.6	X	272.71637	146.23083	177.47202	2.93804	0.0528452	0.22305707	2.6927253	21	4 25.9	20.4
211482 2003 FN_{19}	15.0	X	79.32207	161.48699	43.28383	10.29845	0.0308165	0.17818275	3.1277037	21	7 12.4	19.5
211483 2003 FC_{84}	15.1	X	59.80095	96.23926	152.48239	15.53927	0.1888261	0.18018084	3.1045380	21	9 4.5	19.2
211484 2003 FP_{89}	14.8	X	331.40265	77.35546	229.66501	8.24547	0.0753290	0.17422992	3.1748331	21	6 22.6	19.0
211485 2003 FU_{106}	15.6	X	10.20663	114.89301	19.03077	8.61347	0.0398129	0.20994701	2.8036874	21	1 5.3	19.4
211486 2003 GK_{39}	15.4	X	175.96162	58.13518	22.14329	26.92304	0.1935916	0.17635174	3.1493159	21	5 27.0	21.1
211487 2003 GL_{47}	16.4	X	25.03423	86.80808	79.85575	4.34573	0.0293954	0.21530124	2.7570101	21	3 8.7	20.0
211488 2003 HA_{44}	16.3	X	83.58792	178.64172	126.87408	5.54336	0.2848362	0.23862566	2.5742928	21	12 23.9	20.6
211489 2003 KP	17.5	X	159.01848	100.49030	201.34142	3.14470	0.1434501	0.30284117	2.1961371	21	—	—
211490 2003 MZ	17.5	X	130.18435	109.73425	192.30410	6.12682	0.2474569	0.29382060	2.2408591	21	—	—
211491 2003 NQ_{6}	16.5	X	43.30787	109.27868	232.39869	2.90848	0.2491649	0.28346460	2.2951099	21	—	—
211492 2003 NE_{7}	16.7	X	357.68108	329.34204	7.78973	3.36844	0.2612378	0.27777946	2.3263191	21	10 13.9	17.8
211493 2003 NL_{9}	17.4	X	127.06156	98.98555	203.10987	4.91443	0.2089241	0.29388236	2.2405452	21	—	—
211494 2003 NO_{10}	17.7	X	126.87876	102.89963	187.05058	4.70338	0.1217205	0.29170542	2.2516785	21	—	—
211495 2003 OM_{7}	17.0	X	136.95951	101.06370	185.57837	4.41110	0.1470333	0.29323471	2.2438430	21	—	—
211496 2003 OD_{9}	16.3	X	89.46340	123.67341	145.89917	23.77573	0.1826879	0.28442659	2.2899320	21	11 20.4	20.3
211497 2003 OW_{19}	16.6	X	8.46386	176.94286	157.38105	4.68332	0.2394377	0.27640881	2.3340033	21	11 2.8	18.5
211498 2003 PA_{6}	16.8	X	73.30872	131.74903	177.85033	5.58662	0.1760278	0.28474620	2.2882181	21	12 17.8	20.2
211499 2003 PM_{7}	16.6	X	293.59684	164.92351	162.74148	5.63489	0.2343588	0.26552702	2.3973433	21	4 28.6	19.7
211500 2003 PD_{9}	17.0	X	6.12179	177.03016	145.17125	6.43363	0.2208777	0.27645065	2.3337678	21	10 6.4	18.7
211501 2003 QX_{2}	17.3	X	340.43668	200.80763	171.07827	6.93772	0.1259320	0.27755830	2.3275547	21	10 19.7	19.3
211502 2003 QL_{11}	17.0	X	178.55034	189.04859	98.79344	5.25859	0.1575634	0.29866689	2.2165523	21	—	—
211503 2003 QO_{11}	16.8	X	58.01557	220.80675	119.34543	6.74642	0.1562070	0.28614214	2.2807700	21	—	—
211504 2003 QG_{15}	16.9	X	164.85404	11.80360	241.34799	4.40106	0.1657808	0.29115078	2.2545373	21	—	—
211505 2003 QU_{17}	16.8	X	255.49719	7.53891	1.31551	5.48492	0.2897744	0.26301899	2.4125592	21	5 3.8	20.9
211506 2003 QG_{20}	16.4	X	125.45425	318.88790	353.63357	7.20521	0.1727343	0.29196570	2.2503401	21	—	—
211507 2003 QP_{26}	16.0	X	136.69713	87.86995	170.99160	22.60489	0.2307486	0.28757966	2.2731631	21	12 14.5	20.4
211508 2003 QR_{26}	16.6	X	159.13614	350.91154	315.03138	3.72783	0.2011650	0.29617596	2.2289630	21	—	—
211509 2003 QD_{33}	16.5	X	307.50950	31.07312	295.22139	4.18024	0.2475359	0.26619764	2.3933153	21	5 10.2	19.3
211510 2003 QP_{38}	16.7	X	123.56142	123.13014	166.38897	7.19408	0.1616031	0.28988662	2.2610870	21	—	—
211511 2003 QG_{40}	16.7	X	309.46966	15.30156	341.01682	5.24009	0.1595089	0.26959128	2.3731881	21	7 17.2	19.0
211512 2003 QW_{43}	17.1	X	190.03601	149.16681	148.95934	3.06420	0.1762091	0.29982564	2.2108378	21	—	—
211513 2003 QB_{44}	17.0	X	287.13350	33.52544	296.84940	1.74287	0.1773133	0.26307404	2.4122227	21	4 30.1	20.1
211514 2003 QK_{50}	16.6	X	233.12589	263.84843	121.72335	6.95051	0.1636761	0.26120814	2.4236965	21	5 18.4	20.4
211515 2003 QE_{51}	16.5	X	239.87462	346.72473	25.37598	4.19117	0.1918108	0.26006641	2.4307850	21	5 2.8	20.4
211516 2003 QQ_{51}	16.6	X	343.39547	350.75246	359.54522	6.46277	0.1479693	0.27588571	2.3369527	21	9 19.7	18.4
211517 2003 QV_{51}	16.7	X	275.62304	5.37769	27.45078	4.84905	0.1305506	0.27052591	2.3677189	21	7 21.9	19.6
211518 2003 QK_{55}	17.1	X	79.97953	311.27676	33.28654	3.69516	0.2517756	0.28883826	2.2665548	21	—	—
211519 2003 QP_{55}	16.9	X	301.87770	12.74876	3.57230	5.86061	0.1477270	0.27100572	2.3649234	21	8 6.7	19.3
211520 2003 QY_{56}	17.1	X	36.37281	323.23375	21.39926	4.55307	0.2493952	0.28185386	2.3038457	21	12 31.6	20.2

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211521 2003 QO_{59}	16.8	X	80.04811	295.67835	2.58220	6.51243	0.1286821	0.28241076	2.3008160	21	12 3.8	20.0
211522 2003 QZ_{59}	16.9	X	16.05243	143.99783	144.27375	8.70583	0.1680351	0.27146264	2.3622689	21	8 22.1	18.9
211523 2003 QX_{60}	16.3	X	108.97089	292.94036	31.35316	5.20217	0.1980708	0.29015492	2.2596929	21	—	—
211524 2003 QE_{67}	16.6	X	61.09658	224.17368	129.99835	5.40544	0.1273436	0.28607197	2.2811430	21	—	—
211525 2003 QF_{67}	16.7	X	302.35695	247.02815	113.71510	3.12817	0.2167804	0.26848758	2.3796874	21	6 29.4	19.1
211526 2003 QO_{73}	16.9	X	225.54192	78.12249	308.87859	3.21709	0.2182943	0.26110718	2.4243212	21	5 6.6	20.8
211527 2003 QU_{74}	16.9	X	329.57235	143.80714	179.36075	7.38931	0.1257704	0.26987450	2.3715274	21	7 6.3	19.3
211528 2003 QQ_{93}	17.2	X	40.90296	334.19898	5.34138	1.85111	0.1749574	0.28355545	2.2946197	21	12 19.7	20.1
211529 2003 QU_{96}	16.6	X	52.16091	259.58547	157.29054	7.38164	0.2486430	0.23722155	2.5844410	21	—	—
211530 2003 QD_{100}	17.1	X	169.95502	84.11612	166.79342	5.86100	0.1743363	0.29172761	2.2515643	21	—	—
211531 2003 QV_{103}	16.1	X	168.13390	241.56210	51.91081	7.17573	0.1478911	0.29549938	2.2323640	21	—	—
211532 2003 QQ_{104}	16.6	X	354.61637	26.33823	323.78328	4.23565	0.1383219	0.27617934	2.3352959	21	10 10.4	18.8
211533 2003 QH_{108}	16.5	X	292.27890	170.95346	156.27919	10.57912	0.1520813	0.26584919	2.3954061	21	5 10.6	19.7
211534 2003 RX_{2}	17.3	X	322.31919	16.30518	354.31091	6.07415	0.1224660	0.27426074	2.3461744	21	9 8.6	19.4
211535 2003 RY_{8}	17.1	X	340.57376	215.35750	139.27433	3.26931	0.1411330	0.27447847	2.3449335	21	9 21.3	19.0
211536 2003 RR_{11}	17.1	X	234.23972	69.48721	355.37415	6.41659	0.0907436	0.26707440	2.3880745	21	7 18.3	20.4
211537 2003 RL_{12}	15.8	X	63.05520	182.46457	268.70094	12.91980	0.2529974	0.24364720	2.5387996	21	1 29.7	18.0
211538 2003 RD_{18}	15.5	X	288.22294	268.53177	231.62084	20.78174	0.0477102	0.23121441	2.6290133	21	—	—
211539 2003 RD_{19}	17.0	X	296.19567	156.63731	178.30076	5.61565	0.1989897	0.26516863	2.3995030	21	5 17.3	19.9
211540 2003 RA_{20}	17.5	X	346.27886	358.84512	346.47677	1.09134	0.2027963	0.27396800	2.3478454	21	9 19.3	18.9
211541 2003 RA_{21}	16.7	X	235.40700	64.13548	3.83309	4.07682	0.0844720	0.26787194	2.3833321	21	7 24.5	20.0
211542 2003 SU_{15}	16.9	X	286.32841	205.13707	161.69555	2.11099	0.1061220	0.26724800	2.3870402	21	7 2.2	19.8
211543 2003 SV_{15}	16.5	X	186.79309	299.78125	170.59735	4.71652	0.1322175	0.26579673	2.3957213	21	7 21.1	20.2
211544 2003 SM_{24}	16.2	X	7.31436	301.15324	36.99844	7.13925	0.2245266	0.27632097	2.3344979	21	11 1.6	18.1
211545 2003 SF_{26}	16.9	X	341.07088	347.01289	2.71608	6.19540	0.2059787	0.27317627	2.3523796	21	9 13.9	18.1
