Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248001 2004 DS_{71}	15.7	X	267.05228	260.30367	241.36032	7.87806	0.1610299	0.21040236	2.7996408	21	11 22.9	19.0
248002 2004 EC_{16}	16.2	X	242.51615	5.52474	175.84629	4.03881	0.1273320	0.21095541	2.7947455	21	12 16.1	20.0
248003 2004 EE_{25}	15.6	X	78.97135	145.24833	357.47737	17.42007	0.0927785	0.17898714	3.1183259	21	4 23.6	20.1
248004 2004 EG_{34}	14.6	X	92.42344	320.63957	188.11702	7.70001	0.1702287	0.12552246	3.9505275	21	6 8.4	20.3
248005 2004 EK_{36}	15.6	X	268.12322	223.57634	333.05964	8.33859	0.0862487	0.21579585	2.7527958	21	—	—
248006 2004 EJ_{41}	16.7	X	330.83450	268.72333	322.03678	2.43503	0.1409985	0.22996243	2.6385468	21	2 25.1	19.7
248007 2004 EA_{45}	16.4	X	202.63789	122.60817	171.43049	5.65299	0.0502233	0.22143163	2.7058867	21	—	—
248008 2004 EF_{46}	15.1	X	1.06977	222.23213	9.07620	15.73874	0.1699465	0.17783648	3.1317625	21	4 20.7	18.7
248009 2004 EQ_{54}	15.4	X	82.61654	217.31502	269.27746	14.80544	0.2377721	0.18015673	3.1048149	21	5 3.6	19.9
248010 2004 EZ_{56}	15.5	X	347.48105	249.12090	6.67205	8.58218	0.0815707	0.18053512	3.1004751	21	5 7.2	19.5
248011 2004 EP_{69}	15.9	X	223.06789	350.23381	5.54506	4.25153	0.1717346	0.23484810	2.6018246	21	3 31.2	20.1
248012 2004 EH_{94}	15.7	X	262.00783	11.82012	153.77678	10.55850	0.0642989	0.21138415	2.7909653	21	12 30.4	19.6
248013 2004 EX_{108}	15.8	X	229.73071	192.93611	181.31097	15.43683	0.0491090	0.18210482	3.0826325	21	5 13.9	20.5
248014 2004 FC_{13}	15.0	X	34.19740	11.20349	192.08099	27.65067	0.0960352	0.17902348	3.1179039	21	5 15.9	19.3
248015 2004 FL_{13}	15.9	X	161.68695	60.39839	219.20905	5.57676	0.0151243	0.21240816	2.7819880	21	—	—
248016 2004 FM_{21}	16.7	X	42.14570	11.96733	192.74515	8.68400	0.1053454	0.23825304	2.5769762	21	5 27.2	19.7
248017 2004 FZ_{25}	15.4	X	81.77898	116.70571	6.09881	16.00185	0.1979216	0.17625211	3.1505025	21	4 20.3	19.8
248018 2004 FU_{28}	17.3	X	349.91643	195.24501	191.11010	21.97865	0.0851893	0.37187932	1.9151437	21	12 17.7	19.6
248019 2004 FP_{36}	15.4	X	75.66502	97.39871	23.30853	17.08625	0.1404059	0.17372012	3.1810413	21	4 7.1	19.5
248020 2004 FX_{40}	15.6	X	99.90750	115.02953	174.71719	12.88884	0.0840675	0.20197700	2.8769662	21	11 30.4	20.1
248021 2004 FP_{51}	15.9	X	32.12663	56.03401	150.18688	14.60784	0.1612762	0.18027360	3.1034730	21	5 24.4	19.8
248022 2004 FQ_{65}	15.8	X	27.42601	83.26359	186.26080	10.29230	0.2561485	0.18329776	3.0692430	21	8 18.7	19.2
248023 2004 FR_{66}	16.2	X	320.90241	123.97848	125.76677	4.78163	0.0608872	0.23176779	2.6248269	21	3 22.2	19.5
248024 2004 FG_{74}	16.3	X	117.68587	166.92949	200.76135	2.58746	0.0860492	0.21964170	2.7205675	21	—	—
248025 2004 FG_{75}	16.9	X	147.18438	204.22612	155.81428	3.71556	0.1235201	0.22365753	2.6879037	21	1 22.9	20.8
248026 2004 FA_{77}	16.2	X	87.18624	141.87663	357.54685	3.85847	0.1209297	0.18006057	3.1059202	21	5 10.2	20.5
248027 2004 FU_{92}	15.3	X	15.37370	182.76335	6.81248	17.25856	0.0731350	0.17367721	3.1815651	21	3 28.1	19.2
248028 2004 FJ_{130}	15.2	X	288.31136	153.30636	124.80542	11.12947	0.0469255	0.17246914	3.1964049	21	3 28.5	19.9
248029 2004 FD_{135}	15.9	X	24.77584	358.91744	115.60424	17.30588	0.2292063	0.22518685	2.6757202	21	—	—
248030 2004 FU_{165}	16.4	X	243.35638	6.08028	350.71746	4.81805	0.1540556	0.23890280	2.5723016	21	4 19.9	20.4
248031 2004 GH_{2}	15.7	X	71.23360	111.26648	14.09938	25.41861	0.3150479	0.17547294	3.1598220	21	4 24.1	20.0
248032 2004 GV_{5}	15.2	X	54.32737	280.47695	248.02165	11.16208	0.1301218	0.17697857	3.1418752	21	5 2.4	19.2
248033 2004 GA_{9}	15.6	X	88.31059	94.84192	22.02951	25.87508	0.1883138	0.17482545	3.1676190	21	4 20.8	20.0
248034 2004 GT_{22}	17.0	X	164.51251	87.58618	35.20910	5.57123	0.0824588	0.30019190	2.2090391	21	7 15.8	20.0
248035 2004 GK_{23}	15.8	X	135.62158	33.57851	195.93146	6.88523	0.1076616	0.19676000	2.9275984	21	10 25.5	20.2
248036 2004 GY_{24}	15.0	X	314.92870	17.31366	265.13227	21.24418	0.1006270	0.17649641	3.1475947	21	4 18.9	19.6
248037 2004 GL_{30}	16.0	X	349.47634	22.29802	206.99746	11.28190	0.0697744	0.23060129	2.6336712	21	4 1.1	19.2
248038 2004 GH_{34}	15.0	X	345.66351	260.18100	310.13060	14.56540	0.1489190	0.17144146	3.2091657	21	2 26.9	19.1
248039 2004 GD_{80}	15.7	X	46.20450	27.65825	116.14627	6.36702	0.1473697	0.17252803	3.1956775	21	3 25.1	19.6
248040 2004 GW_{83}	16.1	X	220.39122	286.88401	327.35558	6.72091	0.1860907	0.21070108	2.7969941	21	—	—
248041 2004 HN_{1}	16.9	X	315.25388	208.96485	210.17176	24.75794	0.0452451	0.36938833	1.9237440	21	12 3.2	19.0
248042 2004 HF_{19}	18.4	X	236.21547	37.29855	206.91821	4.17753	0.1977831	0.32780254	2.0831850	21	—	—
248043 2004 HQ_{29}	15.9	X	203.11750	62.70736	229.34104	8.46738	0.1929468	0.21472345	2.7619537	21	—	—
248044 2004 HP_{37}	15.6	X	25.43342	230.70874	45.67249	11.16298	0.2936723	0.18158877	3.0884700	21	9 8.7	19.0
248045 2004 HT_{49}	15.8	X	16.28948	190.32205	83.61237	4.24347	0.2145996	0.18247380	3.0784755	21	7 30.3	18.9
248046 2004 HM_{55}	15.8	X	58.86465	157.73516	68.66952	16.04650	0.2200503	0.18307227	3.0717628	21	8 15.4	20.2
248047 2004 HS_{63}	15.4	X	39.21782	95.88844	131.42251	17.84709	0.1760366	0.17711225	3.1402941	21	7 3.9	19.3
248048 2004 HD_{70}	12.4	X	322.44678	197.85755	214.42449	34.66700	0.1375403	0.08361433	5.1794333	21	10 4.9	18.9
248049 2004 JX_{11}	16.5	X	31.32249	137.58783	112.85974	24.74712	0.0160107	0.35181721	1.9872751	21	7 5.5	18.2
248050 2004 JT_{14}	15.5	X	343.38000	92.06126	217.92146	14.74419	0.2409207	0.17794846	3.1304485	21	7 1.6	18.9
248051 2004 JZ_{21}	16.2	X	32.47789	267.87549	51.88729	4.17836	0.1645024	0.18975191	2.9992450	21	10 24.5	19.8
248052 2004 JX_{55}	16.0	X	28.38011	17.09744	157.89124	11.82869	0.1153878	0.22538343	2.6741641	21	3 23.8	18.9
248053 2004 KN_{14}	16.0	X	20.95679	118.48313	184.37270	15.32319	0.3022244	0.18192459	3.0846681	21	10 2.1	19.2
248054 2004 KV_{17}	15.7	X	245.61727	208.89029	51.10033	7.73186	0.0814206	0.21373196	2.7704888	21	1 3.6	20.0
248055 2004 LT_{5}	15.4	X	17.87745	143.44984	177.47047	13.93156	0.1001844	0.18554459	3.0444150	21	9 24.2	19.0
248056 2004 LB_{8}	14.8	X	31.09465	359.56971	290.80120	18.19955	0.1781576	0.17793838	3.1305667	21	9 3.0	18.9
248057 2004 LN_{23}	16.5	X	260.97451	321.06013	331.45903	5.26266	0.2422401	0.27326639	2.3518624	21	2 8.0	20.3
248058 2004 LF_{24}	14.8	X	317.80905	224.05461	92.69410	17.77248	0.2177480	0.17419695	3.1752336	21	5 29.9	18.8
248059 2004 LV_{27}	15.9	X	111.94983	59.05627	159.02084	10.17208	0.0976425	0.18707075	3.0278344	21	9 15.8	20.3
248060 2004 LE_{31}	16.7	X	217.83343	39.59880	195.75890	14.19334	0.1529784	0.26353643	2.4094002	21	—	—
248061 2004 MD_{4}	14.2	X	334.70056	108.06549	273.97940	25.23973	0.1646283	0.17468181	3.1693553	21	9 15.5	18.5
248062 2004 MV_{6}	15.9	X	40.75677	254.67209	70.39713	4.93762	0.2259706	0.18388707	3.0626821	21	11 19.7	20.0
248063 2004 NE_{13}	17.5	X	24.33501	152.60368	136.59690	3.69387	0.1908910	0.29376696	2.2411319	21	9 18.1	19.3
248064 2004 NH_{31}	15.0	X	337.29691	71.24168	296.86858	24.65731	0.2938332	0.17498973	3.1656363	21	8 26.1	18.3
248065 2004 OZ	16.4	X	328.55278	232.87414	140.78304	13.57664	0.3070498	0.23312400	2.6146370	21	9 4.7	17.9
248066 2004 OA_{10}	16.3	X	52.57683	300.97322	347.64603	4.85678	0.0918569	0.23961375	2.5672110	21	10 6.3	19.5
248067 2004 OO_{11}	15.2	X	28.67177	292.61344	13.08888	12.81758	0.1500507	0.17788549	3.1311872	21	9 27.4	19.0
248068 2004 PT_{29}	15.2	X	20.50471	159.37068	173.61617	17.69973	0.1497745	0.17774725	3.1328105	21	10 21.3	19.2
248069 2004 PX_{29}	17.3	X	276.90487	179.31336	132.18812	6.09763	0.2369234	0.27620911	2.3351282	21	3 19.1	20.8
248070 2004 PX_{31}	15.6	X	27.75107	117.31071	142.54606	14.11096	0.2579446	0.17315503	3.1879584	21	8 7.3	18.9
248071 2004 PA_{45}	15.4	X	324.17835	49.70045	353.18758	12.66454	0.1650666	0.17718043	3.1394884	21	10 6.8	19.0
248072 2004 PP_{47}	15.5	X	16.35392	353.69465	299.75065	11.29972	0.2644490	0.17614385	3.1517933	21	8 27.7	18.7
248073 2004 PT_{48}	15.4	X	0.72217	357.84786	323.40132	16.07827	0.1955953	0.17578138	3.1561245	21	8 28.1	18.7
248074 2004 PD_{56}	14.9	X	318.25764	40.94312	320.84257	12.12509	0.0567630	0.17161462	3.2070067	21	8 16.0	19.0
248075 2004 PO_{56}	15.2	X	329.30752	107.19998	287.24644	8.41104	0.1056820	0.18011310	3.1053163	21	10 7.2	19.2
248076 2004 PG_{65}	17.6	X	347.78446	211.37285	59.99362	4.05297	0.1624448	0.28370715	2.2938016	21	5 15.9	19.5
248077 2004 PD_{83}	15.0	X	355.68504	22.36052	345.56530	17.94461	0.0940911	0.17756170	3.1349926	21	10 11.2	19.2
248078 2004 PW_{91}	15.2	X	350.70298	147.75308	175.33389	13.55982	0.1953837	0.17211766	3.2007550	21	8 8.9	18.8
248079 2004 PE_{100}	15.0	X	43.05589	302.63181	14.84792	26.32284	0.1107817	0.18059886	3.0997456	21	10 20.9	19.3
248080 2004 PL_{110}	15.5	X	329.97981	35.50289	350.06143	6.26469	0.1600821	0.17557960	3.1585421	21	9 26.7	19.0

Planet		H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
		m		°	°	°	°		°				
248081	2004 QA_{8}	15.6	X	5.82606	341.06548	7.33871	17.19029	0.2446110	0.17866378	3.1220873	21	10 19.3	18.9
248082	2004 QY_{21}	17.3	X	68.34940	339.67263	350.98716	6.03471	0.2127646	0.30067696	2.2066627	21	—	—
248083	2004 QU_{24}	16.0	X	262.87438	272.05552	187.85677	23.30394	0.6152301	0.16260015	3.3244674	21	7 29.9	22.5
248084	2004 QU_{26}	16.6	X	262.15514	176.07584	111.55545	10.51906	0.2074915	0.26901812	2.3765577	21	2 6.5	20.4
248085	2004 RO	14.8	X	325.73902	102.00196	301.53258	24.65013	0.2411916	0.17526354	3.1623383	21	9 19.9	18.7
248086	2004 RD_{1}	17.0	X	206.46336	256.17658	103.51896	8.37018	0.2928850	0.21211997	2.7845072	21	3 26.9	22.2
248087	2004 RR_{5}	15.0	X	27.97844	203.67267	131.99674	13.99535	0.0978975	0.17787058	3.1313622	21	11 1.1	19.4
248088	2004 RL_{13}	15.5	X	356.31563	348.87587	348.47338	5.47962	0.1906994	0.17339228	3.1850496	21	9 12.7	19.0
248089	2004 RF_{30}	15.9	X	322.25555	72.21071	339.47876	21.67476	0.3731058	0.17432832	3.1736383	21	9 16.4	18.7
248090	2004 RA_{36}	14.9	X	42.82113	143.07665	154.64163	18.25743	0.1013377	0.17550250	3.1594671	21	10 3.0	19.3
248091	2004 RV_{42}	17.1	X	357.51278	318.91537	318.93390	5.77408	0.1608645	0.28527432	2.2853932	21	6 19.7	18.8
248092	2004 RL_{57}	15.2	X	53.05722	251.92151	37.45620	6.52235	0.1304301	0.17572688	3.1567772	21	10 8.5	19.4
248093	2004 RH_{62}	14.8	X	12.03777	344.28536	347.66225	9.15932	0.0910761	0.17469399	3.1692080	21	9 25.4	18.8
248094	2004 RE_{64}	16.5	X	239.84002	62.73948	260.12865	0.47631	0.2255703	0.21157332	2.7893014	21	3 5.8	21.3
248095	2004 RX_{64}	15.6	X	351.46279	181.18022	160.98249	1.74765	0.1816588	0.17255264	3.1953736	21	9 9.2	19.0
248096	2004 RJ_{73}	15.1	X	322.91446	233.16959	173.73538	9.87374	0.0810495	0.17597074	3.1538599	21	10 20.7	19.2