211546 2003 SN_{40}	16.6	X	100.69579	28.58764	263.31575	5.00843	0.1693076	0.28365776	2.2940679	21	12 21.0	20.2
211547 2003 SJ_{44}	16.6	X	315.05989	355.21251	325.64184	6.01658	0.1228575	0.26530768	2.3986645	21	6 6.4	19.2
211548 2003 SU_{44}	16.9	X	36.37120	1.52429	324.92837	4.59251	0.1457177	0.27846763	2.3224849	21	11 18.9	19.7
211549 2003 SL_{46}	16.9	X	56.48805	140.19965	185.42759	4.64110	0.1339769	0.28175119	2.3044053	21	12 14.6	19.9
211550 2003 SV_{46}	17.1	X	172.85585	87.19354	210.67424	2.66064	0.2220558	0.29717496	2.2239648	21	—	—
211551 2003 SJ_{51}	16.7	X	189.20069	246.89677	145.66115	3.01401	0.1919639	0.25398739	2.4694180	21	4 15.9	20.8
211552 2003 SO_{52}	16.3	X	208.74257	13.69241	29.08059	6.61410	0.1367796	0.25806781	2.4433189	21	5 14.7	20.2
211553 2003 SX_{52}	16.4	X	65.99723	61.51532	358.53398	13.91554	0.2868164	0.23640015	2.5904242	21	1 3.8	18.7
211554 2003 SB_{56}	16.7	X	220.89775	191.11832	208.93055	5.88506	0.1372647	0.26088296	2.4257102	21	5 25.2	20.4
211555 2003 SM_{57}	16.6	X	241.72959	23.48797	7.26697	4.22267	0.1358511	0.26118994	2.4238091	21	6 2.9	20.2
211556 2003 SW_{58}	16.3	X	229.63115	137.49241	239.73907	6.66404	0.0978587	0.26061154	2.4273941	21	5 5.6	19.9
211557 2003 SG_{72}	16.7	X	23.83894	354.36633	332.19153	6.56220	0.1315432	0.27722077	2.3294436	21	10 26.7	19.3
211558 2003 SP_{83}	16.7	X	235.97719	261.39538	162.24272	5.85924	0.1253606	0.26548117	2.3976194	21	7 12.3	20.2
211559 2003 SN_{91}	16.2	X	112.80065	156.45627	0.20115	6.18719	0.0532657	0.26140668	2.4224692	21	6 23.8	19.5
211560 2003 SB_{94}	16.3	X	305.10649	359.35252	357.98700	4.68204	0.2256172	0.26713130	2.3877354	21	6 27.7	18.8
211561 2003 SQ_{94}	16.7	X	38.62153	332.74481	12.45327	6.80813	0.2064308	0.27985075	2.3148262	21	12 28.6	19.8
211562 2003 SV_{95}	16.5	X	55.22084	20.07332	293.75468	2.65738	0.1660909	0.27930338	2.3178496	21	11 30.8	19.6
211563 2003 SU_{103}	17.0	X	329.50138	143.94499	205.70066	1.78990	0.2267973	0.27042903	2.3682843	21	8 7.6	18.5
211564 2003 SO_{107}	16.8	X	352.30116	113.07514	220.18785	4.63303	0.2309249	0.27230927	2.3573701	21	9 13.6	18.1
211565 2003 ST_{120}	17.1	X	317.84479	332.03747	9.70182	2.54991	0.2039293	0.26860455	2.3789965	21	7 1.6	19.3
211566 2003 SE_{123}	16.7	X	40.63657	325.53716	41.39615	7.24944	0.1208084	0.28368768	2.2939066	21	—	—
211567 2003 SH_{126}	16.6	X	326.66071	189.71813	180.52167	2.15855	0.2198937	0.27160913	2.3614195	21	9 7.8	18.0
211568 2003 SS_{129}	17.1	X	230.90392	355.50289	35.93847	3.46244	0.2060728	0.26020980	2.4298919	21	5 18.5	20.9
211569 2003 SF_{139}	15.9	X	15.37798	33.17380	31.02666	13.93188	0.2456815	0.22557861	2.6726214	21	—	—
211570 2003 SP_{150}	16.6	X	331.65366	321.10814	75.67565	7.79467	0.1113978	0.27714749	2.3298543	21	11 9.4	18.8
211571 2003 SB_{152}	16.8	X	235.02522	326.14997	61.53848	5.86302	0.1889157	0.26264496	2.4148491	21	5 19.1	20.5
211572 2003 SF_{157}	16.7	X	46.43687	318.60955	16.12461	3.53963	0.2141440	0.28106310	2.3081649	21	12 24.9	19.8
211573 2003 SV_{160}	17.1	X	108.88871	232.51793	168.48296	7.99261	0.2329183	0.24275572	2.5450114	21	2 9.2	20.4
211574 2003 SQ_{161}	16.9	X	144.68097	325.10591	106.42112	2.20823	0.1962086	0.25236444	2.4799939	21	4 24.8	20.8
211575 2003 SV_{161}	17.1	X	50.58220	205.93716	91.56086	2.72171	0.1657547	0.27765794	2.3269979	21	11 4.2	19.8
211576 2003 SL_{167}	16.1	X	28.35537	35.56149	53.46577	5.26997	0.2080526	0.23598884	2.5934332	21	—	—
211577 2003 SC_{169}	16.2	X	156.81245	258.38080	43.14812	6.08458	0.1904352	0.29461626	2.2368228	21	—	—
211578 2003 SV_{175}	17.0	X	99.98420	52.60297	217.23726	5.13537	0.1537388	0.28231568	2.3013326	21	11 22.0	20.3
211579 2003 SB_{177}	16.9	X	212.79047	99.28787	167.52652	4.37706	0.1752762	0.29779987	2.2208525	21	—	—
211580 2003 SB_{181}	16.6	X	35.79165	314.16274	331.26270	6.34919	0.1240744	0.27195624	2.3594097	21	9 15.4	19.1
211581 2003 SF_{181}	17.0	X	333.30312	334.44634	335.68159	2.04087	0.2071150	0.26710646	2.3878834	21	6 12.0	19.0
211582 2003 SL_{181}	16.8	X	87.61150	5.68163	268.86338	3.55647	0.1819293	0.27954676	2.3165041	21	11 16.7	20.2
211583 2003 SA_{183}	16.9	X	223.49830	297.43212	349.50264	3.75828	0.2615518	0.30350188	2.1929486	21	—	—
211584 2003 SL_{185}	16.6	X	56.85777	168.13952	192.92097	6.19733	0.2218638	0.28824442	2.2696669	21	—	—
211585 2003 SM_{227}	17.0	X	95.57320	230.18480	204.78675	12.30961	0.2553432	0.24247250	2.5469928	21	3 9.9	20.2
211586 2003 SQ_{227}	17.0	X	230.23809	39.45410	353.90035	4.76125	0.1435079	0.25937786	2.4350849	21	5 23.8	20.8
211587 2003 SX_{227}	16.7	X	31.54293	205.00058	220.60373	3.38903	0.2515070	0.23147062	2.6270730	21	—	—
211588 2003 SP_{229}	17.0	X	66.96994	40.67880	69.10320	3.07799	0.0667173	0.24439985	2.5335847	21	2 17.5	19.9
211589 2003 SV_{232}	17.2	X	314.78221	175.75078	147.75791	5.51191	0.1978992	0.26731766	2.3866255	21	5 29.9	19.7
211590 2003 SP_{247}	16.7	X	316.09447	206.59811	157.78336	2.91174	0.1795266	0.26985156	2.3716618	21	8 7.6	18.7
211591 2003 SJ_{249}	16.2	X	262.02101	351.55847	35.00709	6.64305	0.1134835	0.26349953	2.4096251	21	6 25.3	19.4
211592 2003 SK_{252}	15.5	X	161.36518	165.17724	225.54863	5.69684	0.1696632	0.24475809	2.5311119	21	3 15.9	19.6
211593 2003 SE_{259}	16.5	X	23.89142	242.18892	206.89542	11.97902	0.2371560	0.23235030	2.6204380	21	—	—
211594 2003 SV_{259}	17.2	X	22.85955	140.74725	176.68502	2.09211	0.2241343	0.27427825	2.3460745	21	10 30.9	19.5
211595 2003 SQ_{269}	17.0	X	250.03836	320.82414	70.69218	3.52445	0.1781634	0.26266335	2.4147364	21	6 9.3	20.5
211596 2003 SW_{270}	16.5	X	68.69794	232.64357	170.33332	15.00504	0.1773581	0.23594150	2.5937801	21	—	—
211597 2003 ST_{271}	16.1	X	193.58395	225.85933	172.88492	6.01244	0.0949645	0.25529559	2.4609749	21	4 26.9	19.7
211598 2003 SB_{291}	16.5	X	276.59454	340.95036	19.09946	5.54925	0.1259642	0.26152613	2.4217315	21	6 4.4	19.8
211599 2003 SS_{291}	16.7	X	313.02092	2.61206	323.92750	6.50679	0.0897813	0.26381080	2.4077294	21	6 17.7	19.4
211600 2003 SR_{300}	16.3	X	78.36698	18.61292	258.34047	6.18110	0.1059411	0.27849478	2.3223340	21	10 31.3	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211601 2003 SA_{310}	16.2	X	16.61961	321.39035	38.55713	5.79336	0.2510396	0.27931309	2.3177959	21	12 25.8	18.7
211602 2003 SQ_{320}	16.8	X	241.68397	125.00074	286.37848	3.50655	0.0495931	0.26675813	2.3899617	21	7 12.5	19.9
211603 2003 SV_{321}	17.2	X	48.50298	316.28057	0.12925	6.44782	0.1205075	0.27657963	2.3330422	21	11 16.9	20.2
211604 2003 SC_{407}	16.4	X	42.47095	57.81169	77.40838	13.95708	0.1547320	0.24230062	2.5481972	21	2 23.3	19.2
211605 2003 SK_{423}	17.1	X	3.35759	354.22076	295.18143	2.54871	0.1216473	0.26573178	2.3961116	21	7 22.6	19.3
211606 2003 SN_{423}	17.0	X	354.60733	103.97359	16.49343	12.21524	0.2520845	0.23117023	2.6293483	21	—	—
211607 2003 TE_{16}	16.1	X	193.47277	25.89166	37.05471	11.41365	0.2626504	0.25667957	2.4521207	21	5 24.4	20.6
211608 2003 TQ_{17}	16.7	X	94.26743	224.16563	210.01583	3.60291	0.1714385	0.24330694	2.5411661	21	2 22.8	19.8
211609 2003 TT_{20}	16.7	X	324.28987	312.02679	42.80387	7.79526	0.1360204	0.26984187	2.3717186	21	8 20.4	19.0
211610 2003 TH_{39}	16.6	X	78.47092	318.85977	242.07731	6.23922	0.1254525	0.26267310	2.4146766	21	7 19.1	19.6
211611 2003 UY_{5}	16.5	X	87.44600	225.81026	92.10465	7.34320	0.2649332	0.28428396	2.2906979	21	—	—
211612 2003 UA_{30}	16.1	X	79.18049	221.61255	247.49786	6.56951	0.1242824	0.19042441	2.9921795	21	3 19.0	20.1
211613 Christophelovis	16.1	X	26.57064	199.44698	289.82349	4.22511	0.2781830	0.23768692	2.5810665	21	—	—
211614 2003 UF_{40}	16.7	X	37.06895	222.10686	195.51439	3.53967	0.1431274	0.23046173	2.6347344	21	—	—
211615 2003 UJ_{48}	16.7	X	232.06291	213.98628	180.27544	7.99640	0.1566277	0.25841435	2.4411340	21	5 28.6	20.5
211616 2003 UW_{51}	16.0	X	45.67114	146.35991	334.95923	12.15090	0.1917286	0.24047409	2.5610842	21	2 6.8	18.1
211617 2003 UO_{59}	16.3	X	102.63038	34.31090	306.13995	10.85867	0.1995809	0.23373842	2.6100529	21	—	—
211618 2003 UH_{61}	16.6	X	216.70972	305.87410	94.90607	3.95093	0.0964289	0.25948067	2.4344417	21	5 23.9	20.2
211619 2003 UT_{62}	16.3	X	41.12698	223.53764	112.45466	4.12228	0.1818755	0.28061969	2.3105956	21	12 15.9	19.1
211620 2003 UK_{63}	16.7	X	103.47686	164.59286	131.62769	6.61480	0.1698000	0.28408116	2.2917879	21	12 28.9	20.3
211621 2003 UL_{73}	16.9	X	29.23028	155.84361	44.16122	7.65118	0.0374948	0.25164919	2.4846908	21	4 22.5	19.8
211622 2003 UQ_{106}	16.2	X	350.37415	350.36495	302.50624	7.02005	0.1170321	0.26320430	2.4114267	21	7 1.9	18.5
211623 2003 UN_{112}	16.1	X	246.34794	294.23189	68.13620	7.11039	0.1542344	0.25772254	2.4455006	21	5 2.0	19.8
211624 2003 UB_{117}	16.3	X	310.48849	257.28373	101.00185	3.67549	0.1490306	0.26672400	2.3901655	21	7 23.0	18.7
211625 2003 UL_{119}	16.6	X	17.60331	220.75612	242.07650	4.68556	0.2039305	0.23420095	2.6066154	21	—	—
211626 2003 UK_{121}	15.4	X	329.19286	47.98957	328.93108	22.72713	0.1049557	0.27348284	2.3506213	21	9 19.9	18.2
211627 2003 UO_{122}	17.1	X	72.24001	261.78197	178.32243	2.74303	0.1879627	0.23936774	2.5689696	21	1 29.3	19.6
211628 2003 UM_{128}	17.2	X	256.43389	198.57426	161.21421	3.08329	0.1925689	0.25955901	2.4339518	21	5 4.8	20.9
211629 2003 UR_{129}	16.3	X	57.36664	172.28609	318.73361	5.81426	0.1356273	0.24351686	2.5397055	21	3 7.1	18.8
211630 2003 UE_{135}	17.1	X	291.94362	91.91008	243.29410	1.25673	0.1322102	0.26181464	2.4199521	21	5 21.4	20.0
211631 2003 UH_{136}	17.1	X	75.36480	197.02927	222.74187	2.15555	0.2442721	0.23719930	2.5846026	21	1 15.3	19.5
211632 2003 UQ_{136}	16.7	X	224.34223	357.32545	25.69908	6.90429	0.1254873	0.25690908	2.4506601	21	5 5.5	20.5
211633 2003 UE_{141}	16.7	X	138.67531	242.08761	39.36763	5.82721	0.1235189	0.28794194	2.2712561	21	—	—
211634 2003 UX_{143}	16.9	X	341.72523	351.65340	22.22029	6.28393	0.1818837	0.27252782	2.3561096	21	10 24.7	18.4
211635 2003 US_{157}	17.0	X	29.86846	228.52215	208.14681	3.31965	0.2470528	0.23095976	2.6309454	21	—	—
211636 2003 UF_{162}	16.7	X	281.52354	268.78403	64.18870	3.59602	0.1521023	0.25976363	2.4326735	21	5 2.0	19.9
211637 2003 UD_{168}	16.4	X	86.70801	111.41155	297.97461	3.96343	0.1978412	0.23758941	2.5817726	21	1 15.1	19.2
211638 2003 UG_{170}	16.6	X	26.67381	191.40861	237.37570	4.34135	0.2091789	0.23000784	2.6381994	21	—	—
211639 2003 UU_{180}	16.2	X	110.86148	301.69822	113.51812	5.89988	0.2238963	0.24172974	2.5522076	21	3 4.4	19.6
211640 2003 UV_{180}	16.6	X	72.36166	248.58817	87.24855	6.36768	0.1377045	0.28186165	2.3038033	21	—	—
211641 2003 UH_{189}	16.5	X	339.33112	310.84946	7.11028	6.25996	0.1653860	0.26608505	2.3939904	21	7 17.4	18.5
211642 2003 UE_{190}	16.8	X	352.92224	308.71727	8.81542	1.32753	0.1906882	0.26804245	2.3823213	21	8 17.9	18.3
211643 2003 UJ_{209}	17.2	X	88.93329	359.92379	46.38522	2.49803	0.2040307	0.23797666	2.5789711	21	1 15.9	20.0
211644 2003 UG_{211}	17.1	X	30.80040	65.89090	354.52150	1.64090	0.1994069	0.22945406	2.6424425	21	—	—
211645 2003 UB_{212}	16.7	X	68.56051	277.67285	55.42016	6.89231	0.1755917	0.28120474	2.3073897	21	—	—
211646 2003 UA_{216}	16.6	X	26.32296	198.27562	164.50233	3.66806	0.1526646	0.27953363	2.3165766	21	12 27.4	19.3
211647 2003 UW_{217}	16.6	X	273.21255	313.23622	64.55265	6.76596	0.1007178	0.26339347	2.4102720	21	6 30.1	19.6
211648 2003 UV_{219}	17.3	X	60.01296	161.41064	149.45854	3.25934	0.2377265	0.27937018	2.3174801	21	12 11.7	20.7
211649 2003 UK_{220}	17.0	X	42.14881	291.00820	14.90076	4.94298	0.1488342	0.27362160	2.3498265	21	10 29.8	19.8
211650 2003 UL_{226}	15.9	X	123.12472	220.25351	25.49903	9.88583	0.2005434	0.27552467	2.3389937	21	11 12.4	19.7
211651 2003 UT_{233}	16.9	X	125.90591	74.72451	16.94226	2.70392	0.0439623	0.25090502	2.4896014	21	4 10.9	20.1
211652 2003 UV_{238}	16.9	X	238.85095	19.92334	7.87375	4.70199	0.0812631	0.26022208	2.4298154	21	5 31.9	20.3
211653 2003 UY_{240}	16.7	X	122.51319	117.84214	274.26016	4.07925	0.1505866	0.24088124	2.5581975	21	2 3.3	20.2
211654 2003 UP_{246}	16.1	X	155.81680	293.91418	78.50813	5.14348	0.1665695	0.24287575	2.5441728	21	2 20.2	20.0
211655 2003 UT_{246}	16.0	X	275.25596	290.95286	115.60889	2.04039	0.2077263	0.20919494	2.8104030	21	7 25.3	19.6
211656 2003 UT_{254}	17.1	X	61.32003	28.26740	40.86272	4.40034	0.1705054	0.23641615	2.5903073	21	—	—
211657 2003 UT_{263}	17.0	X	71.51460	80.33240	0.44837	9.18816	0.1843232	0.23819106	2.5774233	21	2 1.9	19.7
211658 2003 UW_{274}	16.1	X	103.11926	217.18764	195.34054	8.56003	0.1551030	0.23900431	2.5715732	21	2 3.9	19.5
211659 2003 UC_{279}	16.4	X	44.78835	189.39893	232.11130	2.57875	0.1755676	0.23095463	2.6309843	21	—	—
211660 2003 UD_{282}	16.5	X	108.76330	309.34767	123.98378	4.14424	0.1208922	0.24322051	2.5417681	21	3 9.1	19.7
211661 2003 UZ_{315}	16.9	X	177.27017	279.31871	91.01366	2.25023	0.1743571	0.24693099	2.5162415	21	3 8.9	20.8
211662 2003 UA_{324}	16.2	X	82.29720	307.53736	202.14541	7.56506	0.1789690	0.25637428	2.4540670	21	5 23.5	19.2
211663 2003 UK_{327}	17.0	X	202.24503	318.37308	285.24516	5.25301	0.1634399	0.29469102	2.2364444	21	—	—
211664 2003 UG_{381}	17.5	X	141.60983	352.81547	72.00603	3.07246	0.0690675	0.25112490	2.4881479	21	3 31.1	20.8
211665 2003 VQ_{4}	16.4	X	19.30514	182.29911	337.24938	2.89551	0.1744904	0.23982435	2.5657079	21	2 4.9	18.9
211666 2003 VW_{7}	16.3	X	30.40501	50.17810	25.47557	13.57208	0.1703722	0.23044763	2.6348418	21	—	—
211667 2003 VU_{9}	16.8	X	181.38318	78.00352	354.47579	5.43003	0.0916156	0.25447759	2.4662458	21	5 25.2	20.5
211668 2003 VH_{11}	16.8	X	99.09290	139.01002	260.81016	3.48542	0.2004161	0.23751014	2.5823471	21	1 21.6	19.8
211669 2003 VL_{11}	16.6	X	105.45418	176.04001	226.73541	2.97692	0.1960027	0.23813751	2.5778096	21	2 2.3	19.9
211670 2003 WZ_{16}	16.5	X	320.64653	228.34946	30.83332	6.12719	0.0934751	0.25125475	2.4872906	21	3 26.5	19.6
211671 2003 WK_{21}	16.0	X	345.35975	252.98673	48.72187	7.55185	0.0997064	0.26055191	2.4277644	21	7 7.1	18.5
211672 2003 WX_{28}	16.8	X	104.19212	300.25239	8.32309	5.86432	0.1804068	0.28214748	2.3022471	21	—	—
211673 2003 WZ_{31}	16.4	X	29.14027	279.02264	9.13087	7.17774	0.0823480	0.26671704	2.3902071	21	9 5.4	19.0
211674 2003 WS_{32}	16.8	X	301.33451	10.79857	10.61601	1.57604	0.0662037	0.26528386	2.3988080	21	8 23.9	19.6
211675 2003 WD_{33}	16.4	X	35.20688	179.71346	9.68382	4.14412	0.0670635	0.25023530	2.4940414	21	4 16.5	19.0