248097	2004 RQ_{77}	16.1	X	266.52200	252.67987	147.80930	8.41851	0.2015712	0.22316931	2.6918224	21	7 7.1	20.0
248098	2004 RG_{85}	14.9	X	243.11012	95.60555	18.94216	6.07467	0.0256145	0.17272631	3.1932314	21	10 4.3	19.3
248099	2004 RO_{87}	15.3	X	53.50027	99.75594	207.95234	11.30592	0.1440061	0.17832812	3.1260037	21	11 2.1	19.5
248100	2004 RC_{91}	15.4	X	17.75113	125.37127	227.98050	9.98820	0.0997090	0.18081660	3.0972566	21	11 3.3	19.2
248101	2004 RP_{91}	15.9	X	348.76059	127.60357	270.41048	3.03264	0.1687232	0.18020146	3.1043011	21	11 19.2	19.4
248102	2004 RA_{92}	15.4	X	20.00598	78.71668	278.81432	8.36230	0.1139893	0.18130455	3.0916969	21	11 12.2	19.4
248103	2004 RX_{94}	14.9	X	191.86023	91.55763	299.26636	7.23627	0.1258337	0.15441071	3.4409982	21	4 18.0	20.4
248104	2004 RJ_{98}	16.4	X	216.07017	187.28223	201.35417	8.42001	0.1097510	0.21680360	2.7442588	21	5 9.5	20.6
248105	2004 RT_{102}	15.6	X	312.36250	136.76455	283.16914	2.12445	0.1705309	0.17526955	3.1622660	21	10 9.6	19.3
248106	2004 RP_{105}	17.0	X	194.23267	202.19742	204.01408	5.13954	0.2304636	0.27130534	2.3631819	21	5 5.9	21.1
248107	2004 RA_{109}	17.4	X	86.53490	337.09579	346.28525	6.03623	0.2625058	0.30298631	2.1954356	21	—	—
248108	2004 RR_{118}	16.3	X	316.89870	107.20364	339.26299	1.78177	0.0949592	0.18390067	3.0625311	21	11 29.0	20.1
248109	2004 RN_{137}	15.5	X	358.31312	163.05009	221.98664	12.73611	0.1181374	0.18263555	3.0766576	21	11 16.9	19.2
248110	2004 RN_{138}	16.7	X	218.32255	18.69850	283.36293	11.49937	0.2529387	0.26579426	2.3957361	21	1 17.4	20.8
248111	2004 RX_{158}	15.8	X	55.65942	106.67464	187.35607	11.72898	0.1727272	0.17729982	3.1380788	21	10 23.9	20.1
248112	2004 RY_{167}	16.0	X	351.18593	128.40411	249.93638	11.41887	0.2840885	0.23205450	2.6226644	21	11 23.7	17.8
248113	2004 RG_{170}	15.1	X	345.74790	167.95768	207.68754	11.33505	0.1809171	0.17513130	3.1639300	21	10 13.6	18.3
248114	2004 RR_{178}	14.7	X	336.16781	184.18745	188.57530	15.62606	0.2141849	0.17372592	3.1809704	21	9 17.6	18.0
248115	2004 RS_{179}	15.5	X	62.72245	80.97565	201.46786	9.20839	0.2016181	0.17822827	3.1271712	21	10 21.3	20.0
248116	2004 RN_{180}	15.2	X	43.29812	9.91537	319.20495	9.20088	0.0649131	0.17926551	3.1150969	21	10 30.7	19.7
248117	2004 RF_{189}	15.1	X	328.80731	86.08793	283.77354	5.09103	0.1137068	0.17070065	3.2184438	21	9 4.6	19.1
248118	2004 RB_{193}	15.9	X	226.31960	21.28460	339.59256	8.31718	0.0693698	0.21225852	2.7832953	21	4 13.4	20.2
248119	2004 RA_{194}	15.4	X	16.64704	104.31922	211.70468	9.25738	0.2252602	0.17315083	3.1880099	21	9 25.8	18.9
248120	2004 RO_{195}	15.0	X	164.94976	262.79916	304.32176	9.59119	0.0009239	0.17731888	3.1378539	21	10 20.9	19.7
248121	2004 RR_{198}	15.4	X	47.24153	87.32274	222.37119	8.51898	0.0814589	0.17554467	3.1589611	21	10 16.5	19.7
248122	2004 RB_{199}	16.0	X	238.67266	161.16687	228.08774	14.10400	0.2533723	0.21596337	2.7513720	21	5 21.9	20.6
248123	2004 RR_{200}	15.8	X	243.62384	11.29561	12.71458	8.15046	0.2905624	0.21556683	2.7547452	21	5 14.6	20.7
248124	2004 RY_{208}	15.3	X	13.79667	84.59619	257.31902	9.88064	0.1241138	0.17820433	3.1274512	21	10 12.4	19.4
248125	2004 RG_{212}	15.0	X	351.03686	69.44250	273.05523	12.65754	0.1486103	0.17237565	3.1975604	21	9 1.1	19.0
248126	2004 RD_{214}	16.4	X	217.54695	95.29830	226.10232	8.79390	0.2348146	0.26650235	2.3914906	21	2 6.2	20.6
248127	2004 RL_{220}	15.1	X	291.05456	112.28205	300.63910	18.99046	0.0437155	0.16878024	3.2428111	21	9 5.0	19.9
248128	2004 RN_{291}	15.2	X	350.56208	280.61627	110.45132	9.71240	0.0662099	0.18166481	3.0876081	21	11 12.6	19.3
248129	2004 RK_{312}	15.5	X	347.42585	301.00134	50.83088	5.47315	0.1226393	0.17361695	3.1823013	21	9 17.4	19.3
248130	2004 RC_{347}	15.1	X	34.24647	149.41011	146.99079	11.64291	0.1002676	0.17091332	3.2157734	21	9 17.1	19.3
248131	2004 SB_{24}	15.6	X	241.68442	268.04115	188.02729	5.21871	0.1012453	0.16635518	3.2742499	21	8 28.8	20.4
248132	2004 SJ_{36}	15.3	X	219.12396	236.11436	306.95400	7.77811	0.0800529	0.18535872	3.0464499	21	11 20.9	20.0
248133	2004 SM_{38}	15.2	X	357.49145	164.35605	182.15383	5.37794	0.1890197	0.17249071	3.1961384	21	9 27.8	18.6
248134	2004 SY_{47}	15.9	X	314.26228	187.27351	228.75619	18.13933	0.1696724	0.23146714	2.6270993	21	10 17.2	18.7
248135	2004 SB_{48}	16.7	X	242.41892	23.07892	10.65086	5.21587	0.2405645	0.27512872	2.3412373	21	5 28.3	20.4
248136	2004 SR_{48}	15.6	X	71.59088	310.74640	318.90474	5.97452	0.1919897	0.17726670	3.1384697	21	10 11.3	20.3
248137	2004 SC_{49}	16.2	X	339.90041	78.95674	199.05591	8.61907	0.1252018	0.22060770	2.7126199	21	5 22.0	19.3
248138	2004 SA_{53}	15.1	X	278.46848	163.51032	298.48540	4.68019	0.1909988	0.17659708	3.1463983	21	10 6.9	19.3
248139	2004 SH_{62}	15.4	X	329.39015	237.07981	156.67804	12.71116	0.0736641	0.17536463	3.1611229	21	10 15.2	19.6
248140	2004 SJ_{62}	14.7	X	268.50694	329.83402	135.69979	15.55015	0.0679706	0.17489147	3.1668219	21	10 24.3	19.4
248141	2004 TW_{31}	14.4	X	194.28014	163.56692	225.01532	9.22999	0.0857690	0.15011827	3.5062834	21	4 20.6	19.8
248142	2004 TH_{60}	15.4	X	292.81581	247.94217	195.56927	9.77691	0.0448975	0.17710238	3.1404107	21	10 26.9	19.6
248143	2004 TV_{105}	15.2	X	47.21931	132.91327	167.63680	9.71880	0.0821928	0.17488988	3.1668410	21	10 7.9	19.5
248144	2004 TB_{117}	15.0	X	88.33502	50.86850	198.50812	23.63776	0.1200697	0.17345564	3.1842740	21	9 27.1	19.8
248145	2004 TO_{117}	15.0	X	32.74780	182.19200	116.60962	8.35879	0.1878248	0.17346683	3.1841370	21	10 2.1	19.0
248146	2004 TY_{118}	15.4	X	279.43070	180.24941	273.44768	4.19561	0.1049009	0.17605336	3.1528732	21	10 10.8	19.8
248147	2004 TR_{120}	15.9	X	42.93168	352.45902	9.12217	13.91812	0.2516618	0.23876194	2.5733132	21	—	—
248148	2004 TF_{182}	17.6	X	39.68300	124.73326	143.52982	3.20861	0.1370295	0.28688833	2.2768135	21	9 2.1	19.9
248149	2004 TM_{182}	15.9	X	27.71816	167.92628	155.52903	7.07188	0.0545649	0.17654688	3.1469947	21	10 7.4	20.1
248150	2004 TM_{196}	16.5	X	0.58195	201.98125	207.14696	8.79070	0.0883686	0.23893164	2.5720946	21	12 31.0	19.8
248151	2004 TP_{197}	17.4	X	43.39069	80.01269	204.11688	3.14988	0.1527013	0.28770826	2.2724857	21	10 4.0	19.7
248152	2004 TT_{203}	16.3	X	163.74184	108.69640	31.84850	6.04879	0.0161544	0.21819902	2.7325462	21	8 5.9	20.1
248153	2004 TR_{235}	17.6	X	49.47770	226.75640	48.97675	3.63795	0.1673491	0.28708231	2.2757878	21	10 5.3	20.1
248154	2004 TO_{236}	16.6	X	315.98912	36.43497	351.81413	11.19741	0.1560742	0.22724153	2.6595668	21	9 13.1	19.1
248155	2004 TK_{293}	15.3	X	200.85431	250.03719	223.93533	7.51971	0.1246808	0.16003620	3.3598810	21	8 4.6	20.7
248156	2004 TW_{298}	16.2	X	283.98226	243.78930	208.13874	11.03682	0.1619354	0.23138814	2.6276972	21	10 16.6	19.1
248157	2004 TJ_{326}	14.9	X	244.97989	187.79040	316.00726	17.24876	0.1628559	0.17616468	3.1515449	21	10 14.8	19.9
248158	2004 UV_{9}	15.7	X	272.78654	175.75283	245.29797	20.68272	0.0937466	0.22527028	2.6750595	21	8 18.3	19.8
248159	2004 VH	15.8	X	169.15969	131.40026	335.73768	12.36396	0.2565749	0.21123350	2.7922921	21	7 3.9	20.9
248160	2004 VU_{8}	16.1	X	331.52175	318.47670	69.46839	12.83555	0.1895589	0.22899110	2.6460029	21	10 19.9	18.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248161 2004 VM_9	16.3	X	226.36656	241.54888	194.96331	8.01952	0.2874630	0.21672689	2.7449063	21	7 5.5	21.2
248162 2004 VH_{13}	15.8	X	70.36246	246.06449	88.52393	14.38331	0.0626321	0.23554039	2.5967240	21	12 23.7	19.2
248163 2004 VW_{53}	16.1	X	269.77614	297.27884	76.31097	9.10010	0.2153344	0.21707156	2.7419999	21	6 4.4	20.2
248164 2004 VY_{63}	15.0	X	326.90420	191.85659	284.83708	29.72365	0.1353201	0.23358197	2.6112182	21	—	—
248165 2004 VK_{77}	16.4	X	4.32536	269.04799	106.44355	17.71321	0.2472249	0.23374454	2.6100073	21	12 15.5	19.1
248166 2004 XX_2	16.1	X	305.60520	334.63917	69.04603	5.21751	0.1911940	0.22533296	2.6745635	21	9 13.9	18.9
248167 2004 XW_{10}	16.0	X	48.46854	242.20021	76.84030	10.77910	0.0627205	0.22495646	2.6775468	21	11 7.7	19.6
248168 2004 XB_{29}	16.9	X	68.82800	116.71822	259.81553	6.28895	0.1466764	0.29901398	2.2148367	21	—	—
248169 2004 XP_{59}	15.2	X	340.23216	62.26790	80.12146	16.98907	0.1547167	0.18200169	3.0837969	21	—	—
248170 2004 XF_{60}	16.8	X	268.01458	62.75858	95.28454	4.70603	0.1353168	0.23091273	2.6313026	21	12 24.2	19.7
248171 2004 XH_{61}	17.2	X	81.11094	64.72023	297.73440	5.24365	0.2032517	0.30130987	2.2035715	21	—	—
248172 2004 XO_{65}	14.4	X	313.35832	201.10397	301.63060	26.80432	0.1394215	0.17619725	3.1511565	21	—	—
248173 2004 XX_{68}	15.4	X	25.50144	355.23004	97.87675	11.74594	0.1788026	0.18275079	3.0753641	21	—	—
248174 2004 XQ_{83}	15.9	X	32.76575	295.71306	282.71511	9.82766	0.2009342	0.26104003	2.4247370	21	6 7.4	17.8
248175 2004 XK_{95}	17.0	X	78.04282	158.85887	216.71489	3.12942	0.1369151	0.29977491	2.2110872	21	—	—
248176 2004 XQ_{123}	15.9	X	177.74653	204.25264	277.80626	3.48471	0.1086573	0.21274047	2.7790902	21	7 26.6	20.1
248177 2004 YW_{11}	15.9	X	241.36851	307.38126	292.38059	13.55042	0.1556458	0.23799538	2.5788359	21	—	—
248178 2005 AH_3	17.0	X	85.10937	249.00124	134.95949	6.39780	0.1632007	0.30123668	2.2039284	21	—	—
248179 2005 AE_5	16.1	X	352.27950	285.45379	320.89545	9.65944	0.1667616	0.25773671	2.4454110	21	4 11.6	18.7
248180 2005 AW_8	16.4	X	296.15333	117.45518	108.04887	13.10790	0.2271867	0.24096539	2.5576018	21	—	—
248181 2005 AH_{17}	16.2	X	235.10764	84.39583	118.65107	15.14487	0.1536939	0.23034812	2.6356006	21	—	—
248182 2005 AV_{26}	16.6	X	284.07663	177.47397	260.44502	6.45922	0.0955738	0.27918211	2.3185208	21	10 12.1	19.3
248183 Peisandros	12.8	X	290.02469	32.55674	299.79598	15.02003	0.0556929	0.08389051	5.1680595	21	6 3.9	19.7
248184 2005 AQ_{74}	15.4	X	125.09804	194.47275	308.14283	16.02965	0.0509545	0.20294200	2.8678389	21	6 22.7	19.7
248185 2005 AU_{74}	17.3	X	2.24083	273.42637	93.47562	2.14086	0.1619071	0.28298937	2.2976787	21	11 27.7	19.3
248186 2005 AY_{82}	12.7	X	262.40041	31.43829	327.59762	18.98046	0.0551831	0.08365069	5.1779321	21	6 1.1	19.9
248187 2005 BA_1	16.5	X	220.17225	261.81122	311.87765	10.41618	0.1312169	0.22763689	2.6564865	21	—	—
248188 2005 BM_5	16.5	X	74.95109	23.70638	133.96562	5.53238	0.0549253	0.25723159	2.4486113	21	5 4.7	19.5
248189 2005 BE_{17}	12.9	X	35.77436	102.68146	130.93761	5.77878	0.0274916	0.08316443	5.1980960	21	6 21.7	19.7
248190 2005 BL_{32}	17.7	X	3.96440	325.05505	350.92419	0.99930	0.2054026	0.27343219	2.3509115	21	9 14.6	19.1
248191 2005 CK_6	16.8	X	202.08897	160.25649	311.33015	1.97919	0.1171979	0.26877487	2.3779914	21	8 9.6	20.2
248192 2005 CB_{20}	15.4	X	42.16435	143.60417	337.00147	12.35646	0.1501726	0.18368181	3.0649633	21	2 12.6	18.9
248193 2005 CR_{33}	16.0	X	307.84204	236.35706	357.75401	5.06802	0.1417061	0.18384293	3.0631724	21	2 8.8	20.2
248194 2005 CZ_{39}	17.0	X	226.61453	353.80124	135.23892	3.98755	0.1395842	0.21696756	2.7428760	21	9 24.3	21.0
248195 2005 CP_{53}	15.9	X	83.66719	342.37830	126.85940	9.19082	0.1677994	0.18945633	3.0023637	21	4 8.4	20.0
248196 2005 CL_{75}	16.5	X	331.74823	326.42822	340.43909	8.85566	0.0471687	0.20286179	2.8685948	21	6 26.2	20.3
248197 2005 CE_{79}	15.9	X	71.83202	102.01593	344.28499	7.80172	0.0754426	0.18318581	3.0704934	21	2 7.9	19.9
248198 2005 EH_1	15.5	X	21.54333	340.44753	175.57467	10.31557	0.1812541	0.18336285	3.0685166	21	2 18.3	18.8
248199 2005 EG_8	14.9	X	269.65654	31.83658	179.32284	21.58316	0.0577600	0.17016433	3.2252028	21	—	—
248200 2005 EY_{25}	15.4	X	338.58198	28.49742	166.20912	17.35714	0.1828810	0.18039482	3.1020824	21	1 24.1	19.6
248201 2005 ES_{26}	16.1	X	30.96529	330.40187	155.80949	5.59221	0.1963046	0.18141355	3.0904584	21	1 29.6	19.2
248202 2005 EV_{35}	16.1	X	195.37298	314.72886	203.09731	7.27328	0.1575994	0.21203482	2.7852526	21	9 24.3	20.5
248203 2005 EV_{38}	15.5	X	23.77128	117.50915	2.66519	20.23737	0.1331037	0.17906367	3.1174374	21	1 16.8	19.6
248204 2005 EA_{43}	16.0	X	301.29978	126.63305	122.07303	4.59231	0.2217162	0.18013892	3.1050196	21	2 7.6	20.4
248205 2005 ED_{43}	15.2	X	49.50296	324.29341	160.47892	14.87005	0.0237726	0.18227781	3.0806818	21	2 18.7	19.4
248206 2005 ET_{50}	16.8	X	43.30721	333.26995	180.63323	5.11802	0.1198836	0.24671398	2.5177168	21	3 14.0	19.4
248207 2005 ED_{75}	16.1	X	116.27353	301.60362	355.59514	12.18641	0.1287183	0.21911557	2.7249208	21	12 30.9	20.6
248208 2005 EP_{83}	15.0	X	335.27124	341.56550	183.44675	15.19362	0.1391523	0.17539413	3.1607685	21	—	—
248209 2005 EW_{88}	17.0	X	49.78583	113.59325	321.08872	4.90141	0.1184332	0.29639681	2.2278556	21	—	—
248210 2005 EE_{96}	15.6	X	10.56436	293.17122	283.74912	8.30761	0.0868755	0.19276697	2.9678888	21	4 19.1	19.4
248211 2005 EF_{102}	16.8	X	222.85139	232.99108	5.24280	11.91247	0.2633173	0.22391775	2.6858208	21	—	—
248212 2005 EN_{102}	15.7	X	237.07364	178.88214	195.55565	15.32701	0.2087205	0.25178980	2.4837657	21	5 4.8	19.8
248213 2005 ES_{108}	15.2	X	191.70425	100.68127	199.01419	8.84876	0.0635809	0.17443229	3.1723770	21	1 1.2	20.1
248214 2005 ED_{117}	16.7	X	300.63167	263.52083	167.63794	4.64405	0.0545713	0.21447329	2.7641010	21	10 27.1	20.2
248215 2005 EZ_{127}	16.1	X	181.32091	281.88119	269.40208	6.41820	0.1615926	0.21703055	2.7423453	21	10 21.0	20.7
248216 2005 EB_{130}	15.6	X	257.57834	268.61344	345.66924	17.40155	0.0460952	0.17652886	3.1472090	21	1 23.9	20.4
248217 2005 ER_{160}	15.6	X	135.95292	204.58028	181.81048	10.61412	0.0505156	0.17635227	3.1493095	21	2 8.9	20.2
248218 2005 EA_{170}	15.4	X	148.90420	15.46790	23.13799	11.45697	0.0509510	0.18548584	3.0450578	21	3 14.9	19.9
248219 2005 EC_{172}	16.1	X	324.63925	246.97974	349.99375	11.87031	0.0840956	0.24361636	2.5390139	21	3 3.9	19.3
248220 2005 EK_{177}	16.6	X	230.31385	86.43936	192.22874	4.26974	0.2167923	0.23014154	2.6371776	21	1 4.3	21.2
248221 2005 EF_{178}	17.2	X	260.57335	190.10247	252.33525	2.19780	0.0989680	0.27546446	2.3393345	21	9 12.8	20.2
248222 2005 ER_{195}	15.3	X	352.95742	307.41236	186.30214	11.85202	0.0790514	0.17292104	3.1908336	21	—	—
248223 2005 EK_{196}	16.7	X	260.94189	138.99413	274.76480	1.13782	0.0387424	0.26443363	2.4039472	21	8 13.2	19.8
248224 2005 EU_{199}	15.9	X	20.49589	5.84465	181.67569	5.44027	0.0378800	0.18603808	3.0390288	21	3 31.6	19.9
248225 2005 EL_{205}	16.1	X	311.13806	206.88933	200.22305	4.06550	0.0646191	0.21076060	2.7964674	21	10 7.5	19.5
248226 2005 EO_{206}	14.9	X	312.53089	179.84159	1.24270	18.32412	0.0858978	0.17189575	3.2035090	21	—	—
248227 2005 ES_{207}	15.1	X	112.27445	53.66601	306.29118	27.65732	0.1119370	0.23481645	2.6020584	21	—	—
248228 2005 EA_{208}	16.5	X	92.00923	179.08735	263.08001	2.32001	0.1293362	0.18827200	3.0149415	21	3 5.5	20.6
248229 2005 EU_{215}	15.1	X	357.47502	104.46870	26.40211	15.21159	0.0468178	0.17218165	3.1999619	21	—	—
248230 2005 ET_{216}	15.9	X	205.31291	65.60709	190.97653	9.72882	0.1991092	0.22324629	2.6912036	21	—	—
248231 2005 EV_{217}	17.0	X	33.92176	101.72311	57.59798	1.56792	0.2276163	0.18362631	3.0655808	21	3 25.2	20.0
248232 2005 EZ_{220}	15.7	X	157.60661	76.25044	195.43562	8.17197	0.2509692	0.21761011	2.7374740	21	—	—
248233 2005 EG_{222}	15.5	X	29.04126	268.79888	278.80257	8.89892	0.1113582	0.18825853	3.0150853	21	4 10.4	19.3
248234 2005 EN_{240}	16.7	X	270.75795	105.21723	155.79813	4.05757	0.1653389	0.23799702	2.5788240	21	1 18.8	20.6
248235 2005 EJ_{242}	16.0	X	316.89487	111.74503	98.66986	9.35512	0.1016095	0.24027715	2.5624835	21	1 15.1	19.5
248236 2005 EE_{246}	16.9	X	253.62378	108.45023	176.39609	13.00841	0.1651438	0.23866414	2.5740162	21	1 29.8	21.2
248237 2005 ER_{247}	15.8	X	346.42324	324.93994	177.04555	6.43784	0.0843111	0.17323934	3.1869240	21	—	—
248238 2005 EQ_{249}	12.8	X	31.32082	112.64051	145.27857	28.04802	0.0471918	0.08368077	5.1766913	21	7 16.4	19.6
248239 2005 EW_{278}	16.6	X	190.65785	221.35889	53.84925	1.54958	0.1778421	0.22372029	2.6874009	21	—	—
248240 2005 ET_{281}	16.6	X	297.81369	64.45948	136.04343	12.30572	0.1425605	0.23273911	2.6175187	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248241 2005 ER_{283}	15.2	X	322.64698	135.74378	41.66503	13.29683	0.0987261	0.17570335	3.1570589	21	—	—
248242 2005 EA_{286}	15.4	X	342.96918	87.79793	83.75197	18.40104	0.1106653	0.17803587	3.1294238	21	1 14.3	19.6
248243 2005 EE_{331}	16.6	X	230.49541	271.48281	202.92241	6.95898	0.1802438	0.21203578	2.7852442	21	9 1.8	21.1
248244 2005 FO_{2}	16.1	X	194.88972	260.02064	11.07810	7.66366	0.1419611	0.22492682	2.6777820	21	—	—
248245 2005 FQ_{5}	15.9	X	257.33469	11.51455	168.03370	12.36560	0.2113690	0.22335498	2.6903304	21	12 23.3	19.5
248246 2005 GD_{10}	16.1	X	260.66322	263.12264	351.99274	15.19909	0.1902421	0.23372451	2.6101565	21	1 4.8	20.7
248247 2005 GO_{14}	16.3	X	285.38474	188.80148	79.45981	2.04997	0.1055110	0.24017213	2.5632304	21	2 19.5	19.8
248248 2005 GH_{19}	15.5	X	34.37930	97.20071	23.27886	14.55493	0.0636129	0.17536968	3.1610622	21	2 2.9	19.9
248249 2005 GX_{19}	16.1	X	231.86865	71.47324	200.17523	7.76290	0.1552199	0.22943175	2.6426138	21	—	—
248250 2005 GS_{20}	15.9	X	337.47960	314.27042	40.63284	9.54413	0.1282982	0.19892665	2.9063019	21	9 9.3	19.3
248251 2005 GO_{23}	16.0	X	193.53318	92.55433	177.36098	14.00400	0.1814215	0.22303651	2.6928908	21	—	—
248252 2005 GQ_{23}	16.6	X	324.32343	20.94595	162.31642	9.92080	0.2192176	0.23505502	2.6002974	21	—	—
248253 2005 GW_{27}	16.7	X	328.85684	281.50167	309.14273	2.94521	0.1625966	0.24125959	2.5555222	21	2 16.3	19.6
248254 2005 GV_{37}	15.6	X	232.68242	262.41480	7.10265	11.35967	0.2266538	0.22775216	2.6555902	21	—	—
248255 2005 GP_{50}	16.1	X	215.56908	91.86657	192.78324	3.76058	0.0611671	0.22930164	2.6436134	21	—	—
248256 2005 GN_{64}	16.1	X	354.29820	79.59137	62.36112	12.29796	0.1380725	0.23621690	2.5917637	21	—	—
248257 2005 GR_{67}	16.0	X	306.30483	35.33740	202.22700	12.80846	0.1122507	0.17732548	3.1377761	21	2 11.3	20.6
248258 2005 GL_{71}	15.1	X	235.00445	259.87141	22.83952	5.14556	0.1316566	0.17374954	3.1806821	21	1 25.2	20.3
248259 2005 GK_{73}	15.2	X	303.28846	160.32382	71.71291	15.02609	0.0907065	0.17616347	3.1515592	21	2 13.0	19.9
248260 2005 GX_{93}	15.4	X	243.46864	50.58505	221.15520	10.31433	0.0645968	0.17208607	3.2011467	21	1 20.5	20.4
248261 2005 GS_{112}	15.5	X	342.67243	323.98692	222.50088	12.52633	0.0777009	0.17637964	3.1489837	21	1 31.6	20.0
248262 Liuxiaobo	15.8	X	298.17340	151.92238	59.78077	11.94048	0.1687283	0.17560796	3.1582021	21	—	—
248263 2005 GZ_{141}	16.0	X	252.78103	270.17391	357.84923	8.76532	0.0468391	0.17416405	3.1756335	21	2 1.5	20.7
248264 2005 GU_{149}	16.9	X	260.32844	149.35965	89.94705	5.52362	0.1218203	0.22911517	2.6450476	21	—	—
248265 2005 GG_{154}	15.2	X	268.70572	161.41663	67.12583	11.66323	0.0641134	0.17115910	3.2126942	21	—	—
248266 2005 GC_{161}	15.9	X	183.63294	231.53640	49.22118	12.29956	0.1731460	0.22298549	2.6933016	21	—	—
248267 2005 GU_{170}	16.1	X	247.93713	227.04894	67.20373	9.48342	0.0669151	0.23686628	2.5870246	21	2 17.5	19.9
248268 2005 GU_{180}	15.6	X	52.19164	264.82138	190.90067	15.95512	0.1091605	0.17536642	3.1611013	21	1 22.4	19.9
248269 2005 HK_{3}	16.7	X	196.15243	275.75351	280.46194	4.78190	0.1775029	0.27552991	2.3389641	21	11 17.0	20.2
248270 2005 HE_{6}	16.1	X	185.10418	78.06323	201.54941	11.81807	0.1676305	0.21962656	2.7206926	21	—	—
248271 2005 HY_{6}	16.4	X	161.61176	210.75763	42.67576	12.71317	0.3211833	0.21312521	2.7757446	21	12 12.9	21.7
248272 2005 JE_{2}	15.8	X	197.53873	274.24785	21.03308	12.61837	0.2667408	0.22712126	2.6605057	21	1 1.9	20.7
248273 2005 JM_{2}	16.3	X	232.67033	284.50650	22.79640	6.19421	0.1105858	0.23807354	2.5782714	21	2 13.5	20.3
248274 2005 JG_{15}	16.0	X	170.23970	237.33590	115.24709	12.57884	0.1923787	0.22784684	2.6548544	21	2 13.2	20.4
248275 2005 JZ_{16}	15.9	X	180.15549	311.28619	5.51975	15.20157	0.3161231	0.22407555	2.6845597	21	1 20.1	21.0
248276 2005 JP_{41}	17.1	X	139.67531	216.79020	67.55189	2.92164	0.2859283	0.21229485	2.7829778	21	—	—
248277 2005 JU_{42}	15.9	X	162.07098	247.03424	57.50001	9.50841	0.2290366	0.22131339	2.7068504	21	—	—
248278 2005 JW_{44}	16.2	X	263.59842	72.34972	151.05086	9.96559	0.0681777	0.22831052	2.6512587	21	—	—
248279 2005 JL_{60}	16.5	X	201.14958	225.12934	126.12389	5.72068	0.2927953	0.23184863	2.6242167	21	3 9.9	21.3
248280 2005 JL_{64}	15.9	X	193.08933	21.05464	262.84782	13.15023	0.2353513	0.22485593	2.6783448	21	—	—
248281 2005 JD_{84}	16.0	X	181.65985	301.21649	50.14230	12.18821	0.2824709	0.22938682	2.6429589	21	3 1.2	20.9
248282 2005 JL_{98}	16.3	X	264.50194	93.52669	139.92129	3.18461	0.0782835	0.22833613	2.6510604	21	—	—
248283 2005 JC_{99}	15.9	X	263.70987	89.40892	189.49345	5.16956	0.1031254	0.17772450	3.1330778	21	2 16.1	20.6
248284 2005 JS_{113}	16.0	X	329.74285	147.26854	188.49306	4.11077	0.0723476	0.19521724	2.9430024	21	7 28.5	19.7
248285 2005 JY_{119}	15.9	X	202.28612	151.33560	214.34506	13.32777	0.2834736	0.23398526	2.6082170	21	3 22.9	20.8
248286 2005 JX_{130}	15.9	X	168.73807	225.77680	81.75998	15.42506	0.0693878	0.22311735	2.6922403	21	—	—
248287 2005 JA_{136}	15.5	X	278.81158	47.55837	194.39514	22.82593	0.0905078	0.17239786	3.1972858	21	1 19.5	20.7
248288 2005 JG_{138}	16.7	X	190.95127	187.04350	129.10835	6.58539	0.2244510	0.22469219	2.6796458	21	1 18.7	21.2
248289 2005 KM	16.3	X	188.88930	180.96528	171.87623	5.09577	0.1997605	0.23151110	2.6267667	21	2 26.9	20.6
248290 2005 KU_{9}	15.5	X	333.85912	336.33550	249.44057	24.84306	0.1542122	0.23754386	2.5821027	21	2 6.9	19.3
248291 2005 KS_{10}	15.8	X	334.67863	126.65961	190.24731	20.07874	0.3035571	0.18567422	3.0429979	21	6 14.6	19.3
248292 2005 KV_{11}	15.8	X	337.75619	240.30106	59.37608	5.54011	0.2281026	0.18611083	3.0382368	21	6 6.9	18.8