211676 2003 WZ_{53}	17.3	X	44.20673	92.65448	347.38940	3.77684	0.1777045	0.23395456	2.6084451	21	—	—
211677 2003 WU_{55}	16.8	X	36.09496	48.99548	2.09097	4.43475	0.2188067	0.22830191	2.6513253	21	—	—
211678 2003 WN_{64}	17.0	X	109.47793	212.37127	242.02145	2.89872	0.1284470	0.24461869	2.5320734	21	4 5.4	20.4
211679 2003 WB_{69}	15.9	X	301.18786	267.69321	240.04123	11.72319	0.2097181	0.22382604	2.6865544	21	—	—
211680 2003 WT_{70}	15.8	X	87.86778	91.02091	351.17916	14.76866	0.0922278	0.24131377	2.5551397	21	2 17.9	18.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211681 2003 WG_{71}	16.6	X	34.09169	122.49324	319.08857	3.71867	0.2483227	0.23217950	2.6217230	21	—	—
211682 2003 WZ_{71}	15.9	X	57.44999	199.63335	298.77382	12.71194	0.0894328	0.24380614	2.5376962	21	3 7.8	19.0
211683 2003 WC_{81}	16.2	X	92.13326	357.64424	36.02845	4.71411	0.1189614	0.23397248	2.6083120	21	—	—
211684 2003 WA_{90}	16.9	X	42.23104	80.38694	234.68009	3.22004	0.2462255	0.27557954	2.3386832	21	11 27.9	19.8
211685 2003 WK_{101}	15.2	X	188.28743	97.40541	319.28445	14.20021	0.1578642	0.19859012	2.9095844	21	5 11.9	20.3
211686 2003 WT_{105}	16.4	X	345.49501	298.38837	55.54632	6.82130	0.1308585	0.26815751	2.3816398	21	10 1.8	18.6
211687 2003 WJ_{106}	16.6	X	339.18933	45.33850	61.38997	5.63677	0.2643066	0.22428093	2.6829206	21	—	—
211688 2003 WE_{108}	16.2	X	338.62999	47.29377	244.49719	5.46547	0.0697674	0.25995601	2.4314731	21	6 11.3	18.9
211689 2003 WR_{111}	16.6	X	105.08007	42.29421	3.77983	2.79646	0.1211850	0.23842892	2.5757088	21	1 27.5	19.7
211690 2003 WC_{118}	16.0	X	151.96556	358.35486	44.48205	8.32191	0.1652778	0.24460911	2.5321395	21	3 26.9	19.9
211691 2003 WQ_{119}	16.5	X	47.43230	84.99772	36.87572	4.82670	0.1520243	0.23695061	2.5864107	21	2 10.3	19.0
211692 2003 WA_{127}	15.7	X	316.09137	125.99386	71.17679	14.27589	0.0928209	0.23235885	2.6203737	21	—	—
211693 2003 WY_{133}	17.0	X	140.21571	129.91834	247.36744	1.96931	0.1727426	0.24060924	2.5601251	21	2 8.2	20.6
211694 2003 WS_{137}	16.0	X	204.82308	116.39622	228.23879	4.03579	0.1982539	0.24568558	2.5247377	21	2 27.4	20.2
211695 2003 WW_{137}	15.7	X	145.72528	304.27399	68.21432	8.60736	0.1448711	0.23929733	2.5694735	21	2 9.0	19.5
211696 2003 WN_{142}	16.5	X	189.44328	92.17525	253.31790	3.44141	0.1882130	0.24418068	2.5351005	21	2 15.8	20.6
211697 2003 WR_{145}	16.0	X	71.09893	307.98898	123.55573	12.22518	0.1624848	0.23643764	2.5901503	21	1 13.2	18.7
211698 2003 WW_{145}	16.6	X	146.43753	331.66830	67.08485	3.94443	0.0860437	0.24335638	2.5408219	21	3 6.5	20.2
211699 2003 WS_{146}	16.2	X	356.26635	229.00491	67.55545	6.88125	0.1292997	0.26173652	2.4204336	21	7 20.7	18.5
211700 2003 WX_{147}	16.2	X	326.92153	280.99685	208.59783	11.34874	0.2110295	0.22560558	2.6724084	21	—	—
211701 2003 WD_{153}	16.3	X	23.93182	264.75414	177.95036	13.27754	0.1676311	0.23051600	2.6343209	21	—	—
211702 2003 WK_{169}	16.3	X	314.73017	298.50652	173.49888	12.74318	0.1478447	0.22218360	2.6997780	21	—	—
211703 2003 XB_{1}	16.4	X	71.70688	98.87649	326.80616	4.89207	0.0541142	0.23626945	2.5913794	21	—	—
211704 2003 XE_{2}	16.4	X	2.38846	226.08655	184.05122	4.62754	0.2316813	0.22302253	2.6930033	21	—	—
211705 2003 XD_{4}	16.7	X	24.83804	18.72270	110.06673	5.77878	0.1718853	0.23519458	2.5992687	21	1 3.5	19.2
211706 2003 XB_{6}	15.9	X	133.42109	341.02877	46.91418	15.55460	0.1221700	0.23924462	2.5698509	21	2 16.2	19.8
211707 2003 XZ_{6}	14.6	X	354.77475	106.24348	300.02886	29.04285	0.2926595	0.21942450	2.7223626	21	—	—
211708 2003 XB_{10}	15.8	X	339.50986	91.86905	31.76761	13.09127	0.2193691	0.22461325	2.6802736	21	—	—
211709 2003 XQ_{16}	15.8	X	11.97098	229.30806	227.82702	11.13983	0.1624060	0.22870240	2.6482292	21	—	—
211710 2003 XD_{18}	15.6	X	27.42183	17.03274	69.65548	22.78261	0.0612511	0.22767759	2.6561699	21	—	—
211711 2003 YF_{1}	15.1	X	54.61883	61.70463	301.17897	26.17523	0.2855864	0.22365535	2.6879211	21	—	—
211712 2003 YH_{3}	15.9	X	5.02075	55.86529	356.74141	13.47654	0.2114868	0.22073657	2.7115639	21	—	—
211713 2003 YR_{16}	14.6	X	29.97515	197.75709	292.03526	17.26469	0.0886827	0.17641015	3.1486207	21	1 30.2	18.6
211714 2003 YT_{19}	15.5	X	302.29201	152.39035	88.08966	9.67744	0.0681222	0.23549061	2.5970899	21	2 12.6	19.1
211715 2003 YT_{25}	16.2	X	67.95452	22.51951	16.71517	2.21292	0.2151911	0.22908230	2.6453005	21	—	—
211716 2003 YA_{28}	15.2	X	69.05716	99.52713	81.72153	11.30732	0.0582103	0.19489292	2.9462664	21	5 31.9	19.1
211717 2003 YV_{35}	15.5	X	10.33714	347.32954	94.53878	11.24318	0.1748889	0.22547945	2.6734049	21	—	—
211718 2003 YH_{37}	16.3	X	309.25918	5.52474	84.12831	4.80071	0.0639297	0.21434415	2.7652111	21	11 30.8	19.8
211719 2003 YK_{38}	16.7	X	173.54512	226.92967	108.62430	0.72685	0.1367538	0.23973973	2.5663115	21	1 19.4	20.5
211720 2003 YX_{38}	15.4	X	247.22615	255.51108	292.76371	8.48642	0.2144134	0.21582316	2.7525635	21	12 19.0	19.2
211721 2003 YF_{40}	16.4	X	278.75396	68.69457	92.15187	5.79706	0.0489034	0.21946014	2.7220679	21	—	—
211722 2003 YB_{44}	15.8	X	202.23715	164.34513	108.19301	12.67654	0.0477918	0.22506257	2.6767051	21	—	—
211723 2003 YC_{53}	16.2	X	6.77527	243.35008	240.72368	3.82210	0.0703303	0.23337989	2.6127253	21	—	—
211724 2003 YA_{60}	16.5	X	37.85293	69.63485	73.15190	3.48424	0.1011529	0.23923817	2.5698971	21	2 19.4	19.2
211725 2003 YO_{66}	15.8	X	324.08185	147.58763	73.97336	15.92281	0.0642220	0.23569295	2.5956033	21	2 21.2	19.5
211726 2003 YY_{73}	16.6	X	72.13410	33.80270	39.34831	4.94746	0.1434210	0.23548976	2.5970962	21	1 16.8	19.4
211727 2003 YS_{77}	16.4	X	352.03812	52.76725	82.77627	4.18452	0.1532703	0.22786263	2.6547318	21	—	—
211728 2003 YQ_{82}	16.3	X	149.68381	347.65098	45.79300	3.93412	0.1368755	0.24033594	2.5620656	21	3 9.2	20.0
211729 2003 YS_{91}	16.2	X	19.67655	257.60138	163.02657	5.10519	0.3107504	0.22342427	2.6897742	21	—	—
211730 2003 YR_{101}	14.7	X	85.40749	315.69360	117.43303	28.40161	0.1829333	0.17563044	3.1579326	21	3 1.5	19.2
211731 2003 YF_{104}	15.4	X	330.70141	237.30931	272.21933	11.00147	0.1167128	0.22818807	2.6522071	21	—	—
211732 2003 YS_{105}	14.8	X	354.93802	65.26191	107.28112	27.29301	0.1505302	0.17661362	3.1462019	21	1 29.3	18.7
211733 2003 YJ_{109}	15.9	X	293.16186	20.24750	93.71311	9.11716	0.1438805	0.21587553	2.7521183	21	12 1.7	19.1
211734 2003 YT_{118}	16.0	X	323.37678	92.03559	67.85338	7.86873	0.0745883	0.22711218	2.6605766	21	—	—
211735 2003 YE_{121}	16.3	X	299.39805	43.71939	45.96806	7.89939	0.2493218	0.21337107	2.7736119	21	10 25.4	18.9
211736 2003 YK_{122}	16.4	X	323.50820	106.37311	62.39858	4.17300	0.1498973	0.23090733	2.6313436	21	—	—
211737 2003 YR_{125}	16.3	X	13.63227	129.02640	339.85690	7.55601	0.1354958	0.22978303	2.6399199	21	—	—
211738 2003 YV_{136}	16.1	X	354.25368	323.17124	131.48459	13.83832	0.2141967	0.22635235	2.6665273	21	—	—
211739 2003 YD_{138}	17.5	X	302.63206	300.01813	137.23523	1.64960	0.1540621	0.26906588	2.3762765	21	11 8.5	19.6
211740 2003 YN_{144}	16.7	X	20.38246	113.39688	346.32728	3.49416	0.0526658	0.22684352	2.6626769	21	—	—