248293 2005 LN_{1}	15.5	X	148.69449	282.39056	128.38582	11.18673	0.0543632	0.17569505	3.1571583	21	3 31.5	20.3
248294 2005 LZ_{2}	16.0	X	215.93747	245.36674	94.72274	10.87051	0.2729721	0.23088162	2.6315390	21	3 10.2	20.9
248295 2005 LY_{3}	15.8	X	130.06122	226.04338	86.96899	15.73033	0.2290247	0.21315088	2.7755217	21	—	—
248296 2005 LK_{9}	15.9	X	78.99210	105.17339	77.41203	17.02645	0.0623634	0.18781546	3.0198254	21	6 15.8	19.9
248297 2005 LL_{14}	16.8	X	261.23748	2.76204	193.11112	8.04605	0.2312334	0.22353146	2.6889142	21	—	—
248298 2005 LX_{19}	16.2	X	87.32047	27.96223	305.49530	38.25647	0.3683409	0.26634234	2.3924484	21	—	—
248299 2005 LS_{22}	15.6	X	339.77282	297.90453	278.61368	8.82232	0.0815148	0.17005400	3.2265977	21	3 6.1	20.1
248300 2005 LP_{23}	16.4	X	192.29065	88.13116	236.12232	11.53962	0.1922224	0.22745073	2.6579359	21	1 24.2	21.1
248301 2005 LA_{25}	16.1	X	163.68295	153.88284	211.59250	6.82382	0.2421165	0.22798083	2.6538141	21	2 21.9	20.7
248302 2005 LZ_{37}	16.3	X	206.24034	86.72051	221.87101	11.90261	0.1270159	0.22696634	2.6617162	21	1 16.7	20.7
248303 2005 LC_{48}	15.9	X	184.15732	343.57748	298.43732	7.92967	0.2779399	0.21568165	2.7537674	21	—	—
248304 2005 MS_{1}	15.8	X	89.25355	197.99393	108.55916	14.12664	0.1144011	0.20209643	2.8758328	21	12 11.9	20.3
248305 2005 MC_{41}	15.5	X	146.87266	164.32365	305.13721	13.40137	0.1578712	0.23808864	2.5781624	21	6 11.7	19.7
248306 2005 MP_{42}	16.2	X	93.46350	226.29979	150.07614	11.65954	0.1499129	0.20995663	2.8036018	21	—	—
248307 2005 MW_{54}	15.7	X	98.90016	119.38108	129.35099	10.28540	0.0226210	0.19166272	2.9792775	21	10 3.9	20.0
248308 2005 NQ_{11}	15.9	X	281.51361	2.59128	253.74239	10.75156	0.0849973	0.23199622	2.6231036	21	1 30.2	19.8
248309 2005 ND_{17}	15.6	X	68.78815	347.27836	337.28210	16.47589	0.1390424	0.19923771	2.9032762	21	12 11.5	20.2
248310 2005 NJ_{22}	16.1	X	178.49735	196.51703	135.77286	13.54439	0.1610080	0.21855531	2.7295757	21	1 24.7	20.6
248311 2005 NM_{28}	16.5	X	117.73070	99.98573	204.85679	2.39202	0.1564981	0.20499563	2.8486537	21	—	—
248312 2005 NL_{36}	16.3	X	12.35903	40.27963	186.74107	11.79591	0.1085828	0.24406604	2.5358943	21	5 6.5	19.0
248313 2005 NE_{60}	15.9	X	145.43700	55.92942	300.59460	32.78536	0.2980788	0.21506538	2.7590255	21	1 30.8	20.6
248314 2005 NB_{69}	16.1	X	136.34796	345.50409	338.82899	11.25388	0.2341675	0.20971728	2.8057345	21	—	—
248315 2005 OF_{1}	15.1	X	316.21015	307.20902	333.11669	24.65304	0.1741909	0.17425726	3.1745010	21	3 30.8	19.7
248316 2005 OO_{10}	16.1	X	213.86388	255.57739	51.01706	4.20801	0.1719617	0.22035633	2.7146824	21	1 26.8	20.6
248317 2005 OL_{27}	15.6	X	333.87567	126.34493	212.98630	9.38986	0.0891148	0.18375177	3.0641853	21	8 4.8	19.6
248318 2005 PF_{2}	15.8	X	120.93780	44.46958	329.10588	11.14328	0.2908741	0.21093525	2.7949236	21	2 4.6	20.0
248319 2005 PJ_{6}	15.9	X	86.39964	328.83139	12.50944	8.36381	0.2167769	0.20310296	2.8663236	21	—	—
248320 2005 PY_{15}	16.0	X	15.16376	190.75087	139.35639	13.68782	0.1714902	0.18846561	3.0128763	21	10 15.4	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248321 2005 PL_{20}	16.3	X	127.91381	197.00232	146.02062	14.96622	0.2115910	0.21022808	2.8011878	21	—	—
248322 2005 PY_{28}	15.3	X	357.26588	321.83914	15.33783	12.79533	0.0849072	0.18524266	3.0477222	21	9 15.8	19.1
248323 2005 QD_{2}	15.7	X	118.81737	199.59241	170.12792	8.35655	0.2933045	0.21066455	2.7973174	21	1 26.5	19.8
248324 2005 QX_{7}	15.0	X	8.20666	304.81195	342.30421	16.42723	0.0820560	0.17893445	3.1189380	21	7 28.9	19.1
248325 2005 QS_{12}	15.3	X	196.23691	182.01739	311.13700	10.04810	0.0655351	0.18384480	3.0631516	21	8 27.5	19.9
248326 2005 QA_{14}	16.1	X	88.40533	237.21738	176.86406	4.31605	0.0651666	0.21278805	2.7786759	21	1 11.2	19.7
248327 2005 QD_{14}	16.2	X	38.54961	154.96100	169.94138	5.23372	0.1795935	0.19091047	2.9870986	21	11 11.9	20.1
248328 2005 QL_{18}	16.1	X	326.74091	260.92848	102.28919	2.14577	0.2041406	0.18153052	3.0891307	21	8 18.9	19.3
248329 2005 QO_{31}	16.1	X	70.07717	9.07727	310.84170	16.18349	0.1971559	0.19759754	2.9193200	21	12 15.4	20.7
248330 2005 QL_{35}	15.4	X	342.14629	326.41612	359.03661	11.37825	0.1383906	0.18023453	3.1039214	21	8 4.6	19.1
248331 2005 QP_{38}	15.1	X	319.20098	346.57343	337.73754	26.82526	0.1137218	0.17801716	3.1296430	21	6 28.2	19.6
248332 2005 QM_{41}	15.9	X	338.00156	178.90099	179.29585	13.64234	0.2054900	0.18395777	3.0618973	21	9 2.4	19.2
248333 2005 QS_{43}	16.3	X	48.33592	329.27847	352.39419	3.59478	0.1527498	0.19271095	2.9684640	21	11 14.6	20.3
248334 2005 QN_{53}	16.1	X	106.57392	61.16504	348.04367	6.80856	0.1517736	0.21447791	2.7640613	21	2 12.6	19.8
248335 2005 QB_{59}	15.6	X	24.44687	134.28663	158.39700	11.33015	0.0817104	0.18164474	3.0878355	21	8 24.9	19.4
248336 2005 QO_{69}	16.3	X	212.74631	153.91843	128.17692	8.93476	0.1823743	0.21641449	2.7475472	21	—	—
248337 2005 QL_{71}	17.0	X	50.86418	184.40430	173.54120	27.19252	0.0886423	0.38252280	1.8794517	21	—	—
248338 2005 QW_{82}	15.6	X	96.91875	23.30360	336.48741	12.96064	0.1217580	0.20473579	2.8510634	21	—	—
248339 2005 QA_{83}	15.4	X	32.02258	316.58335	330.46406	10.72492	0.0720518	0.18199377	3.0838864	21	8 27.7	19.4
248340 2005 QB_{84}	15.8	X	151.98731	176.75239	186.03285	3.88341	0.0843392	0.21401472	2.7680480	21	1 28.3	19.8
248341 2005 QA_{87}	15.0	X	305.62800	159.66203	191.49387	27.79105	0.1859303	0.17566923	3.1574677	21	6 25.2	19.7
248342 2005 QZ_{87}	15.9	X	151.19739	148.30795	199.24691	3.96326	0.0770541	0.21088734	2.7953468	21	1 8.9	19.9
248343 2005 QY_{93}	15.7	X	241.45329	134.45034	121.19904	8.41238	0.1000010	0.21423375	2.7661610	21	—	—
248344 2005 QE_{107}	15.3	X	313.66192	358.33629	0.14663	23.41049	0.1891589	0.18021573	3.1041373	21	7 30.5	19.5
248345 2005 QF_{108}	15.2	X	355.62005	119.26337	178.58739	9.26988	0.0805804	0.17836340	3.1255915	21	7 16.6	19.3
248346 2005 QD_{111}	16.5	X	192.15367	127.19475	187.92899	4.13908	0.0617307	0.21415749	2.7668176	21	1 12.6	20.6
248347 2005 QP_{111}	15.8	X	10.21225	176.35624	339.32212	4.53967	0.0549403	0.21619138	2.7494372	21	1 30.2	19.2
248348 2005 QH_{114}	15.4	X	343.00710	301.32286	5.97964	11.42446	0.1406537	0.17692514	3.1425077	21	7 9.8	19.3
248349 2005 QY_{117}	16.0	X	54.03776	159.56799	150.71054	6.24260	0.1217868	0.19204070	2.9753669	21	11 6.4	20.1
248350 2005 QE_{125}	15.9	X	31.29671	120.90450	159.05306	3.65156	0.1875455	0.18436183	3.0574220	21	9 1.8	19.5
248351 2005 QR_{129}	15.8	X	26.73213	108.39381	142.73998	10.04601	0.0294931	0.17487045	3.1670756	21	6 30.5	20.2
248352 2005 QV_{130}	15.4	X	158.99292	147.28207	3.06246	16.68153	0.0703643	0.17875095	3.1210721	21	8 17.1	20.3
248353 2005 QJ_{132}	15.9	X	330.97792	220.89788	131.52578	6.46019	0.1360516	0.18220211	3.0815351	21	8 18.4	19.4
248354 2005 QY_{136}	16.6	X	41.72121	270.83720	55.14549	2.29950	0.1701636	0.19043847	2.9920322	21	11 14.7	20.4
248355 2005 QD_{142}	15.2	X	304.34300	1.06730	344.24786	12.09279	0.0937301	0.17485927	3.1672106	21	7 3.3	19.6
248356 2005 QC_{143}	15.4	X	292.09612	114.51040	266.36128	8.60289	0.2521821	0.17751802	3.1355069	21	7 5.7	19.5
248357 2005 QD_{146}	15.8	X	96.48431	55.45616	337.39126	16.17864	0.2273799	0.21112813	2.7932211	21	1 24.4	19.5
248358 2005 QV_{147}	15.4	X	152.56599	242.82070	123.75817	15.73279	0.0698286	0.21705692	2.7421232	21	2 1.9	19.3
248359 2005 QQ_{150}	16.2	X	222.82550	181.68937	106.47040	10.46516	0.1902812	0.21960431	2.7208764	21	1 11.7	20.8
248360 2005 QW_{157}	15.6	X	74.78757	258.88905	56.71846	9.17484	0.0785561	0.19564835	2.9386774	21	11 29.7	19.8
248361 2005 QV_{160}	15.3	X	307.84228	318.80276	16.63668	10.52485	0.0920466	0.17458345	3.1705456	21	6 23.7	19.7
248362 2005 QQ_{161}	15.8	X	351.33083	208.32412	129.45879	13.81480	0.1550231	0.18463658	3.0543881	21	9 7.3	19.3
248363 2005 QK_{164}	15.3	X	326.77190	359.88975	326.42728	27.25888	0.1510463	0.17584141	3.1554062	21	7 11.9	19.5
248364 2005 QO_{166}	14.8	X	244.47887	63.31789	344.02255	21.09543	0.0380789	0.17409882	3.1764267	21	7 17.9	19.7
248365 2005 QB_{168}	16.0	X	201.96231	30.81492	249.16145	7.13621	0.1915131	0.21434224	2.7652276	21	—	—
248366 2005 QQ_{169}	15.5	X	66.79213	295.80897	323.09324	15.94193	0.2446314	0.18614395	3.0378764	21	9 26.0	20.1
248367 2005 QG_{170}	15.0	X	308.67163	291.19673	36.29556	14.24661	0.1008058	0.17438152	3.1729927	21	6 11.1	19.4
248368 2005 QO_{170}	15.6	X	138.54442	340.59733	292.33702	11.85638	0.1939178	0.20129884	2.8834242	21	12 20.1	20.6
248369 2005 QG_{173}	16.0	X	276.56527	183.04284	204.98247	8.90487	0.0917807	0.17535110	3.1612855	21	7 17.3	20.5
248370 2005 QN_{173}	16.0	X	9.52873	146.05682	174.30964	0.06701	0.2261565	0.18347914	3.0672199	21	9 21.3	19.1
248371 2005 QA_{180}	15.6	X	322.98055	236.19138	140.03555	10.70310	0.1024876	0.18250970	3.0780718	21	9 10.3	19.4
248372 2005 QD_{189}	16.1	X	71.39863	351.34317	157.67612	10.93768	0.0690735	0.22923873	2.6440971	21	4 23.5	19.5
248373 2005 RT_{7}	14.7	X	257.26781	20.49371	351.46792	12.76136	0.0764034	0.17069935	3.2184602	21	6 5.2	19.6
248374 2005 RF_{11}	15.5	X	354.89383	122.89911	203.94095	14.92042	0.2153966	0.18209776	3.0827122	21	8 22.5	18.9
248375 2005 RA_{19}	16.1	X	17.99107	173.21021	158.13538	3.47685	0.1723627	0.18702339	3.0283456	21	10 17.6	19.6
248376 2005 RV_{20}	15.0	X	288.31396	61.61532	297.14339	12.08894	0.0843994	0.17305508	3.1891857	21	6 28.9	19.4
248377 2005 RV_{26}	15.2	X	342.52743	342.89292	0.44760	14.66890	0.0933628	0.18124081	3.0924217	21	8 31.6	19.1
248378 2005 RQ_{27}	15.6	X	325.04080	52.32360	349.29414	15.03547	0.2475490	0.18309351	3.0715252	21	9 30.1	18.7
248379 2005 RT_{27}	15.0	X	354.19052	345.72798	350.37613	9.21141	0.1315416	0.17939455	3.1136029	21	9 6.7	18.5
248380 2005 RE_{28}	14.9	X	281.81015	168.05486	237.44138	9.95703	0.2065163	0.17633001	3.1495746	21	7 28.1	19.4
248381 2005 SF_{1}	17.3	X	333.00919	132.33773	216.30520	3.80430	0.2105080	0.30525153	2.1845609	21	8 20.7	18.4
248382 2005 SY_{6}	16.1	X	312.50076	118.72010	214.78908	6.80108	0.1926261	0.17333855	3.1857079	21	6 13.7	20.2
248383 2005 SG_{10}	14.7	X	359.48996	240.30621	74.32324	27.61593	0.1308946	0.17959969	3.1112315	21	8 29.8	19.0
248384 2005 SM_{11}	16.1	X	304.60986	309.63560	54.37557	2.21273	0.1965700	0.17655105	3.1469452	21	7 11.6	20.1
248385 2005 SJ_{14}	14.6	X	269.49990	239.35326	166.27105	26.94081	0.2249645	0.17546149	3.1599594	21	7 13.6	19.8
248386 2005 SK_{14}	15.1	X	230.19969	284.43524	150.99968	17.70878	0.2370919	0.17182272	3.2044167	21	7 11.2	20.6
248387 2005 SB_{19}	15.8	X	333.02125	133.29884	194.19323	9.67827	0.2368960	0.17796201	3.1302896	21	7 5.3	19.2
248388 Namtso	16.0	X	334.77406	217.14768	136.76885	3.69488	0.1522477	0.18271044	3.0758169	21	8 26.1	19.3
248389 2005 SV_{21}	15.3	X	270.53990	121.53385	293.24207	8.03784	0.0554859	0.17703076	3.1412577	21	8 17.9	19.7