211741 2003 YN_{147}	15.3	X	73.64376	344.57929	50.97698	16.20171	0.1087182	0.22917343	2.6445992	21	—	—
211742 2003 YA_{149}	15.9	X	28.71610	60.17667	27.98318	12.90276	0.1329141	0.22734684	2.6587455	21	—	—
211743 2003 YL_{149}	15.7	X	296.48527	65.58802	6.23110	12.97565	0.2059907	0.21116759	2.7928731	21	9 29.8	18.8
211744 2003 YQ_{150}	15.8	X	293.78797	110.43003	27.28927	9.67710	0.0400188	0.21792485	2.7348376	21	—	—
211745 2003 YO_{153}	15.9	X	312.13907	46.26219	75.53172	16.79045	0.1910413	0.21889619	2.7267412	21	—	—
211746 2003 YM_{156}	16.2	X	107.84410	282.94501	135.10996	6.20923	0.1435659	0.23946721	2.5682582	21	2 19.0	19.4
211747 2003 YL_{162}	16.0	X	9.36735	58.93863	27.48385	13.04131	0.1539601	0.22487076	2.6782271	21	—	—
211748 2003 YW_{180}	16.0	X	359.91073	322.04489	108.45106	6.89939	0.0416795	0.21989854	2.7184488	21	—	—
211749 2003 YY_{180}	16.7	X	313.68490	122.51891	343.40596	3.32217	0.2027601	0.21811303	2.7332643	21	12 24.6	19.1
211750 2004 AC_{2}	16.3	X	344.10343	345.89029	102.90118	4.25866	0.0914014	0.21956656	2.7211882	21	—	—
211751 2004 AP_{3}	16.0	X	15.15810	65.17662	23.75532	4.40640	0.0661580	0.22490309	2.6779703	21	—	—
211752 2004 AK_{9}	16.3	X	298.73646	322.88494	183.50962	9.22039	0.2007095	0.21854602	2.7296530	21	—	—
211753 2004 AL_{9}	16.1	X	331.96694	270.64938	192.19221	8.78751	0.1030533	0.21868803	2.7284712	21	—	—
211754 2004 AR_{16}	16.4	X	159.26225	195.05998	116.68016	3.43429	0.0279717	0.22490960	2.6779187	21	—	—
211755 2004 BU_{2}	16.2	X	324.20956	133.95623	37.48001	2.97058	0.0572220	0.22727220	2.6593276	21	—	—
211756 2004 BT_{4}	16.2	X	175.01299	312.17030	72.13550	4.10263	0.2484381	0.24191615	2.5508963	21	3 28.7	20.5
211757 2004 BU_{11}	16.5	X	284.40373	188.76896	320.45190	2.59999	0.1343558	0.21710491	2.7417190	21	—	—
211758 2004 BF_{12}	15.7	X	79.19293	219.26203	121.52280	9.71678	0.0980122	0.21634337	2.7481493	21	—	—
211759 2004 BC_{16}	15.7	X	328.20373	28.47805	119.06818	13.71605	0.0879598	0.22217304	2.6998635	21	—	—
211760 2004 BB_{17}	16.5	X	219.51025	112.29475	69.83622	14.22260	0.1885188	0.21080802	2.7960480	21	11 15.9	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211761 2004 BR_{21}	17.0	X	257.16682	83.84207	62.82442	3.54314	0.1209962	0.26997298	2.3709507	21	12 3.9	19.5
211762 2004 BL_{27}	16.5	X	81.09141	35.36466	0.38591	1.81330	0.2722566	0.22996547	2.6385234	21	—	—
211763 2004 BP_{45}	15.9	X	331.77220	346.92438	100.03672	9.61227	0.1621245	0.22007317	2.7170105	21	—	—
211764 2004 BF_{47}	16.0	X	246.07488	257.38879	280.53129	3.38070	0.0405310	0.21742677	2.7390127	21	12 29.9	19.7
211765 2004 BR_{49}	16.5	X	103.50749	312.97040	124.87594	2.24096	0.0903683	0.23626297	2.5914268	21	3 3.6	19.8
211766 2004 BP_{52}	16.8	X	355.89815	317.38731	160.94064	1.07426	0.1402921	0.22489163	2.6780614	21	—	—
211767 2004 BT_{52}	16.1	X	10.23534	103.59914	295.18599	6.38808	0.0438699	0.21480712	2.7612364	21	12 21.3	19.8
211768 2004 BR_{53}	15.9	X	109.97233	1.02015	308.20131	8.06276	0.0523855	0.21654101	2.7464768	21	—	—
211769 2004 BF_{55}	15.9	X	134.34099	203.13036	138.51566	6.94392	0.0458785	0.22416209	2.6838687	21	—	—
211770 2004 BE_{77}	16.3	X	159.81364	273.66850	61.93777	2.65206	0.1004024	0.22889107	2.6467737	21	1 3.9	20.1
211771 2004 BO_{80}	15.8	X	122.55948	183.35298	143.63830	3.31368	0.0883379	0.22004768	2.7172203	21	—	—
211772 2004 BQ_{90}	15.7	X	184.65560	341.46068	142.91247	13.07199	0.0907245	0.19613981	2.9337666	21	8 5.6	20.1
211773 2004 BF_{96}	16.0	X	236.74063	38.32136	121.69148	6.10787	0.0502707	0.21163119	2.7887929	21	11 24.8	19.8
211774 2004 BA_{98}	15.8	X	10.76967	265.63176	164.00751	6.50986	0.0392269	0.21411261	2.7672043	21	—	—
211775 2004 BE_{113}	16.5	X	15.34380	240.39672	137.46652	4.74841	0.1091267	0.21454257	2.7635059	21	12 10.1	20.0
211776 2004 BD_{116}	16.4	X	243.90967	180.12392	9.59065	6.71281	0.2104986	0.21463067	2.7627496	21	12 16.5	20.3
211777 2004 BJ_{117}	15.5	X	240.69180	71.36417	108.30686	16.14861	0.1231419	0.21282770	2.7783307	21	12 14.3	19.4
211778 2004 BC_{121}	15.4	X	211.92595	152.83204	48.84050	13.25508	0.1283069	0.21053686	2.7984483	21	12 4.4	19.6
211779 2004 BO_{131}	16.7	X	303.03225	108.77094	136.64835	4.59702	0.1313095	0.23408994	2.6074394	21	2 8.2	20.1
211780 2004 BA_{132}	16.5	X	48.71051	277.94587	139.53155	5.81399	0.0598142	0.22431784	2.6826263	21	—	—
211781 2004 BT_{137}	16.6	X	243.17542	184.81726	96.83995	3.66188	0.0990912	0.23126187	2.6286536	21	1 23.2	20.6
211782 2004 BK_{141}	16.6	X	7.79942	331.07682	153.43431	4.21101	0.0270843	0.22707161	2.6608935	21	—	—
211783 2004 BP_{149}	16.6	X	59.08219	347.70140	24.35231	1.08484	0.0746146	0.21906300	2.7253568	21	—	—
211784 2004 CE_{19}	16.9	X	322.06942	285.00050	138.66940	3.49448	0.0720480	0.21172734	2.7879486	21	11 15.9	20.3
211785 2004 CZ_{22}	16.9	X	326.21517	40.86835	62.77785	2.45546	0.0280574	0.21711127	2.7416656	21	—	—
211786 2004 CW_{28}	16.4	X	149.68597	289.08696	338.84774	3.31140	0.0610260	0.21448194	2.7640267	21	12 26.2	20.4
211787 2004 CJ_{44}	16.6	X	102.53386	274.07750	65.30322	2.48211	0.0664668	0.21652586	2.7466050	21	—	—
211788 2004 CL_{45}	15.9	X	3.34318	306.97158	81.77868	5.91665	0.1097554	0.21150271	2.7899222	21	12 5.1	19.1
211789 2004 CR_{58}	16.4	X	321.66099	20.37260	84.57099	4.53561	0.1584486	0.21727906	2.7402539	21	—	—
211790 2004 CB_{60}	16.3	X	17.32230	10.15644	106.40697	4.04619	0.0803095	0.22776222	2.6555119	21	—	—
211791 2004 CL_{65}	16.3	X	321.74310	35.52920	78.31517	4.50402	0.1533168	0.21794553	2.7346646	21	—	—
211792 2004 CF_{68}	16.0	X	18.44155	60.16415	16.37198	1.96686	0.0541088	0.22062355	2.7124899	21	—	—
211793 2004 CN_{69}	15.8	X	77.77441	264.47962	104.92320	7.12006	0.0625864	0.21728597	2.7401958	21	—	—
211794 2004 CY_{69}	16.1	X	307.35369	75.61748	12.83694	11.15588	0.2372701	0.21228792	2.7830383	21	11 6.2	18.8
211795 2004 CG_{94}	16.3	X	226.85510	180.10429	27.56238	1.82229	0.1617465	0.21221841	2.7836460	21	12 25.5	20.3
211796 2004 CC_{100}	15.2	X	114.64567	16.61145	141.31365	14.20761	0.1004314	0.18748303	3.0233940	21	7 4.5	19.9
211797 2004 CR_{104}	15.5	X	276.34809	329.89020	180.29958	9.34261	0.0864416	0.21245852	2.7815483	21	12 27.7	19.2
211798 2004 CP_{113}	16.6	X	326.26387	286.01381	204.12170	4.77311	0.1120842	0.21995509	2.7179828	21	—	—
211799 2004 CL_{120}	15.6	X	1.92782	100.20696	143.29149	11.53298	0.0995887	0.18395898	3.0618839	21	5 19.0	19.6
211800 2004 CW_{120}	16.0	X	95.47116	202.97066	158.23523	6.59541	0.0440042	0.21798240	2.7343562	21	—	—
211801 2004 CW_{122}	16.2	X	99.42811	199.52116	148.86233	6.66164	0.0651527	0.21769772	2.7367395	21	—	—
211802 2004 DG_{1}	15.5	X	117.96290	214.10439	334.84652	17.08384	0.0898309	0.19202148	2.9755655	21	8 17.8	19.9
211803 2004 DX_{5}	16.2	X	54.44686	15.78203	348.46149	5.22871	0.1011189	0.21240460	2.7820190	21	—	—
211804 2004 DF_{8}	16.4	X	38.49846	338.27481	346.80135	1.50432	0.0683590	0.20299879	2.8673040	21	10 26.9	20.1
211805 2004 DK_{19}	15.8	X	323.17364	176.06370	138.45550	11.32189	0.0462654	0.18997494	2.9968972	21	6 24.1	20.0
211806 2004 DP_{22}	16.1	X	335.26346	268.14092	165.71237	9.23378	0.1928355	0.21418249	2.7666024	21	12 23.9	18.9