248390 2005 SK_{23}	16.1	X	53.08622	218.36728	114.45469	2.25088	0.1943350	0.19332731	2.9621513	21	12 11.1	20.4
248391 2005 SV_{23}	15.0	X	209.70554	33.99241	27.66014	13.44267	0.0896862	0.17065824	3.2189770	21	6 13.2	20.1
248392 2005 SY_{34}	15.3	X	307.05291	329.80723	38.72212	12.17104	0.1301409	0.17658254	3.1465711	21	8 4.9	19.5
248393 2005 SR_{37}	15.8	X	337.19378	304.35487	20.68356	5.34635	0.1586555	0.17785114	3.1315903	21	7 21.6	19.4
248394 2005 SM_{38}	15.9	X	158.92901	105.91284	193.95061	3.18237	0.0445309	0.20352392	2.8623698	21	—	—
248395 2005 SG_{46}	15.6	X	14.37490	332.80450	356.91949	6.28465	0.1647424	0.18390226	3.0625135	21	10 5.4	19.0
248396 2005 SM_{60}	16.3	X	28.22044	219.53863	191.98939	5.49442	0.1325395	0.19879545	2.9075806	21	—	—
248397 2005 SN_{65}	16.2	X	102.88579	41.01701	309.60719	5.69904	0.1244276	0.20291367	2.8681058	21	—	—
248398 2005 SW_{69}	15.4	X	325.75598	276.17789	127.00792	17.25340	0.2242980	0.18410867	3.0602241	21	10 18.9	18.9
248399 2005 SC_{73}	15.4	X	324.79618	349.36929	334.64961	10.08989	0.2221406	0.17631384	3.1497671	21	6 17.2	19.1
248400 2005 ST_{73}	15.9	X	47.91664	99.22403	237.12190	12.59496	0.2252713	0.19188936	2.9769311	21	12 12.9	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248401 2005 SP_{75}	15.8	X	326.27873	359.09018	4.24182	4.91023	0.1409931	0.18064453	3.0992230	21	8 25.4	19.3
248402 2005 SC_{97}	15.7	X	349.14264	234.32546	95.40951	2.84717	0.1860608	0.18058079	3.0999523	21	8 19.7	18.9
248403 2005 SJ_{99}	15.4	X	315.87156	347.66623	319.39177	5.13592	0.1436242	0.17016073	3.2252483	21	5 20.9	19.6
248404 2005 SQ_{102}	16.0	X	319.56096	57.07011	297.25436	4.36800	0.1875828	0.17757985	3.1347789	21	7 24.6	19.7
248405 2005 SL_{103}	15.8	X	337.75426	161.74366	179.87584	5.27413	0.1621111	0.17863578	3.1224136	21	8 11.8	19.4
248406 2005 SJ_{105}	15.4	X	331.70990	337.17977	51.47797	9.93666	0.1361387	0.18198706	3.0839622	21	10 11.1	19.1
248407 2005 SO_{118}	16.2	X	35.14541	248.03666	77.87771	5.00248	0.2654219	0.18941066	3.0028463	21	11 20.4	20.1
248408 2005 SG_{121}	16.3	X	22.92235	31.39613	320.94066	3.14834	0.2728613	0.18963309	3.0004977	21	12 6.1	19.8
248409 2005 SN_{141}	15.8	X	7.73800	244.94340	44.32135	5.48115	0.1195689	0.17661255	3.1462145	21	7 29.1	19.6
248410 2005 SM_{152}	17.2	X	66.98307	254.99727	177.04684	7.48498	0.2004183	0.26757990	2.3850659	21	—	—
248411 2005 SV_{159}	14.8	X	305.43907	72.52753	243.31600	9.14296	0.1502163	0.17079672	3.2172368	21	5 17.2	18.9
248412 2005 SE_{165}	16.0	X	331.62218	102.37656	349.20756	16.45349	0.0672090	0.19814721	2.9139186	21	—	—
248413 2005 SM_{169}	17.4	X	216.43864	176.68070	246.57306	2.75671	0.1377578	0.29499104	2.2349278	21	6 19.1	20.5
248414 2005 SN_{177}	15.5	X	235.40954	11.44558	205.09243	17.32464	0.0757487	0.20212445	2.8755670	21	—	—
248415 2005 ST_{180}	15.1	X	353.12352	96.96460	180.80248	10.84576	0.0960751	0.17387216	3.1791866	21	6 17.1	19.2
248416 2005 SS_{187}	15.7	X	294.49290	11.32158	359.21886	5.24670	0.2061113	0.17507763	3.1645766	21	7 4.0	20.0
248417 2005 SK_{204}	16.2	X	277.75711	194.05248	211.61172	1.07409	0.1295809	0.17750318	3.1356816	21	8 6.6	20.4
248418 2005 ST_{205}	16.2	X	358.69104	178.99290	167.44852	8.65475	0.2304339	0.18503403	3.0500126	21	10 7.2	19.1
248419 2005 SX_{205}	15.2	X	212.84254	178.91443	240.44988	12.69240	0.0983196	0.16993190	3.2281431	21	6 14.6	20.3
248420 2005 SG_{206}	15.5	X	12.54707	294.64457	59.87744	9.99239	0.1332173	0.18783184	3.0196498	21	11 4.1	19.1
248421 2005 SK_{215}	15.3	X	283.19139	143.69713	221.79796	16.46367	0.1308458	0.17197157	3.2025674	21	6 21.6	20.0
248422 2005 SL_{217}	15.9	X	14.34622	332.29454	51.83320	2.43739	0.2657985	0.18967529	3.0000527	21	—	—
248423 2005 SE_{218}	15.9	X	259.30928	281.80948	138.57981	3.41157	0.2064470	0.17287843	3.1913579	21	7 23.5	20.8
248424 2005 SW_{220}	15.4	X	42.00803	17.86935	349.56228	13.32447	0.1712047	0.19177874	2.9780758	21	—	—
248425 2005 SZ_{255}	15.4	X	237.08140	66.55136	354.36028	15.88089	0.1206056	0.17455432	3.1708983	21	7 14.5	20.5
248426 2005 SP_{257}	15.2	X	7.04861	100.10441	251.51604	8.50826	0.0827109	0.18307144	3.0717721	21	10 12.3	19.3
248427 2005 SW_{260}	15.1	X	305.32405	308.29445	13.64257	19.02293	0.1594827	0.17082262	3.2169117	21	5 17.3	19.6
248428 2005 SK_{269}	15.4	X	300.91198	80.43834	297.85088	11.51534	0.1900714	0.17849134	3.1240978	21	7 25.2	19.1
248429 2005 SS_{280}	15.6	X	261.86435	109.33368	275.10038	14.94351	0.1426492	0.17131220	3.2107797	21	6 19.9	20.3
248430 2005 SM_{284}	15.2	X	145.14606	150.17465	74.69375	10.01497	0.1311783	0.12489348	3.9637800	21	10 25.3	21.4
248431 2005 TB_{2}	16.2	X	61.91178	223.76307	203.22639	3.75662	0.1349628	0.20640530	2.8356687	21	—	—
248432 2005 TO_{5}	15.4	X	344.25711	85.61924	261.29605	7.66202	0.1136377	0.18017773	3.1045737	21	8 30.1	19.3
248433 2005 TY_{9}	15.5	X	256.69388	118.80132	288.70775	8.42988	0.0869205	0.17390883	3.1787396	21	7 19.6	20.0
248434 2005 TW_{12}	15.4	X	308.83165	117.07399	313.99302	13.15152	0.1781590	0.18537177	3.0463068	21	10 12.8	19.3
248435 2005 TM_{22}	15.9	X	289.95105	246.99953	199.23856	11.27234	0.2102971	0.18444311	3.0565237	21	10 3.2	19.5
248436 2005 TN_{23}	15.1	X	307.70075	14.17143	44.15081	28.40967	0.1305924	0.18053464	3.1004806	21	10 17.1	19.2
248437 2005 TL_{25}	15.8	X	232.79573	70.22992	41.79683	2.11538	0.1413454	0.17566705	3.1574938	21	9 5.9	20.5
248438 2005 TS_{36}	15.8	X	99.93163	332.34360	31.89519	12.56361	0.0859456	0.20341838	2.8633598	21	—	—
248439 2005 TY_{40}	15.3	X	260.76576	319.83211	117.92307	6.67626	0.1000153	0.16672609	3.2693921	21	8 31.8	20.0
248440 2005 TN_{51}	15.7	X	325.80226	133.40547	220.36294	11.95488	0.1837463	0.17715280	3.1398148	21	7 31.5	19.6
248441 2005 TC_{55}	16.5	X	116.13550	311.24561	65.18649	0.66980	0.0851228	0.20864386	2.8153495	21	1 4.9	20.4
248442 2005 TR_{57}	16.0	X	320.10806	289.46730	39.01639	5.57044	0.1660991	0.17359077	3.1826213	21	6 23.1	20.0
248443 2005 TK_{61}	15.8	X	40.98277	295.84859	348.39108	4.40706	0.1493904	0.18192909	3.0846173	21	9 16.8	19.6
248444 2005 TT_{72}	15.2	X	40.33237	240.82723	57.86328	16.39479	0.2062571	0.18385307	3.0630597	21	10 19.9	19.3
248445 2005 TC_{73}	15.7	X	76.44565	236.90349	117.74274	8.52798	0.1376479	0.19693885	2.9258257	21	—	—
248446 2005 TS_{76}	15.1	X	11.96504	258.25525	45.49963	18.73458	0.0639953	0.17985257	3.1083145	21	8 30.6	19.5
248447 2005 TL_{104}	15.3	X	11.52438	334.70204	5.84886	16.33708	0.0766632	0.18259675	3.0770934	21	10 5.7	19.2
248448 2005 TT_{104}	15.3	X	332.40187	126.68804	245.30648	9.10434	0.2091505	0.18173706	3.0867897	21	9 6.1	18.7
248449 2005 TJ_{118}	16.3	X	1.52741	68.22224	218.46801	3.75766	0.1937427	0.17628550	3.1501047	21	7 12.9	19.7
248450 2005 TF_{133}	15.1	X	308.81756	85.66236	264.06346	12.99809	0.0939881	0.17448763	3.1717062	21	7 11.8	19.4
248451 2005 TH_{152}	14.7	X	294.88042	319.22457	100.54498	17.28351	0.0528571	0.17122990	3.2118085	21	10 6.5	19.4
248452 2005 TR_{161}	17.4	X	69.97497	101.34235	359.86505	4.82325	0.1878373	0.27259421	2.3557270	21	2 17.8	19.3
248453 2005 TX_{172}	16.1	X	334.70945	65.99481	316.30807	3.17010	0.3202229	0.18195887	3.0842807	21	9 22.4	18.6
248454 2005 TN_{177}	15.2	X	325.10214	271.74971	62.56911	13.21523	0.1039668	0.17773661	3.1329355	21	7 18.6	19.3
248455 2005 TJ_{189}	15.6	X	304.88684	46.47967	330.53759	9.78220	0.1852783	0.17637631	3.1490234	21	8 1.7	19.6
248456 2005 TM_{193}	15.3	X	274.58608	21.01674	39.45023	18.07442	0.1420292	0.18001300	3.1064674	21	8 30.3	19.9
248457 2005 UU_{12}	15.7	X	295.14836	83.80054	329.86891	20.57337	0.1720104	0.18040959	3.1019131	21	9 1.6	19.8
248458 2005 UK_{30}	15.2	X	334.38356	31.16054	47.77086	9.63245	0.1035654	0.18801793	3.0176570	21	12 17.1	18.9
248459 2005 UJ_{35}	16.1	X	77.33682	281.29736	55.47415	2.35865	0.1222907	0.19191397	2.9766766	21	—	—
248460 2005 UP_{39}	15.3	X	20.69173	160.50412	227.82908	9.61345	0.1008201	0.18851368	3.0123641	21	12 22.6	19.3
248461 2005 UU_{53}	15.8	X	301.93498	327.16905	132.93177	2.70645	0.1778481	0.18728501	3.0255247	21	11 17.0	19.2
248462 2005 UD_{54}	15.0	X	330.97022	302.87573	46.01521	11.58792	0.1094845	0.17592490	3.1544078	21	8 20.4	19.1
248463 2005 UN_{55}	15.2	X	35.94439	149.96998	237.23996	9.08680	0.1042593	0.19197041	2.9760931	21	—	—
248464 2005 UM_{66}	15.5	X	288.34530	172.21047	201.21291	5.17782	0.1540108	0.17086622	3.2163644	21	7 5.9	19.9
248465 2005 UT_{69}	15.1	X	322.40867	17.70655	315.16928	9.08887	0.1111466	0.17425566	3.1745204	21	7 11.1	19.1
248466 2005 UT_{71}	15.5	X	288.77836	100.28943	337.81164	9.08362	0.1482224	0.18167750	3.0874643	21	9 27.8	19.5
248467 2005 UY_{74}	14.8	X	344.52631	88.26869	244.28363	14.12199	0.0440672	0.17339871	3.1849709	21	8 10.4	19.4
248468 2005 UT_{75}	14.6	X	238.16040	176.66541	256.96256	18.60316	0.1462954	0.17210917	3.2008602	21	7 19.7	19.8
248469 2005 US_{78}	15.7	X	309.17074	146.06746	215.57351	16.52773	0.2482359	0.17466000	3.1696191	21	7 4.0	20.0
248470 2005 UM_{81}	15.2	X	22.88240	143.02779	158.62671	6.60283	0.1249841	0.18094299	3.0958140	21	9 8.8	18.9
248471 2005 UO_{81}	15.3	X	293.78635	210.07586	174.96613	14.77878	0.0608183	0.17682762	3.1436630	21	8 9.7	19.8
248472 2005 UY_{82}	16.3	X	15.44971	135.94477	173.35863	1.10347	0.1085026	0.17795407	3.1303827	21	9 4.5	20.0
248473 2005 UZ_{84}	16.1	X	334.63527	100.20061	202.96085	4.70858	0.1206147	0.16976211	3.2302951	21	6 18.7	20.1
248474 2005 UK_{100}	15.8	X	351.57260	175.01971	196.82254	9.97677	0.0533825	0.18150699	3.0893976	21	10 17.4	19.8
248475 2005 UE_{105}	16.7	X	15.84407	219.57261	86.50857	5.88408	0.2700851	0.24131143	2.5551562	21	10 4.9	19.0
248476 2005 UN_{112}	15.9	X	355.62540	91.33688	239.22890	14.64301	0.2497327	0.17779189	3.1322860	21	8 27.3	19.2
248477 2005 UF_{121}	14.8	X	15.74009	50.53442	222.53359	27.79107	0.2188545	0.17320274	3.1873729	21	7 17.1	18.9
248478 2005 UH_{126}	16.2	X	270.49521	207.24362	216.00524	0.30869	0.1599202	0.17374698	3.1807134	21	8 15.4	20.5
248479 2005 UQ_{159}	15.3	X	335.47579	184.96669	181.76403	11.46310	0.0820969	0.17974674	3.1095344	21	9 15.5	19.1
248480 2005 UL_{167}	15.5	X	244.52197	165.41213	36.72838	17.99276	0.0496052	0.19682546	2.9269493	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248481 2005 UB_{211}	16.2	X	61.32977	230.58625	77.95784	3.89149	0.2656855	0.18712563	3.0272424	21	11 29.2	20.7
248482 2005 UE_{215}	15.4	X	330.59286	190.71792	144.70358	9.44403	0.1508404	0.17492964	3.1663612	21	7 22.2	19.2
248483 2005 UG_{216}	15.5	X	56.74823	130.32348	214.74729	8.32382	0.1147240	0.18984884	2.9982241	21	12 18.4	19.8
248484 2005 UU_{237}	15.1	X	199.72513	312.88494	75.73455	11.12846	0.0990092	0.15722541	3.3998067	21	4 29.6	20.4
248485 2005 UM_{243}	15.1	X	224.72315	337.29899	36.19581	9.71606	0.1055172	0.15827240	3.3847967	21	5 1.9	20.3