211807 2004 DD_{26}	15.8	X	203.58121	256.27796	352.58381	4.86777	0.0754379	0.21747839	2.7385792	21	—	—
211808 2004 DJ_{29}	16.1	X	156.24028	260.81693	0.76863	4.18753	0.0248185	0.21135354	2.7912348	21	12 26.0	20.0
211809 2004 DO_{34}	16.2	X	117.55285	90.62147	15.09861	1.46310	0.0937868	0.18239921	3.0793147	21	5 1.8	20.7
211810 2004 DN_{39}	16.3	X	148.37335	281.36736	16.49424	1.84210	0.0472355	0.21630494	2.7484748	21	—	—
211811 2004 DV_{42}	16.1	X	229.88735	70.05893	187.17863	9.92178	0.0225111	0.22242906	2.6977914	21	—	—
211812 2004 DP_{51}	15.4	X	320.90520	29.20190	358.08573	6.16507	0.0842557	0.19938178	2.9018775	21	9 22.9	19.1
211813 2004 DU_{57}	16.1	X	225.61330	152.69660	119.93072	3.15202	0.0395010	0.22470212	2.6795669	21	—	—
211814 2004 DQ_{60}	16.0	X	231.01442	261.14932	332.18478	3.51000	0.1484160	0.21670947	2.7450534	21	—	—
211815 2004 DC_{72}	16.3	X	330.45878	279.58616	165.04894	12.97557	0.0815607	0.21283302	2.7782845	21	12 25.3	19.9
211816 2004 EM_{5}	15.6	X	12.70503	133.66731	148.64016	7.98756	0.0495298	0.18885224	3.0087629	21	7 22.2	19.6
211817 2004 EN_{6}	15.5	X	328.10276	312.42387	336.32755	4.33001	0.0879228	0.18237620	3.0795737	21	5 22.0	19.5
211818 2004 EA_{7}	15.8	X	152.68802	44.42906	140.25604	2.74802	0.0404419	0.19580475	2.9371124	21	9 16.3	20.0
211819 2004 EX_{17}	15.0	X	35.22423	72.01169	144.30823	16.61392	0.1206581	0.17968104	3.1102923	21	6 7.9	19.1
211820 2004 EB_{18}	15.2	X	166.61006	155.34189	135.37642	17.87332	0.2304526	0.20971513	2.8057537	21	—	—
211821 2004 EP_{18}	15.3	X	121.23691	100.30310	109.50744	11.23491	0.0490485	0.19185272	2.9773101	21	9 15.3	19.8
211822 2004 EV_{20}	16.7	X	34.79040	6.60732	39.22222	21.46912	0.0750091	0.38206024	1.8809683	21	—	—
211823 2004 EM_{22}	15.7	X	283.91548	279.82404	167.77211	9.68381	0.1165639	0.20510964	2.8475979	21	10 15.9	19.3
211824 2004 EB_{23}	16.2	X	99.84614	107.21595	169.30703	15.71903	0.3287604	0.19694841	2.9257310	21	12 2.7	21.7
211825 2004 ET_{26}	16.6	X	152.39365	279.88520	330.18753	1.20353	0.1760796	0.20500011	2.8486121	21	12 4.8	21.3
211826 2004 EE_{44}	15.4	X	42.17500	79.64571	185.62786	13.09292	0.0474227	0.18993363	2.9973316	21	8 8.6	19.6
211827 2004 EX_{47}	15.9	X	72.29310	170.55147	355.77993	3.60739	0.0829586	0.18051478	3.1007080	21	5 19.4	20.1
211828 2004 EY_{55}	15.5	X	118.71782	324.72817	217.72392	8.59029	0.1245800	0.18893419	3.0078928	21	8 8.4	20.2
211829 2004 EB_{60}	15.5	X	54.55077	19.13698	209.06761	16.72000	0.2039518	0.18259807	3.0770786	21	7 28.9	19.8
211830 2004 EC_{68}	15.8	X	261.36297	261.54977	168.11090	10.44026	0.1066587	0.19924311	2.9032237	21	8 20.2	19.9
211831 2004 ES_{76}	15.6	X	330.82360	123.06533	167.81309	8.41608	0.1711236	0.18194575	3.0844290	21	5 22.3	19.4
211832 2004 EN_{80}	14.8	X	136.07510	134.38363	134.29155	17.77919	0.0616289	0.20598812	2.8394961	21	12 13.6	19.3
211833 2004 EE_{82}	15.8	X	58.44213	136.73926	36.67257	12.84111	0.0775370	0.17923506	3.1154497	21	5 8.1	19.8
211834 2004 EN_{86}	15.8	X	312.75841	316.95391	123.22278	3.04277	0.0522847	0.20522845	2.8464988	21	11 22.8	19.3
211835 2004 ET_{86}	15.6	X	67.25067	164.25261	112.10615	5.91828	0.0804515	0.19641610	2.9310147	21	10 7.1	19.7
211836 2004 FG_{2}	16.3	X	216.71591	2.44945	173.98490	3.96285	0.1770089	0.20547050	2.8442628	21	11 5.9	20.7
211837 2004 FS_{17}	16.8	X	138.91492	116.92080	212.77607	26.58375	0.0529895	0.38448271	1.8730592	21	—	—
211838 2004 FV_{17}	17.3	X	316.31093	89.23608	10.03332	20.47356	0.0441491	0.37875294	1.8919023	21	—	—
211839 2004 FA_{21}	15.2	X	50.50969	291.06599	328.33892	6.05776	0.0588331	0.18982006	2.9985271	21	8 17.3	19.1
211840 2004 FJ_{28}	15.8	X	63.20441	247.06314	10.83203	10.14898	0.0952216	0.19069322	2.9893668	21	9 9.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211841 2004 FO_{52}	15.3	X	132.70163	12.16576	172.46963	13.39073	0.0213335	0.19166606	2.9792428	21	8 19.1	19.6
211842 2004 FY_{61}	15.8	X	194.02784	146.61708	46.51876	4.85454	0.0294434	0.20345558	2.8630107	21	11 14.2	19.7
211843 2004 FT_{75}	16.2	X	344.18402	97.68312	297.77418	0.95507	0.0710170	0.20311262	2.8662327	21	11 9.3	19.8
211844 2004 FB_{77}	16.3	X	198.51257	86.20103	180.32090	8.83958	0.1020695	0.21473336	2.7618687	21	—	—
211845 2004 FH_{82}	15.9	X	169.85089	214.68419	55.77256	8.78793	0.1952078	0.21018964	2.8015294	21	—	—
211846 2004 FQ_{92}	15.3	X	12.48577	66.29377	190.95061	7.73517	0.0728854	0.18269973	3.0759370	21	6 19.9	19.3
211847 2004 FK_{104}	16.1	X	230.53744	16.67247	171.79414	3.79627	0.0358738	0.20942212	2.8083701	21	12 22.6	19.9
211848 2004 FW_{107}	15.4	X	333.83280	288.41143	23.85039	9.14342	0.0656994	0.18511807	3.0490895	21	7 5.5	19.5
211849 2004 FS_{121}	16.1	X	283.48156	316.08213	178.42634	8.64028	0.0901671	0.20885186	2.8134799	21	12 17.3	19.8
211850 2004 FQ_{133}	16.1	X	67.78102	155.89760	96.14453	6.49251	0.1943364	0.18829797	3.0146643	21	9 22.9	20.4
211851 2004 FT_{139}	15.1	X	121.37377	297.05155	210.84589	13.42643	0.1097715	0.18577960	3.0418470	21	6 28.8	19.9
211852 2004 FS_{141}	16.2	X	80.88423	287.10203	310.23206	2.04070	0.2265108	0.18801693	3.0176677	21	9 19.4	20.7
211853 2004 FV_{143}	15.0	X	340.88718	94.45297	190.52071	11.65454	0.1655003	0.17770771	3.1332752	21	6 1.6	18.8
211854 2004 FX_{143}	15.0	X	18.13398	43.31173	200.47684	16.14105	0.1563663	0.17749270	3.1358050	21	6 14.8	18.9
211855 2004 FZ_{143}	15.1	X	181.48796	75.62866	45.69897	10.87630	0.0893599	0.18776390	3.0203782	21	8 2.3	19.9
211856 2004 FF_{145}	15.0	X	17.79419	74.54999	166.70560	26.71172	0.1815068	0.17814257	3.1281741	21	6 15.1	19.1
211857 2004 FH_{147}	17.2	X	72.81980	98.10551	194.81459	21.43106	0.0469099	0.36477726	1.9399217	21	11 25.9	19.7
211858 2004 GN_{14}	15.5	X	89.49777	9.61157	188.74290	9.50773	0.0880122	0.18374561	3.0642538	21	7 22.3	20.0
211859 2004 GP_{19}	16.8	X	52.26872	334.86833	58.48945	24.16643	0.0942636	0.38020084	1.8870960	21	—	—
211860 2004 GH_{20}	17.1	X	291.51164	267.26694	247.46334	19.64974	0.0399120	0.38224421	1.8803648	21	—	—
211861 2004 GK_{25}	16.1	X	175.98113	240.58272	208.63516	1.70839	0.1986614	0.18424485	3.0587160	21	6 15.2	21.1
211862 2004 GN_{27}	15.2	X	42.23365	129.62141	115.02599	11.27284	0.0465933	0.18336797	3.0684595	21	7 15.1	19.1
211863 2004 GS_{31}	15.3	X	30.59303	198.16961	22.60719	10.92055	0.0381935	0.17845780	3.1244892	21	5 25.2	19.7
211864 2004 GF_{35}	16.4	X	15.87962	146.51163	124.74613	0.42408	0.2335912	0.18243863	3.0788712	21	7 26.4	19.2
211865 2004 GF_{37}	15.6	X	342.02447	265.12143	331.76748	4.54340	0.1227060	0.17233001	3.1981251	21	4 2.2	19.7
211866 2004 GO_{41}	15.2	X	63.55454	162.12735	2.42137	16.32949	0.1508493	0.17624844	3.1505462	21	5 9.5	19.5
211867 2004 GC_{42}	15.8	X	287.14088	11.60762	32.02202	9.08157	0.0407230	0.19088754	2.9873378	21	9 4.3	19.9
211868 2004 GB_{67}	16.0	X	302.78599	307.81717	15.34881	12.99938	0.0490503	0.18124698	3.0923516	21	6 3.7	20.5
211869 2004 GR_{69}	15.3	X	230.80020	210.47673	183.09475	10.26685	0.0655937	0.18021307	3.1041678	21	6 5.6	20.0
211870 2004 GZ_{79}	15.8	X	71.41481	200.65194	14.90500	4.47085	0.1487813	0.18323712	3.0699202	21	8 2.9	20.1
211871 2004 HO	18.7	X	263.46140	163.79010	146.11593	7.87560	0.5112498	0.39282443	1.8464479	21	2 8.4	22.4
211872 2004 HY_{16}	15.8	X	135.42510	176.58601	27.11276	10.64229	0.0376406	0.19273241	2.9682436	21	9 22.3	20.2
211873 2004 HQ_{24}	15.8	X	324.94294	121.04053	177.63136	7.19939	0.1441669	0.18174593	3.0866893	21	5 25.9	19.7
211874 2004 HT_{31}	15.5	X	23.51630	231.21452	53.55866	7.05552	0.1142310	0.18592178	3.0402960	21	8 20.5	19.3
211875 2004 HY_{36}	14.9	X	12.23610	217.25055	78.61353	24.17567	0.2687546	0.18133365	3.0913662	21	9 11.1	18.5
211876 2004 HM_{37}	15.7	X	42.12881	89.06177	76.16441	15.62626	0.0582397	0.22933433	2.6433621	21	4 6.1	19.3
211877 2004 HN_{38}	15.1	X	309.87519	110.86531	176.44168	16.08534	0.0234689	0.17410467	3.1763554	21	5 7.8	19.7
211878 2004 HO_{55}	15.1	X	35.05026	145.53566	89.15933	12.45793	0.0264078	0.18248190	3.0783844	21	6 20.1	19.2
211879 2004 HZ_{55}	15.0	X	318.76111	154.40722	128.10966	15.24254	0.1583433	0.17434038	3.1734918	21	4 28.9	19.4
211880 2004 HO_{56}	17.7	X	149.44657	118.75234	176.75984	21.07813	0.0587617	0.37739307	1.8964444	21	—	—
211881 2004 HC_{59}	16.0	X	281.30157	286.88032	51.94109	11.45278	0.0414790	0.17685937	3.1432867	21	5 29.5	20.4
211882 2004 HW_{67}	15.9	X	75.76445	211.23837	16.65405	10.09856	0.0493151	0.18731496	3.0252021	21	8 12.6	20.2
211883 2004 HE_{78}	16.6	X	14.22340	245.46184	130.46417	23.07969	0.0923621	0.36961760	1.9229484	21	—	—
211884 2004 JF_{5}	16.3	X	216.08240	262.15742	49.67737	5.60646	0.1108449	0.21761669	2.7374188	21	2 5.3	20.6
211885 2004 JA_{7}	15.0	X	349.08837	170.41684	117.04166	25.95089	0.1823626	0.17715327	3.1398093	21	6 22.1	18.7
211886 2004 JD_{7}	15.5	X	25.26703	81.31178	189.43605	25.88699	0.2076422	0.17929669	3.1147357	21	8 6.6	19.5
211887 2004 JQ_{13}	15.6	X	34.04901	62.00015	194.35305	4.53770	0.0916944	0.18218780	3.0816964	21	7 22.6	19.6
211888 2004 JE_{15}	15.3	X	24.09592	247.58581	50.56773	6.17680	0.2181157	0.18557854	3.0440437	21	9 21.7	18.7
211889 2004 JS_{16}	15.5	X	102.20666	101.02127	63.38491	6.47748	0.1054638	0.18006097	3.1059157	21	6 28.8	20.0
211890 2004 JP_{18}	15.8	X	85.73472	86.30714	202.58612	10.69915	0.2282411	0.19226891	2.9730121	21	11 26.7	20.6
211891 2004 JW_{19}	15.0	X	315.75890	227.53285	70.12291	14.68441	0.1975442	0.17243567	3.1968185	21	5 5.4	19.2
211892 2004 JE_{25}	15.8	X	300.19324	130.88260	203.85957	11.33264	0.2132248	0.23261609	2.6184415	21	5 22.3	19.2
211893 2004 JW_{27}	15.0	X	358.51443	232.29407	46.86254	13.67768	0.1153986	0.17818393	3.1276900	21	6 26.6	18.9
211894 2004 JL_{29}	15.6	X	36.05594	59.22463	209.64032	7.14097	0.2397413	0.18241858	3.0790967	21	8 31.1	19.3
211895 2004 JX_{32}	15.3	X	11.41441	157.08701	81.92831	11.53836	0.1544849	0.17503952	3.1650359	21	5 27.8	18.8
211896 2004 JY_{34}	15.7	X	69.07679	130.02242	79.90815	10.66792	0.1782454	0.18003755	3.1061850	21	7 28.1	20.0
211897 2004 JP_{39}	15.6	X	180.29502	296.01872	132.46870	10.31999	0.0993951	0.17617768	3.1513898	21	5 26.4	20.6
211898 2004 JV_{40}	15.6	X	212.76234	268.10522	109.55306	10.97883	0.0403120	0.17226022	3.1989888	21	5 1.9	20.4
211899 2004 JV_{41}	14.8	X	355.74294	19.36312	239.41075	15.94597	0.1128016	0.17440386	3.1727217	21	5 25.9	18.7
211900 2004 JP_{53}	15.8	X	352.95020	308.65163	37.29122	8.83917	0.1237970	0.18818306	3.0158914	21	9 21.9	19.4
211901 2004 JE_{55}	16.2	X	32.33593	262.40860	356.67499	2.12606	0.1637503	0.18351200	3.0668537	21	8 3.2	19.8
211902 2004 KO_{14}	15.5	X	49.49685	33.38731	154.16090	13.33642	0.1893282	0.17447190	3.1718968	21	6 1.6	19.6
211903 2004 LT_{6}	14.8	X	359.27934	11.19831	258.47684	9.57451	0.1695468	0.17664143	3.1458717	21	6 14.6	18.3
211904 2004 LJ_{14}	15.0	X	64.85847	43.97866	133.80911	17.14636	0.0513825	0.17242638	3.1969333	21	5 26.1	19.7
211905 2004 LK_{20}	15.4	X	334.74318	138.74101	159.93282	10.39832	0.2201248	0.17508280	3.1645143	21	6 3.3	19.1
211906 2004 LR_{28}	16.2	X	359.22070	77.52278	183.61087	7.31527	0.1931340	0.17059194	3.2198110	21	6 3.2	19.7
211907 2004 NL_{4}	16.9	X	189.57450	69.63541	125.70386	24.54218	0.0633748	0.36388590	1.9430884	21	12 13.1	19.5
211908 2004 NK_{33}	15.0	X	317.27827	270.28015	43.13240	11.00931	0.0958198	0.17017765	3.2250345	21	6 6.8	19.3
211909 2004 PN_{9}	15.3	X	64.17110	117.06099	146.63879	16.80990	0.2006299	0.18088766	3.0964454	21	10 4.1	19.9
211910 2004 PG_{105}	17.2	X	151.19876	263.04743	308.67745	17.24488	0.0485068	0.35702697	1.9678955	21	10 31.9	20.1
211911 2004 QX_{6}	15.5	X	111.54251	239.11499	112.82771	11.61547	0.1351248	0.19571221	2.9380382	21	—	—
211912 2004 QP_{17}	15.7	X	269.48900	162.73044	288.60015	23.46094	0.2598580	0.28628810	2.2799948	21	8 29.8	19.1
211913 2004 RZ_{207}	17.2	X	35.19829	135.51221	196.98512	21.20715	0.0565959	0.35516385	1.9747716	21	11 29.7	19.6
211914 2004 RM_{251}	17.7	X	331.03861	111.27320	349.33035	19.47689	0.6013256	0.23446932	2.6046260	21	—	—
211915 2004 SJ_{9}	16.2	X	165.74521	65.64997	20.96211	21.53415	0.2717452	0.26398395	2.4066764	21	5 28.7	20.8
211916 2004 SN_{61}	17.0	X	343.27885	25.83444	3.82906	7.94776	0.1399918	0.29101070	2.2552606	21	11 22.2	19.0
211917 2004 TG_{8}	17.5	X	291.14990	356.91858	53.74437	1.45431	0.2071066	0.28475710	2.2881598	21	8 29.9	19.6
211918 2004 TY_{20}	17.3	X	9.09678	135.89822	244.31948	1.95928	0.1417305	0.29538430	2.2329437	21	12 28.6	19.6
211919 2004 TW_{36}	17.8	X	208.60483	326.31818	196.73835	3.09808	0.0939452	0.29174828	2.2514580	21	10 30.8	20.7
211920 2004 TL_{73}	17.2	X	351.16225	318.59988	23.49309	2.94677	0.1323695	0.28733292	2.2744643	21	9 25.1	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
211921 2004 TQ_{86}	18.2	X	274.02385	186.73463	22.68035	1.49538	0.0343762	0.31237346	2.1512289	21	—	—
211922 2004 TE_{103}	17.4	X	335.54606	184.88880	199.52095	2.73479	0.1865479	0.28992887	2.2608673	21	11 2.9	18.6
211923 2004 TE_{173}	15.9	X	24.29082	100.58234	341.26925	8.21734	0.1053798	0.24568280	2.5247568	21	—	—
211924 2004 TW_{275}	16.9	X	322.04269	245.46527	223.35493	4.72242	0.0833377	0.29850556	2.2173509	21	—	—
211925 2004 TD_{323}	17.5	X	23.08251	85.45242	220.55956	2.25293	0.0338759	0.28269153	2.2992923	21	9 14.1	19.9
211926 2004 UF_{11}	17.3	X	22.27746	36.83217	0.91070	6.20478	0.1576335	0.29774508	2.2211249	21	—	—
211927 2004 VE_{6}	17.3	X	223.85830	18.96927	66.38606	4.86370	0.2290659	0.27710316	2.3301027	21	7 20.9	21.0
211928 2004 VX_{11}	17.0	X	19.65374	36.74116	343.18511	6.41539	0.1820865	0.29557275	2.2319945	21	—	—
211929 2004 VB_{13}	17.0	X	79.94315	201.30948	134.53955	4.03616	0.1631533	0.29886592	2.2155682	21	—	—
211930 2004 VM_{20}	17.6	X	98.16988	207.58253	183.54567	2.69967	0.1481663	0.31000802	2.1621580	21	—	—
211931 2004 VP_{25}	17.0	X	280.63076	76.53900	33.63039	6.38295	0.1588795	0.28939494	2.2636473	21	11 18.3	19.0
211932 2004 VR_{80}	16.8	X	302.63734	32.68772	351.55546	6.10725	0.1911219	0.28294609	2.2979130	21	8 13.6	19.0
211933 2004 XN_{4}	16.7	X	153.99652	51.35277	274.44518	4.75298	0.1661405	0.30813297	2.1709206	21	—	—
211934 2004 XT_{6}	16.8	X	264.62008	130.77668	291.99316	4.89403	0.2432400	0.28028175	2.3124526	21	7 30.2	19.8
211935 2004 XB_{8}	17.1	X	346.73341	224.09516	200.54479	5.73518	0.1159034	0.29480301	2.2358780	21	—	—