248486 2005 UY_{261}	16.5	X	111.66650	175.22116	129.50653	2.24785	0.0369800	0.19310214	2.9644536	21	12 23.9	20.7
248487 2005 UA_{273}	15.5	X	93.29218	231.48069	62.50486	19.96315	0.1107708	0.18598533	3.0396034	21	11 26.5	20.0
248488 2005 UH_{292}	17.4	X	71.43934	238.54819	301.73091	2.85097	0.0824293	0.28622026	2.2803550	21	5 31.9	19.9
248489 2005 UA_{295}	16.0	X	335.25499	324.35218	18.45363	3.38328	0.1841969	0.17560648	3.1582198	21	8 9.4	19.4
248490 2005 UK_{308}	16.3	X	75.18365	99.13923	248.55789	1.47091	0.1471370	0.19299419	2.9655589	21	—	—
248491 2005 UA_{349}	15.2	X	266.48901	63.20997	334.89314	21.69422	0.1877345	0.17270727	3.1934661	21	7 11.9	20.2
248492 2005 UH_{350}	14.9	X	271.16096	172.34597	204.81458	27.65264	0.1720306	0.17395198	3.1782140	21	6 14.9	20.1
248493 2005 UF_{352}	15.1	X	78.47345	300.04601	350.34992	9.56539	0.0683313	0.18463795	3.0543730	21	10 28.4	19.6
248494 2005 UJ_{360}	15.2	X	286.02993	84.93232	119.55976	6.42074	0.1264967	0.18623301	3.0369078	21	—	—
248495 2005 UK_{360}	15.7	X	19.18525	205.63976	316.43027	15.55731	0.1434021	0.19639284	2.9312461	21	2 18.5	19.0
248496 2005 UQ_{365}	15.6	X	162.41765	193.81318	54.85079	23.83808	0.1016580	0.19026466	2.9938541	21	12 7.9	20.4
248497 2005 UB_{397}	15.4	X	304.05721	260.38370	168.38542	12.38086	0.1338615	0.18080810	3.0973536	21	10 16.4	19.3
248498 2005 UO_{399}	17.2	X	99.42022	54.95704	357.45571	9.09409	0.2279881	0.27299988	2.3533928	21	2 8.3	19.7
248499 2005 UN_{445}	15.4	X	32.56316	17.26210	318.48207	12.92385	0.2338763	0.18662600	3.0326430	21	11 19.7	19.5
248500 2005 UK_{448}	15.7	X	26.51479	140.00685	278.41672	6.94285	0.0635112	0.19743292	2.9209425	21	—	—
248501 2005 UX_{478}	15.4	X	285.30808	186.42315	177.06232	10.73454	0.1177047	0.17041849	3.2219954	21	6 25.1	20.0
248502 2005 UJ_{480}	14.9	X	339.29939	350.54660	343.80465	27.45018	0.0846997	0.17553829	3.1590377	21	8 18.6	19.1
248503 2005 UN_{480}	15.5	X	352.03421	92.94174	300.10852	20.04119	0.2266751	0.18918312	3.0052536	21	11 23.7	18.9
248504 2005 UO_{481}	15.1	X	314.61789	253.01019	98.07343	20.17181	0.1826452	0.17442834	3.1724250	21	7 12.1	19.0
248505 2005 UU_{482}	16.0	X	326.42848	346.32463	14.11433	0.82718	0.1795060	0.17824943	3.1269237	21	8 16.4	19.3
248506 2005 UJ_{492}	16.0	X	288.88801	246.27974	172.48458	14.07412	0.1934105	0.17595261	3.1540767	21	8 27.9	20.2
248507 2005 UN_{496}	15.9	X	351.41503	213.63348	151.07083	11.41688	0.1048220	0.18308923	3.0715731	21	10 12.9	19.8
248508 2005 UY_{504}	16.7	X	184.18628	21.31204	111.70583	2.83780	0.1231965	0.21926823	2.7236559	21	8 17.3	20.8
248509 2005 UT_{514}	16.3	X	4.79930	122.06470	171.95018	10.62245	0.2491498	0.17845277	3.1245479	21	8 1.5	19.4
248510 2005 UN_{519}	16.2	X	310.73757	226.50623	136.51882	11.03135	0.1034045	0.17379131	3.1801725	21	8 1.5	20.4
248511 2005 VN_{14}	15.5	X	72.68289	278.92833	75.32778	7.95150	0.0051153	0.19167792	2.9791200	21	—	—
248512 2005 VG_{17}	15.1	X	8.52597	308.60465	67.24206	11.33290	0.1412642	0.18628844	3.0363053	21	11 24.4	18.6
248513 2005 VC_{53}	15.2	X	29.66560	309.65689	80.54004	12.06826	0.0614899	0.18972254	2.9995545	21	—	—
248514 2005 VV_{76}	16.0	X	98.16847	214.20344	242.89027	24.41828	0.2111431	0.27609959	2.3357456	21	3 26.8	19.4
248515 2005 VX_{77}	15.4	X	6.89794	300.92543	15.59457	10.98887	0.1727044	0.17826705	3.1267177	21	9 8.7	18.9
248516 2005 VU_{82}	17.0	X	306.56033	359.23761	38.71796	6.41729	0.2404867	0.24013143	2.5635200	21	9 1.4	19.5
248517 2005 VA_{121}	16.2	X	300.65227	261.04498	149.68622	14.36574	0.1686565	0.24073024	2.5592671	21	9 20.1	18.9
248518 2005 WC_{10}	15.3	X	27.15113	265.21795	69.26747	9.88885	0.1392574	0.17974887	3.1095098	21	11 1.2	19.3
248519 2005 WB_{18}	15.5	X	359.82122	305.03630	74.25433	3.14208	0.1578481	0.18234296	3.0799480	21	11 15.1	18.9
248520 2005 WY_{25}	15.7	X	290.46899	219.04814	265.19382	8.25116	0.1029762	0.18588233	3.0407262	21	12 7.2	19.6
248521 2005 WL_{54}	17.0	X	40.30660	99.58095	255.12759	18.95057	0.1329325	0.37604679	1.9009679	21	—	—
248522 2005 WS_{60}	15.4	X	330.64100	246.36493	106.24447	14.25601	0.2445076	0.17903382	3.1177839	21	8 8.2	18.6
248523 2005 WG_{88}	16.0	X	267.54556	345.94134	113.99220	2.20489	0.1302746	0.17469682	3.1691737	21	10 2.3	20.5
248524 2005 WC_{98}	15.6	X	283.17089	34.82714	78.10985	5.37064	0.2469298	0.18050895	3.1007748	21	10 23.9	19.5
248525 2005 WA_{105}	15.5	X	310.39666	252.77195	98.62288	10.81414	0.2100889	0.17354071	3.1832332	21	7 1.4	19.4
248526 2005 WR_{108}	14.6	X	230.86929	17.04538	102.69672	14.18035	0.1248389	0.17050187	3.2209448	21	9 20.1	19.7
248527 2005 WC_{121}	17.2	X	254.82959	137.89293	219.51568	6.34631	0.1903202	0.28932255	2.2640248	21	4 27.0	20.3
248528 2005 WY_{121}	15.0	X	177.38837	104.53553	76.01272	26.53775	0.2341004	0.17271073	3.1934234	21	10 16.5	21.0
248529 2005 WU_{134}	14.7	X	230.97433	195.59882	276.87036	18.63419	0.0991127	0.16874268	3.2432923	21	8 28.8	19.9
248530 2005 WQ_{147}	15.3	X	309.05446	228.50453	215.10880	13.49630	0.1265129	0.18307254	3.0717597	21	11 11.8	19.1
248531 2005 WU_{148}	15.5	X	17.73154	231.16666	75.50930	3.06889	0.0550066	0.16962494	3.2320364	21	9 1.1	19.8
248532 2005 WH_{152}	15.5	X	335.73159	84.59528	242.83898	19.90987	0.3763887	0.17728277	3.1382800	21	6 19.0	18.3
248533 2005 WL_{180}	14.6	X	220.62917	269.70515	244.96087	20.47886	0.2035001	0.17642058	3.1484965	21	10 2.5	20.1
248534 2005 WU_{180}	15.7	X	286.93886	253.24571	165.76542	10.24738	0.2225724	0.17496765	3.1659026	21	8 21.2	20.0
248535 2005 WN_{184}	15.1	X	337.10177	83.72158	248.01625	13.63124	0.1659414	0.17326685	3.1865866	21	7 23.9	19.0
248536 2005 WL_{185}	15.6	X	99.78541	210.91138	348.30228	24.26663	0.2615732	0.27807055	2.3246954	21	9 3.7	19.2
248537 2005 WM_{185}	15.0	X	43.96015	241.18942	82.72183	11.30461	0.1168193	0.18239075	3.0794100	21	11 9.2	19.2
248538 2005 WU_{185}	16.6	X	3.80663	253.08209	229.52376	9.48227	0.1201794	0.25988131	2.4319390	21	—	—
248539 2005 WP_{190}	15.1	X	325.50170	59.50131	325.38682	15.69126	0.2439211	0.18162478	3.0880618	21	9 6.6	18.3
248540 2005 WY_{195}	16.6	X	224.61821	300.31340	91.28154	6.05003	0.1273359	0.21973015	2.7198374	21	5 20.9	20.8
248541 2005 XW_{1}	16.2	X	11.16078	292.72851	38.78257	0.17088	0.1747560	0.18208177	3.0828927	21	10 4.0	19.5
248542 2005 XK_{3}	15.5	X	319.10835	90.59421	289.71313	8.14084	0.2338740	0.17702296	3.1413500	21	8 19.6	19.0
248543 2005 XU_{5}	16.8	X	280.17827	271.91502	121.00220	3.89842	0.1490260	0.23230394	2.6207866	21	7 23.1	20.2
248544 2005 XJ_{24}	15.7	X	352.34165	102.89531	289.30666	14.90227	0.2400868	0.18174793	3.0866667	21	11 22.9	19.0
248545 2005 XR_{26}	17.0	X	189.85698	192.19652	286.61038	8.36947	0.1152976	0.29002140	2.2603864	21	8 5.0	20.2
248546 2005 XC_{28}	16.0	X	314.86056	49.98416	338.83226	4.17405	0.1429404	0.17692765	3.1424780	21	9 6.8	19.7
248547 2005 XO_{41}	15.1	X	272.41185	15.89358	95.69905	13.88106	0.1215830	0.17978741	3.1090654	21	10 30.2	19.5
248548 2005 XE_{54}	15.0	X	301.62642	315.49421	92.66359	28.68294	0.2078745	0.17158320	3.2073981	21	9 14.2	19.6
248549 2005 XY_{76}	15.6	X	63.36642	302.45483	45.12556	10.24440	0.0671688	0.18951464	3.0017478	21	12 22.3	19.9
248550 2005 XS_{92}	12.9	X	29.32974	81.63285	172.89197	26.17089	0.0209542	0.08155053	5.2664527	21	7 6.8	20.1
248551 2005 XH_{115}	16.5	X	359.96557	302.58912	356.40605	3.33062	0.0470125	0.21442854	2.7644856	21	7 28.3	19.9
248552 2005 YA	14.8	X	35.97626	205.04527	84.01209	28.32141	0.1499986	0.17263290	3.1943831	21	10 2.3	19.5
248553 2005 YN_{16}	17.2	X	92.77997	311.53315	289.16134	6.29414	0.1454514	0.29005030	2.2602363	21	10 3.6	20.4
248554 2005 YW_{34}	15.4	X	312.09131	319.11084	140.87251	17.83848	0.2676653	0.18147465	3.0897646	21	11 28.9	18.8
248555 2005 YV_{37}	14.8	X	139.24943	293.87906	276.79953	12.79769	0.0723114	0.17366954	3.1816588	21	9 25.1	19.9
248556 2005 YU_{95}	16.3	X	213.31121	253.63031	92.28667	11.66931	0.1805313	0.20949876	2.8076852	21	3 19.0	21.2
248557 2005 YA_{107}	16.4	X	235.43870	245.70251	103.10716	8.91505	0.2225592	0.21608957	2.7503007	21	4 6.3	21.2
248558 2005 YV_{125}	15.2	X	284.61022	325.45802	88.82826	11.10420	0.1209680	0.16895242	3.2406076	21	9 1.8	19.7
248559 2005 YR_{147}	16.9	X	316.83460	182.61408	30.34809	2.88795	0.1035215	0.26298929	2.4127409	21	1 13.3	20.0
248560 2005 YB_{175}	15.1	X	323.85148	288.04324	131.27052	20.05670	0.2221999	0.17784362	3.1316786	21	11 5.5	18.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248561 2005 YW_{204}	15.7	X	91.67754	313.52726	152.68572	8.93361	0.1367546	0.20159174	2.8806306	21	4 7.8	19.6
248562 2005 YZ_{208}	15.6	X	247.95754	304.68848	186.67229	9.70186	0.2097845	0.17407050	3.1767712	21	10 6.6	20.3
248563 2005 YE_{211}	16.0	X	242.05664	154.81608	337.33535	13.58505	0.1843313	0.23249203	2.6193729	21	10 4.4	19.9
248564 2005 YD_{257}	16.5	X	71.64598	4.95203	151.26576	7.19687	0.0584610	0.20914794	2.8108240	21	5 3.2	20.3
248565 2005 YH_{289}	15.9	X	286.13374	304.23424	124.49307	1.67481	0.1759112	0.17019145	3.2248601	21	9 10.0	20.2
248566 2006 AF_{3}	16.9	X	298.95437	34.06556	322.75564	16.93731	0.0805145	0.35118073	1.9896756	21	7 17.3	18.8
248567 2006 AL_{22}	15.8	X	273.12001	64.76505	41.05511	11.87225	0.2851886	0.17438595	3.1729390	21	9 27.9	20.3
248568 2006 AH_{45}	16.1	X	177.07100	284.85461	126.75616	9.75498	0.0461652	0.21215159	2.7842305	21	4 29.8	20.3
248569 2006 AU_{74}	14.7	X	235.40767	297.67886	274.81379	16.89740	0.2818937	0.17578344	3.1561000	21	12 19.9	19.7
248570 2006 AY_{83}	15.6	X	278.97980	86.23030	355.43462	5.20731	0.1353595	0.17172282	3.2056594	21	9 21.9	20.0
248571 2006 AL_{87}	15.2	X	98.71453	297.19619	80.65299	2.39351	0.1157987	0.12855317	3.8881903	21	1 7.3	20.5
248572 2006 AA_{92}	15.4	X	168.56441	161.44266	316.44480	4.86318	0.0737690	0.15574847	3.4212661	21	7 11.7	20.6
248573 2006 BY_{12}	17.2	X	73.34864	270.43036	290.32909	1.97343	0.1023232	0.27780999	2.3261487	21	7 9.2	19.8
248574 2006 BC_{27}	17.4	X	282.17693	243.90521	118.20084	5.03782	0.0780322	0.34701778	2.0055565	21	6 22.6	19.3
248575 2006 BC_{33}	13.4	X	337.86654	308.36004	346.96135	27.87946	0.1282874	0.08128797	5.2777871	21	6 15.6	20.2
248576 2006 BY_{58}	15.6	X	159.00642	257.32132	335.32259	28.10445	0.1172312	0.23248133	2.6194533	21	11 13.9	20.3
248577 2006 BB_{63}	16.4	X	214.20405	303.77211	252.62178	10.83515	0.2465988	0.23615313	2.5922303	21	11 23.4	20.4
248578 2006 BT_{89}	16.2	X	304.29678	334.27637	89.74994	1.75232	0.2729273	0.17201521	3.2020257	21	9 17.8	19.8
248579 2006 BS_{120}	15.7	X	38.97460	271.27606	193.09397	3.89317	0.0069303	0.19105875	2.9855528	21	1 9.5	19.8
248580 2006 BF_{156}	17.5	X	125.45017	192.35487	112.31804	2.95815	0.1945235	0.30264417	2.1970900	21	—	—
248581 2006 BU_{187}	15.8	X	61.94456	86.90522	31.99713	4.71366	0.0828041	0.19753339	2.9199519	21	3 5.4	19.5
248582 2006 BO_{211}	17.5	X	120.48875	259.46332	47.26823	2.51916	0.1875266	0.30161075	2.2021058	21	—	—