211936 2004 XY_{18}	17.2	X	346.32050	155.41811	239.27670	4.83393	0.1717720	0.29033752	2.2587453	21	12 12.8	18.8
211937 2004 XP_{20}	16.7	X	330.95012	17.75017	74.13369	5.74762	0.1084911	0.29409547	2.2394627	21	—	—
211938 2004 XR_{25}	16.3	X	194.84896	241.43631	292.69758	6.92941	0.1248561	0.28102208	2.3083895	21	10 21.2	19.8
211939 2004 XV_{36}	17.0	X	234.56544	3.43867	279.17655	2.15057	0.1735605	0.31186130	2.1535836	21	—	—
211940 2004 XU_{50}	17.1	X	148.86972	125.70250	21.35578	3.15431	0.1918115	0.26757995	2.3850656	21	8 4.4	20.8
211941 2004 XQ_{60}	17.7	X	195.08255	287.91946	200.45923	0.85947	0.1263266	0.27415689	2.3467668	21	8 24.1	20.9
211942 2004 XM_{64}	17.1	X	267.57995	72.00836	3.03168	2.99112	0.1363394	0.28048595	2.3113301	21	9 8.6	19.7
211943 2004 XP_{78}	17.0	X	79.76631	318.86870	68.56744	4.02325	0.1094550	0.30332959	2.1937789	21	—	—
211944 2004 XD_{79}	17.5	X	165.67736	246.81198	203.61192	1.77887	0.1801486	0.26638871	2.3921707	21	6 5.6	21.1
211945 2004 XT_{82}	17.7	X	134.46805	60.84464	293.81901	0.74945	0.1407200	0.30758295	2.1735079	21	—	—
211946 2004 XF_{92}	17.1	X	322.36672	30.68431	33.01948	5.68590	0.1324704	0.28984473	2.2613048	21	12 3.7	18.9
211947 2004 XL_{101}	17.2	X	214.77435	64.83894	76.23837	3.11158	0.1469287	0.27894270	2.3198472	21	10 2.1	20.5
211948 2004 XL_{110}	16.6	X	190.45676	299.03068	261.40083	6.61618	0.0526473	0.28759108	2.2731030	21	12 1.3	19.6
211949 2004 XE_{119}	17.6	X	268.95977	116.16660	349.25756	0.45297	0.1170296	0.28343256	2.2952829	21	10 28.1	20.0
211950 2004 XM_{121}	16.9	X	214.20663	83.45202	93.38604	1.12578	0.1020199	0.28479147	2.2879757	21	11 22.9	19.6
211951 2004 XC_{127}	16.8	X	273.51556	9.95821	80.11856	6.17151	0.1440937	0.28502042	2.2867502	21	10 12.4	19.3
211952 2004 XA_{145}	15.8	X	16.22284	354.81302	91.41021	15.51555	0.0633670	0.24303092	2.5430898	21	—	—
211953 2004 XL_{149}	17.1	X	189.07614	94.58753	6.20625	1.39099	0.1418519	0.26926023	2.3751328	21	7 11.6	20.7
211954 2004 XB_{161}	17.6	X	128.20967	106.35385	32.35442	3.67549	0.1127977	0.26453457	2.4033356	21	6 25.8	20.9
211955 2004 XG_{162}	16.6	X	183.95872	38.74376	84.57372	8.00808	0.1709006	0.27059515	2.3673150	21	8 6.6	20.4
211956 2004 XZ_{165}	17.5	X	178.82085	136.52478	205.02770	3.48176	0.0418964	0.31078094	2.1585716	21	1 9.1	20.0
211957 2004 YA_{4}	17.0	X	145.74622	218.34996	320.67654	1.36561	0.1523638	0.27200339	2.3591371	21	9 9.5	20.6
211958 2004 YT_{7}	17.0	X	269.53600	105.53943	80.98020	9.58827	0.0950160	0.30047348	2.2076588	21	—	—
211959 2004 YT_{17}	16.8	X	134.07663	260.46127	281.42465	5.44218	0.0972386	0.27090788	2.3654928	21	8 27.1	20.2
211960 2004 YC_{27}	17.3	X	234.16352	108.38190	315.50390	1.42733	0.1536557	0.26885739	2.3775048	21	7 8.4	20.6
211961 2004 YG_{36}	16.6	X	102.19376	278.45117	241.45135	6.43369	0.1666985	0.26038056	2.4288294	21	6 29.9	19.9
211962 2005 AD_{7}	16.9	X	158.65547	195.72803	11.52036	3.63755	0.1521262	0.27720519	2.3295309	21	10 28.1	20.5
211963 2005 AB_{8}	16.6	X	148.58139	25.00950	103.16381	10.95390	0.2033240	0.26416249	2.4055919	21	7 9.9	20.4
211964 2005 AJ_{8}	16.9	X	97.54978	70.42032	89.16289	3.45480	0.1241506	0.25982800	2.4322717	21	6 17.9	19.9
211965 2005 AN_{12}	17.6	X	229.43985	115.52815	25.59394	3.70449	0.1496771	0.28089843	2.3090669	21	10 17.4	20.6
211966 2005 AS_{12}	17.0	X	202.17632	182.76128	313.33285	1.91920	0.1098815	0.27590979	2.3368167	21	9 12.2	20.4
211967 2005 AQ_{15}	16.8	X	287.37368	337.02061	106.47907	6.97035	0.0767977	0.28339911	2.2954635	21	11 4.5	19.3
211968 2005 AZ_{15}	17.1	X	192.36295	346.58112	138.05213	3.53521	0.2031957	0.27163188	2.3612876	21	8 13.1	21.0
211969 2005 AK_{17}	16.9	X	205.27309	139.89499	9.43192	0.88786	0.1395409	0.27763492	2.3271265	21	10 1.5	20.3
211970 2005 AQ_{17}	17.3	X	318.09247	289.32020	121.17735	3.65777	0.2012765	0.28423845	2.2909424	21	11 2.5	18.7
211971 2005 AT_{17}	17.0	X	245.69930	25.30021	102.11383	3.98960	0.0968144	0.28147451	2.3059152	21	10 29.7	19.8
211972 2005 AZ_{17}	16.8	X	175.03164	311.15009	131.93597	2.76297	0.1640399	0.26390992	2.4071265	21	6 4.6	20.7
211973 2005 AB_{18}	16.8	X	183.71013	41.74560	115.39468	3.06456	0.1468976	0.27350114	2.3505164	21	9 20.0	20.4
211974 2005 AA_{22}	16.6	X	141.19749	282.44661	201.17934	2.64406	0.1513464	0.26219676	2.4176003	21	6 23.3	20.3
211975 2005 AO_{23}	16.4	X	164.91581	11.47936	115.81649	6.97467	0.0642026	0.26576257	2.3959266	21	7 20.4	19.6
211976 2005 AL_{26}	17.4	X	201.48268	349.11265	105.45434	3.34701	0.1905008	0.26863070	2.3788421	21	7 13.7	21.3
211977 2005 AX_{26}	17.4	X	193.94032	281.76023	232.22769	3.23258	0.1128805	0.27481737	2.3430052	21	9 25.9	20.7
211978 2005 AU_{29}	17.0	X	50.80085	228.15171	99.68330	3.45631	0.0625528	0.28392821	2.2926109	21	11 30.6	19.8
211979 2005 AM_{31}	16.6	X	142.94140	266.76627	275.52604	3.84358	0.0891390	0.27308021	2.3529312	21	9 6.9	19.9
211980 2005 AE_{33}	16.5	X	285.27666	315.29064	106.45857	7.69244	0.0913743	0.27835729	2.3230986	21	9 28.4	19.1
211981 2005 AA_{38}	16.8	X	259.52074	60.03769	353.02974	6.29501	0.1177247	0.27261925	2.3555828	21	7 31.2	19.8
211982 2005 AE_{38}	17.3	X	166.04277	319.37094	188.29345	3.42314	0.1262119	0.27060717	2.3672449	21	8 18.4	20.8
211983 2005 AE_{43}	16.9	X	218.42634	333.86307	121.34523	4.83630	0.1751953	0.27211258	2.3585059	21	8 1.1	20.5
211984 2005 AZ_{43}	16.9	X	77.93182	159.19708	36.99572	2.12281	0.1122016	0.26232404	2.4168183	21	7 11.3	19.8
211985 2005 AT_{44}	16.9	X	122.63562	151.55225	102.78316	6.93764	0.0849905	0.27970305	2.3156411	21	11 22.7	20.1
211986 2005 AV_{44}	16.8	X	187.00197	59.24145	30.44949	2.72005	0.1433425	0.26588394	2.3951974	21	6 24.5	20.6
211987 2005 AG_{45}	16.8	X	185.15101	65.25574	97.42665	4.86786	0.1098721	0.27488955	2.3425951	21	10 2.2	20.2
211988 2005 AF_{58}	17.3	X	187.03990	50.88671	80.13836	2.43030	0.1215056	0.27212490	2.3584347	21	8 20.5	20.8
211989 2005 AO_{58}	17.8	X	163.67742	32.26092	93.38482	1.87689	0.2028814	0.26729830	2.3867407	21	7 20.3	21.7
211990 2005 AX_{58}	16.7	X	224.42038	354.68211	122.25661	4.85645	0.0908935	0.27592898	2.3367083	21	9 17.4	19.7
211991 2005 AQ_{60}	17.0	X	305.57865	317.70930	110.32967	3.77628	0.1205556	0.28266814	2.2994191	21	11 7.5	19.0
211992 2005 AV_{61}	13.3	X	234.20434	280.14895	112.16221	8.16682	0.0612087	0.08247454	5.2270435	21	6 10.8	20.4
211993 2005 AR_{69}	17.1	X	250.22183	85.73726	350.65122	2.08739	0.1113037	0.27454383	2.3445613	21	8 20.4	20.1
211994 2005 AK_{70}	17.7	X	203.34594	51.45884	32.13846	1.93409	0.1637569	0.26837222	2.3803693	21	7 2.2	21.4
211995 2005 AT_{73}	17.1	X	133.13528	231.07377	333.07142	1.83007	0.1504291	0.27200108	2.3591504	21	9 29.4	20.7
211996 2005 AL_{76}	17.1	X	257.43738	341.59270	24.84314	3.23145	0.1049089	0.26379627	2.4078178	21	5 22.9	20.4
211997 2005 AV_{76}	17.0	X	348.31533	151.22608	4.96620	3.96130	0.1854644	0.24057095	2.5603967	21	—	—
211998 2005 BC_{3}	16.7	X	138.93808	149.89859	122.14431	7.24958	0.0978406	0.28928506	2.2642205	21	—	—
211999 2005 BH_{6}	17.2	X	191.67179	57.33981	81.79195	3.22981	0.1444150	0.27368631	2.3494561	21	9 4.8	20.6
212000 2005 BU_{8}	17.1	X	125.41860	200.82536	6.41219	3.23871	0.1513451	0.27160005	2.3614721	21	9 26.4	20.6