248583 2006 BX_{211}	17.2	X	8.90724	253.79292	5.51792	3.00684	0.2412568	0.27096954	2.3651339	21	6 17.5	18.3
248584 2006 BR_{219}	16.3	X	122.53941	232.50619	349.89305	22.81096	0.2455552	0.28609010	2.2810466	21	10 9.5	20.4
248585 2006 BN_{223}	16.1	X	159.12385	184.32077	149.56361	5.74858	0.0299269	0.18974577	2.9993098	21	—	—
248586 2006 BU_{223}	16.1	X	344.15228	25.72441	151.55294	2.33057	0.0861881	0.19370617	2.9582877	21	1 21.6	19.9
248587 2006 BQ_{249}	17.5	X	183.91150	310.43678	297.75621	3.91319	0.1567615	0.30576527	2.1821132	21	—	—
248588 2006 BH_{251}	16.8	X	146.98908	97.93412	143.32797	2.85621	0.1500316	0.23177096	2.6248029	21	11 24.2	20.9
248589 2006 BZ_{275}	16.1	X	255.50483	191.57828	168.39643	3.31589	0.1834843	0.21056435	2.7982048	21	5 7.9	20.3
248590 2006 CS	16.5	X	20.91146	346.39866	172.40999	52.30989	0.6979055	0.19818553	2.9135429	21	—	—
248591 2006 CH_{40}	17.3	X	161.85595	150.12765	113.23241	3.93639	0.1156393	0.30118698	2.2041708	21	—	—
248592 2006 CP_{41}	16.9	X	234.28078	253.89799	293.77138	2.76737	0.1465178	0.23770091	2.5809652	21	12 16.3	20.3
248593 2006 CP_{66}	17.5	X	77.63599	68.81944	206.10632	1.84743	0.1983371	0.28297526	2.2977551	21	11 10.0	20.8
248594 2006 DV_{10}	17.2	X	52.37670	19.48515	143.99005	5.70336	0.1630898	0.26712762	2.3877573	21	4 19.1	19.4
248595 2006 DE_{14}	17.0	X	158.43271	78.89523	151.13341	4.61465	0.1003975	0.29462459	2.2367806	21	12 1.6	20.2
248596 2006 DL_{14}	16.7	X	123.03882	226.84124	12.77898	6.67773	0.1537717	0.28996530	2.2606779	21	11 4.9	20.1
248597 2006 DG_{22}	16.4	X	299.10594	322.69728	21.26671	4.55642	0.0801664	0.21400095	2.7681667	21	6 23.6	20.1
248598 2006 DG_{28}	17.1	X	103.48198	250.32620	6.84259	4.26710	0.1948085	0.28718592	2.2752404	21	11 11.2	20.7
248599 2006 DK_{31}	16.7	X	256.47190	121.66814	339.76131	6.46591	0.0752218	0.22816713	2.6523693	21	10 1.1	20.3
248600 2006 DL_{31}	17.1	X	131.65584	269.60614	338.80144	5.07444	0.1655871	0.29201655	2.2500789	21	11 24.9	20.6
248601 2006 DH_{32}	16.5	X	334.80952	103.37073	262.17611	0.62600	0.0313411	0.22309586	2.6924131	21	9 19.7	19.9
248602 2006 DN_{38}	16.7	X	103.15172	79.32167	152.18030	7.04002	0.1936803	0.28373565	2.2936480	21	10 12.3	20.2
248603 2006 DB_{43}	13.6	X	347.15362	127.09020	151.74369	9.08753	0.0491802	0.08224016	5.2369702	21	6 14.6	20.4
248604 2006 DF_{49}	16.6	X	267.57575	55.14952	38.70429	4.29832	0.1585188	0.23068719	2.6330174	21	9 27.0	19.9
248605 2006 DB_{55}	16.7	X	230.82268	52.00608	356.77185	3.88850	0.0688708	0.21293967	2.7773567	21	6 23.1	20.8
248606 2006 DL_{67}	16.8	X	118.15285	246.60943	8.99911	6.02157	0.1466502	0.29065787	2.2570854	21	11 20.5	20.3
248607 2006 DU_{73}	16.9	X	136.71565	106.37758	149.10575	5.05763	0.2198864	0.29264438	2.2468595	21	12 10.1	20.7
248608 2006 DM_{95}	16.4	X	171.57558	23.10085	180.11775	12.89239	0.1148244	0.22621172	2.6676324	21	11 2.8	20.6
248609 2006 DJ_{110}	15.1	X	174.00099	283.52248	352.41636	21.82243	0.0171588	0.17889650	3.1193791	21	—	—
248610 2006 DJ_{120}	17.2	X	166.65805	143.84222	70.90333	3.76287	0.1487498	0.29357413	2.2421132	21	11 17.4	20.5
248611 2006 DL_{131}	16.2	X	280.26427	317.32820	66.74135	5.80483	0.1258556	0.21928519	2.7235155	21	7 15.3	19.8
248612 2006 DO_{135}	17.6	X	124.19283	275.74166	24.53888	1.80186	0.2327795	0.30065920	2.2067496	21	—	—
248613 2006 DB_{136}	17.0	X	217.21551	126.14719	6.22926	1.46464	0.1530382	0.22800970	2.6535901	21	9 16.9	21.0
248614 2006 DY_{141}	16.5	X	223.15745	264.63229	129.47498	4.98296	0.2133574	0.21225997	2.7832827	21	5 18.6	21.2
248615 2006 DB_{150}	16.2	X	325.22153	192.78621	196.79754	6.14792	0.1751020	0.22698608	2.6615619	21	10 1.4	18.8
248616 2006 DC_{153}	16.8	X	110.21907	73.83824	195.19807	5.48237	0.1601782	0.28965878	2.2622725	21	12 2.5	20.2
248617 2006 DC_{193}	16.1	X	244.03156	40.05220	8.91241	7.47937	0.0940063	0.21401826	2.7680175	21	7 7.4	20.2
248618 2006 DM_{215}	17.5	X	110.32189	89.35653	183.09728	6.10459	0.1211176	0.28991294	2.2609501	21	12 5.3	20.8
248619 2006 EA_{2}	17.3	X	122.13990	259.75358	31.65856	3.92995	0.1248789	0.29752905	2.2221999	21	—	—
248620 2006 ET_{17}	17.9	X	68.04548	110.41548	166.85007	2.48049	0.2252899	0.28260486	2.2997624	21	11 6.6	21.1
248621 2006 EY_{19}	16.5	X	155.77013	342.46337	176.67438	3.45719	0.1302213	0.21678094	2.7444500	21	8 20.7	20.9
248622 2006 EC_{40}	16.6	X	335.21274	161.51941	218.21620	3.72899	0.0737875	0.22591616	2.6699585	21	10 8.9	19.8
248623 2006 EO_{44}	17.1	X	144.43949	68.44628	201.38453	3.56260	0.1404724	0.29607837	2.2294527	21	—	—
248624 2006 EP_{56}	17.4	X	157.05938	115.58476	183.95468	6.35836	0.1613609	0.30591199	2.1814155	21	—	—
248625 2006 FM	16.1	X	289.27594	80.92018	69.07872	13.21629	0.1266453	0.24322678	2.5417244	21	—	—
248626 2006 FL_{3}	16.1	X	291.12136	105.10744	188.54950	4.07233	0.0782829	0.19726127	2.9226367	21	4 8.8	20.0
248627 2006 FR_{4}	17.3	X	85.07810	112.40403	121.32918	3.17388	0.2607400	0.27857225	2.3219034	21	10 2.8	20.8
248628 2006 FJ_{11}	17.3	X	64.12930	208.77604	76.41927	3.39767	0.1813897	0.28359839	2.2943881	21	11 7.3	20.3
248629 2006 FT_{16}	16.5	X	72.55708	102.31222	190.23314	22.75453	0.2311894	0.28469901	2.2884710	21	12 1.8	20.4
248630 2006 FD_{21}	17.3	X	160.66271	245.78100	9.89298	6.07256	0.1477015	0.29699873	2.2248445	21	—	—
248631 2006 FL_{24}	17.2	X	94.93404	73.04584	150.60824	2.90646	0.1154450	0.27859682	2.3217669	21	9 12.5	20.3
248632 2006 FL_{28}	16.3	X	269.66474	351.03056	44.26956	5.00944	0.0746778	0.21111673	2.7933217	21	7 24.6	20.2
248633 2006 FJ_{43}	17.1	X	56.99538	166.55123	110.34583	3.30963	0.1838972	0.28001034	2.3139466	21	10 19.3	20.0
248634 2006 FU_{48}	15.0	X	295.88582	43.76375	120.15934	22.86659	0.1916514	0.17546243	3.1599482	21	—	—
248635 2006 FJ_{52}	16.1	X	80.87360	56.15486	217.63550	23.41475	0.2180100	0.28365166	2.2941008	21	11 14.1	19.5
248636 2006 FQ_{53}	17.8	X	94.39168	78.21967	194.45105	2.27335	0.1737840	0.28512362	2.2861984	21	11 21.9	21.3
248637 2006 GD_{2}	17.1	X	88.86235	317.70390	264.29202	9.35167	0.2722603	0.27720829	2.3295135	21	9 15.6	20.9
248638 2006 GO_{12}	16.8	X	59.48959	166.51817	125.03642	3.29925	0.0774437	0.21937170	2.7227994	21	10 17.6	20.4
248639 2006 GE_{27}	17.5	X	95.94724	143.40376	176.12136	4.28170	0.1377496	0.29282004	2.2459608	21	—	—
248640 2006 GH_{31}	16.9	X	38.89083	2.59227	203.13680	6.22422	0.3016377	0.26576755	2.3958967	21	6 18.7	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248641 2006 GF_{40}	16.0	X	66.61439	234.80440	358.64657	7.44028	0.1685304	0.20971975	2.8057125	21	8 24.9	19.7
248642 2006 GG_{40}	16.5	X	136.06717	216.82025	353.32597	5.60663	0.1051931	0.28420484	2.2911230	21	10 8.9	19.8
248643 2006 GR_{40}	16.9	X	50.94141	152.25591	93.30287	14.05755	0.1975910	0.27236272	2.3570616	21	9 1.9	19.8
248644 2006 HH_{2}	16.8	X	102.46486	163.82796	106.94117	7.11215	0.1644459	0.28567264	2.2832683	21	11 27.7	20.3
248645 2006 HK_{4}	16.4	X	153.91689	341.16822	175.68543	3.46844	0.1300210	0.21668536	2.7452570	21	8 15.9	20.6
248646 2006 HP_{7}	17.0	X	54.76895	88.27518	171.47383	10.31336	0.2072869	0.27617529	2.3353187	21	9 24.6	19.6
248647 2006 HL_{19}	16.6	X	265.02716	35.63229	159.77628	5.71554	0.0489887	0.23915820	2.5704700	21	—	—
248648 2006 HL_{38}	17.0	X	192.24686	109.77599	179.94008	8.38356	0.1581963	0.23999566	2.5644867	21	—	—
248649 2006 HW_{41}	16.6	X	47.96237	206.00777	113.11210	9.13900	0.1638754	0.28142243	2.3061997	21	12 1.2	19.6
248650 2006 HC_{47}	17.4	X	93.09565	114.58024	151.88459	2.67446	0.1448095	0.28379139	2.2933477	21	11 10.7	20.7
248651 2006 HN_{54}	15.0	X	220.58966	195.30030	98.74925	24.52499	0.1044984	0.18077290	3.0977558	21	1 23.7	20.0
248652 2006 HQ_{56}	17.3	X	144.66864	150.56373	102.69148	4.19156	0.1535575	0.29125760	2.2539859	21	12 14.4	20.6
248653 2006 HD_{57}	16.7	X	207.31727	69.08258	203.52236	11.41601	0.2406290	0.23816291	2.5776264	21	—	—
248654 2006 HE_{64}	17.2	X	17.74940	249.62999	51.09900	10.87001	0.1980462	0.27295711	2.3536386	21	9 26.5	19.5
248655 2006 HJ_{64}	16.8	X	355.80358	271.69401	82.64453	3.38382	0.2364754	0.27821741	2.3238772	21	11 5.7	18.3
248656 2006 HW_{66}	17.5	X	125.82261	26.86801	194.49189	2.98799	0.1370208	0.28225105	2.3016839	21	10 15.5	20.7
248657 2006 HC_{77}	15.6	X	249.06939	208.56331	104.86986	14.38230	0.1490525	0.18580608	3.0415580	21	3 16.4	20.6
248658 2006 HK_{81}	17.7	X	41.68892	70.29091	268.67090	1.88338	0.1919143	0.28427962	2.2907212	21	12 22.5	20.4
248659 2006 HJ_{84}	16.3	X	24.97476	24.39838	125.72472	3.88366	0.0504969	0.18526765	3.0474481	21	2 19.2	20.2
248660 2006 HA_{87}	16.8	X	28.70095	202.40531	91.33208	9.30029	0.1847088	0.27349360	2.3505596	21	10 4.0	19.4
248661 2006 HY_{94}	16.1	X	257.78963	223.97216	195.98220	7.26613	0.0565157	0.21579156	2.7528322	21	8 10.1	20.0
248662 2006 HM_{117}	17.1	X	98.62205	158.38467	186.28505	4.81680	0.2351042	0.29866506	2.2165614	21	—	—
248663 2006 HN_{151}	17.0	X	50.08171	286.62094	330.77792	1.51480	0.1878071	0.27352915	2.3503560	21	9 9.7	19.6
248664 2006 HW_{151}	17.4	X	53.66382	70.00716	196.16937	1.99002	0.1940484	0.27520401	2.3408102	21	9 28.9	20.1
248665 2006 JQ_{13}	16.1	X	258.16287	202.30072	207.69430	4.67561	0.0697517	0.21351372	2.7723764	21	7 27.0	19.9
248666 2006 JB_{14}	15.7	X	229.14959	54.86099	233.27277	10.78635	0.0960578	0.18025328	3.1037061	21	1 21.8	20.7
248667 2006 JX_{16}	16.5	X	344.57019	126.72654	173.23346	4.78385	0.1818430	0.20163083	2.8802582	21	6 26.6	19.4
248668 2006 JY_{20}	15.9	X	245.65607	98.32359	177.11621	10.13630	0.0643734	0.18071072	3.0984662	21	1 26.6	20.6
248669 2006 JQ_{25}	17.0	X	31.53262	248.80899	50.39585	6.89154	0.1291063	0.27785413	2.3259024	21	10 5.3	19.4
248670 2006 JV_{25}	13.2	X	10.58031	120.64136	127.46647	24.18469	0.1184629	0.08325989	5.1941223	21	6 14.1	19.7
248671 2006 JN_{38}	15.9	X	43.67947	358.04287	287.34676	7.03979	0.1973466	0.21216200	2.7841395	21	9 29.6	19.5
248672 2006 JX_{40}	15.7	X	82.63984	4.81315	67.30616	8.30269	0.1085517	0.18380445	3.0635998	21	2 10.7	19.8
248673 2006 JT_{44}	17.2	X	5.38058	213.36410	63.78629	11.78544	0.2471048	0.26574391	2.3960387	21	7 13.2	18.7
248674 2006 JK_{49}	16.3	X	159.60162	276.17980	213.06886	8.45857	0.1717646	0.20948996	2.8077638	21	7 17.5	21.0
248675 2006 JS_{54}	15.7	X	330.55837	41.00154	205.59402	7.88945	0.1896929	0.19010400	2.9955407	21	3 15.9	19.5
248676 2006 JF_{57}	16.3	X	150.77397	87.61931	101.23424	16.58088	0.2160238	0.21812285	2.7331823	21	10 2.6	21.3
248677 2006 JO_{80}	17.6	X	5.10473	209.80244	104.04522	2.07206	0.1799351	0.27322040	2.3521263	21	9 11.8	19.4
248678 2006 KC_{9}	17.3	X	352.20611	61.00476	212.20209	1.62281	0.1816592	0.26384396	2.4075276	21	5 29.4	19.0
248679 2006 KJ_{9}	14.4	X	169.90351	286.28711	50.85338	25.92573	0.3427412	0.17504347	3.1649883	21	2 18.1	20.6
248680 2006 KO_{11}	16.7	X	92.49595	39.02941	222.20196	6.23024	0.2624985	0.21453982	2.7635295	21	11 4.8	21.2
248681 2006 KH_{20}	14.8	X	191.20865	256.02394	85.42455	23.43318	0.0409957	0.18464873	3.0542541	21	2 25.1	19.7
248682 2006 KN_{39}	17.2	X	27.93237	111.91087	159.32970	1.57635	0.1637385	0.26914652	2.3758018	21	8 17.9	19.3
248683 2006 KT_{41}	15.2	X	284.62045	209.88118	86.49148	11.88896	0.1108909	0.18995010	2.9971584	21	4 6.5	19.7
248684 2006 KU_{45}	16.9	X	22.61780	291.42549	75.30703	6.77788	0.2071245	0.28463356	2.2888218	21	—	—
248685 2006 KG_{52}	16.8	X	57.73781	216.51678	83.40038	8.33335	0.1202581	0.28010748	2.3134116	21	11 11.6	19.8
248686 2006 KW_{53}	17.3	X	23.63826	194.26946	203.67959	4.99535	0.0427073	0.29296058	2.2452425	21	—	—
248687 2006 KJ_{57}	17.0	X	213.03431	1.16338	184.02154	5.31876	0.0848443	0.29079016	2.2564008	21	12 6.6	19.8
248688 2006 KR_{61}	16.4	X	5.08649	341.87843	89.89401	13.11770	0.1702900	0.23153205	2.6266083	21	—	—
248689 2006 KM_{71}	17.0	X	349.03232	195.84110	119.25235	7.10527	0.1231235	0.26961017	2.3730772	21	8 4.3	18.9
248690 2006 KV_{74}	16.0	X	74.16980	316.54240	181.85544	9.99401	0.1439170	0.19296508	2.9658572	21	4 26.6	19.8
248691 2006 KN_{78}	16.8	X	339.18340	198.29896	107.32042	6.46739	0.1190228	0.26650671	2.3914646	21	6 28.9	19.0
248692 2006 KR_{80}	15.2	X	50.06098	236.66400	204.28351	10.23655	0.0288586	0.17548319	3.1596989	21	—	—
248693 2006 KQ_{94}	15.7	X	110.81689	303.57721	79.29831	12.94994	0.1421003	0.17405837	3.1769187	21	1 23.1	20.3
248694 2006 KH_{101}	15.0	X	233.52416	120.42923	187.75493	22.02529	0.1940560	0.18045540	3.1013882	21	2 13.5	20.5
248695 2006 KO_{109}	15.1	X	86.59752	341.41007	42.51637	23.60251	0.1590163	0.17365457	3.1818417	21	—	—
248696 2006 KZ_{115}	16.7	X	272.99630	272.49982	67.07459	12.93781	0.0677258	0.19746418	2.9206342	21	5 17.2	20.7
248697 2006 KM_{118}	17.9	X	37.61417	118.03645	186.98605	0.50729	0.2264932	0.27612901	2.3355797	21	11 5.4	20.5
248698 2006 KX_{120}	15.5	X	54.22991	358.90289	212.00708	14.14890	0.1024336	0.20175877	2.8790404	21	6 23.4	19.4
248699 2006 KE_{121}	16.0	X	200.32346	14.42567	288.91894	12.03162	0.1935724	0.24032132	2.5621695	21	1 8.3	20.1
248700 2006 MD_{7}	16.5	X	163.50166	192.55450	113.49582	16.20358	0.2703828	0.22836977	2.6508001	21	—	—
248701 2006 MK_{10}	16.4	X	282.51506	256.80002	98.76978	2.63417	0.1852304	0.25711498	2.4493516	21	5 29.4	19.5
248702 2006 MF_{14}	16.2	X	107.27387	344.47134	317.51966	19.61154	0.2935626	0.21800591	2.7341597	21	—	—
248703 2006 MK_{14}	16.1	X	214.37992	329.65615	23.95955	13.50315	0.2876177	0.24203824	2.5500384	21	3 22.7	20.8
248704 2006 MS_{14}	16.2	X	262.31382	221.58356	64.38615	12.76081	0.1278476	0.24228623	2.5482981	21	2 18.5	20.3
248705 2006 MY_{14}	16.2	X	282.95571	148.17407	221.48183	9.40230	0.2884596	0.25606603	2.4560361	21	6 3.2	19.7
248706 2006 NC	16.4	X	4.14753	340.61353	346.17277	3.48116	0.2226266	0.26478201	2.4018381	21	10 3.0	18.0
248707 2006 OH_{3}	16.4	X	317.26220	346.79590	310.71897	6.69947	0.1523842	0.25506857	2.4624349	21	4 29.5	19.3
248708 2006 OK_{9}	16.0	X	347.50988	151.21857	169.92621	12.19758	0.0565032	0.19690168	2.9261939	21	8 4.9	19.8
248709 2006 OC_{10}	16.0	X	5.74431	348.78535	293.74963	11.62137	0.2351870	0.26123373	2.4235383	21	7 21.8	17.4
248710 2006 OY_{12}	16.5	X	169.09626	314.96328	316.51488	12.54593	0.2499237	0.22489105	2.6780659	21	—	—
248711 2006 OC_{17}	17.1	X	331.07700	18.85422	309.57213	4.44272	0.3026883	0.25853391	2.4403814	21	6 21.4	18.8
248712 2006 OS_{21}	15.9	X	228.88199	209.44263	79.80549	15.27745	0.1814333	0.23418644	2.6067230	21	1 16.7	20.3
248713 2006 PS	16.5	X	218.43436	50.88688	279.11518	16.32114	0.2598517	0.23870989	2.5736873	21	2 15.9	21.3
248714 2006 PC_{5}	16.3	X	186.49838	3.31067	28.70396	7.06860	0.2836031	0.24230226	2.5481857	21	4 14.6	21.0
248715 2006 PK_{16}	16.8	X	225.58812	175.48884	154.68299	14.02709	0.2747592	0.23986496	2.5654182	21	2 28.1	21.3
248716 2006 PC_{33}	15.9	X	170.77419	307.73245	61.19448	9.89353	0.1984776	0.23716492	2.5848524	21	3 7.9	20.3
248717 2006 QQ_{4}	17.3	X	191.00257	60.14591	312.69444	7.94259	0.1792463	0.23774764	2.5806270	21	3 20.5	21.6
248718 2006 QM_{9}	15.2	X	207.79986	48.93473	340.48307	17.72973	0.2218187	0.17665145	3.1457527	21	4 22.4	20.9
248719 2006 QR_{9}	15.5	X	115.90292	1.86355	343.34957	14.05635	0.0998194	0.21942341	2.7223717	21	—	—
248720 2006 QX_{14}	16.7	X	105.94546	326.74513	320.43446	7.25744	0.2018107	0.21414338	2.7669391	21	12 11.4	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248721 2006 QK_{18}	15.2	X	14.95034	291.69334	357.94239	16.89672	0.0775154	0.19523888	2.9427848	21	8 14.1	19.1
248722 2006 QW_{18}	16.6	X	202.31626	320.97401	354.32462	3.68303	0.2151319	0.23246664	2.6195637	21	1 26.3	21.0
248723 2006 QN_{19}	17.3	X	217.53729	204.99525	128.49788	6.57177	0.2675412	0.23856715	2.5747138	21	2 27.6	21.8
248724 2006 QO_{21}	16.4	X	262.73929	11.84357	234.42840	5.00438	0.2497518	0.23773148	2.5807440	21	—	—
248725 2006 QE_{22}	16.7	X	324.58072	310.83317	13.46575	2.66428	0.2275338	0.25820653	2.4424438	21	6 12.8	19.0
248726 2006 QB_{23}	16.1	X	181.22929	333.65205	4.52649	14.98971	0.2636387	0.22985542	2.6393656	21	2 12.4	20.9
248727 2006 QA_{29}	16.6	X	143.48491	335.87849	344.42246	5.20842	0.0738551	0.22272062	2.6954365	21	—	—
248728 2006 QD_{48}	16.5	X	125.32896	147.20738	141.43947	5.34522	0.2378387	0.21643416	2.7473807	21	12 30.1	21.4
248729 2006 QS_{50}	16.8	X	192.79748	209.27343	130.84073	3.41360	0.1787058	0.23344392	2.6122476	21	2 15.0	20.9
248730 2006 QG_{61}	16.3	X	125.64728	350.38399	19.00883	10.33989	0.3240072	0.22064487	2.7123152	21	2 9.2	20.6
248731 2006 QV_{65}	16.2	X	12.55521	35.69724	147.11283	4.90702	0.0552998	0.23855187	2.5748237	21	3 5.7	19.3
248732 2006 QK_{66}	15.9	X	89.12179	347.84675	333.14147	2.74526	0.1829702	0.21459905	2.7630210	21	—	—
248733 2006 QP_{111}	16.8	X	185.74666	140.22024	187.59784	0.99558	0.2136377	0.23135867	2.6279204	21	1 26.8	21.0
248734 2006 QQ_{112}	15.5	X	269.89078	206.78267	144.06555	16.70523	0.1022908	0.18397327	3.0617253	21	5 26.9	20.2
248735 2006 QA_{118}	15.6	X	181.08056	212.96716	170.34116	8.99923	0.1421916	0.17214623	3.2004008	21	4 2.9	20.8
248736 2006 QM_{118}	16.5	X	128.22546	111.46074	265.89390	5.24983	0.1169852	0.22728009	2.6592660	21	1 20.6	20.1
248737 2006 QS_{118}	16.1	X	245.94957	309.82517	329.75300	12.52631	0.1896164	0.23495183	2.6010587	21	1 20.7	20.5
248738 2006 QG_{131}	16.5	X	237.82654	73.01828	221.56814	4.42397	0.1024405	0.23725497	2.5841983	21	1 30.5	20.4
248739 2006 QA_{132}	16.9	X	148.01856	98.54565	288.98934	7.60982	0.2002955	0.23262343	2.6183865	21	3 1.9	21.1
248740 2006 QO_{136}	16.0	X	205.45651	343.77714	287.73635	12.53053	0.2165034	0.22777186	2.6554370	21	—	—
248741 2006 QJ_{137}	16.3	X	237.55947	346.33044	299.86953	8.41096	0.1190401	0.23433040	2.6056553	21	1 21.4	20.3
248742 2006 QP_{139}	15.7	X	234.45045	203.41185	139.04708	12.57402	0.1224880	0.17753021	3.1353634	21	4 6.8	20.7
248743 2006 QJ_{155}	16.2	X	164.31706	224.08880	121.35889	18.75389	0.2268816	0.22946014	2.6423959	21	1 31.6	20.5
248744 2006 QE_{163}	16.4	X	164.12256	87.24912	229.39695	3.08369	0.0713781	0.22542787	2.6738127	21	—	—
248745 2006 QJ_{166}	15.3	X	301.52954	323.97007	351.73700	16.50592	0.1098686	0.18155040	3.0889052	21	5 10.4	19.8
248746 2006 QG_{167}	15.6	X	347.41038	257.97405	64.51719	4.35574	0.0983887	0.19275017	2.9680613	21	8 9.3	19.2
248747 2006 QY_{168}	16.2	X	206.42308	201.48749	100.49532	9.16979	0.1168520	0.23035350	2.6355596	21	1 11.4	20.3
248748 2006 RN	15.2	X	166.06774	137.61429	275.40015	11.51774	0.1620314	0.17382071	3.1798140	21	4 19.7	20.6
248749 2006 RU	16.3	X	196.32781	2.97334	320.82361	7.39236	0.1211413	0.22891850	2.6465623	21	1 28.7	20.3
248750 Asteroidday	15.9	X	94.96473	21.64318	357.01669	8.78979	0.1567104	0.21896419	2.7261766	21	—	—
248751 2006 RM_{6}	16.9	X	229.26973	109.42654	196.49391	14.19380	0.1591427	0.23338598	2.6126799	21	2 1.9	21.4
248752 2006 RM_{14}	15.4	X	132.16957	235.26100	192.70150	16.05688	0.0971264	0.17271982	3.1933113	21	4 3.5	20.2
248753 2006 RA_{18}	16.7	X	222.20653	91.84587	221.17272	10.71470	0.2035924	0.23436432	2.6054038	21	2 3.3	21.4
248754 2006 RC_{19}	15.5	X	121.33337	291.47876	31.21664	15.47103	0.1781597	0.21506377	2.7590392	21	—	—
248755 2006 RW_{23}	16.8	X	269.42205	69.84595	215.30342	4.76254	0.2419713	0.24061057	2.5601156	21	2 7.9	21.0
248756 2006 RD_{31}	15.9	X	152.88292	44.24198	266.38196	5.21006	0.0554423	0.21980434	2.7192254	21	—	—
248757 2006 RK_{32}	16.7	X	218.55930	70.17185	229.30843	1.82801	0.1894062	0.23107248	2.6300898	21	1 19.3	21.0
248758 2006 RF_{37}	16.1	X	101.28149	7.96004	1.18701	5.11950	0.0957170	0.21949509	2.7217789	21	—	—
248759 2006 RW_{47}	16.5	X	133.36468	258.09818	136.63600	12.18257	0.2085112	0.22927139	2.6438459	21	3 3.1	20.5
248760 2006 RA_{58}	16.4	X	121.62105	124.42780	277.44976	2.40996	0.2606404	0.22663241	2.6643301	21	3 3.2	20.4
248761 2006 RB_{58}	16.9	X	205.46677	155.86640	184.75087	4.98469	0.1480106	0.23492796	2.6012350	21	2 24.6	21.2
248762 2006 RG_{62}	16.7	X	166.35448	224.99627	116.56415	2.55815	0.1388791	0.22840825	2.6505023	21	1 21.6	20.7
248763 2006 RR_{65}	16.9	X	222.38896	185.09365	119.01386	4.58020	0.2338931	0.23512467	2.5997839	21	1 27.6	21.3
248764 2006 RO_{69}	16.4	X	253.21136	25.33342	200.05290	2.87897	0.0712223	0.22249227	2.6972804	21	—	—
248765 2006 RT_{69}	16.6	X	260.84748	35.96538	188.17218	6.46829	0.0644900	0.22354388	2.6888146	21	—	—
248766 2006 RV_{70}	17.2	X	138.28419	171.09381	183.77065	2.66850	0.1384247	0.22437681	2.6821562	21	1 8.5	20.9
248767 2006 RC_{82}	16.5	X	290.45702	81.03361	161.03643	3.17088	0.0889324	0.23290514	2.6162747	21	1 25.3	20.3
248768 2006 RA_{92}	16.6	X	135.03944	330.82074	357.32155	4.64437	0.1149401	0.21849516	2.7300766	21	—	—
248769 2006 RU_{93}	15.1	X	262.97871	116.49722	202.32733	21.72515	0.1270343	0.17361915	3.1822745	21	4 2.0	20.0
248770 2006 RA_{98}	16.5	X	123.88353	147.55477	266.08339	1.78967	0.0593181	0.23240636	2.6200166	21	2 21.3	20.0
248771 2006 RU_{122}	16.2	X	205.42667	13.66659	300.11275	11.22813	0.1200318	0.23144790	2.6272449	21	1 24.0	20.3
248772 2006 SH_{5}	16.2	X	163.74941	144.80744	195.62101	8.34790	0.2385460	0.22709982	2.6606732	21	1 23.9	20.8
248773 2006 SV_{8}	15.2	X	184.19231	186.57758	190.64988	17.46863	0.0975695	0.17042917	3.2218608	21	3 27.0	20.1
248774 2006 ST_{12}	16.7	X	184.38534	53.48378	253.59448	3.12902	0.2283041	0.22677624	2.6632035	21	1 2.9	21.2
248775 2006 SH_{14}	16.6	X	162.81880	58.53292	288.83581	4.47941	0.1791637	0.22834119	2.6510213	21	1 28.0	20.6
248776 2006 SW_{16}	16.2	X	151.27845	50.86073	301.73808	7.58407	0.1315389	0.22438139	2.6821197	21	1 19.6	20.0
248777 2006 SJ_{18}	16.5	X	230.84042	290.54837	36.60450	4.99185	0.2852418	0.23778861	2.5803306	21	3 1.9	21.1
248778 2006 SE_{19}	17.0	X	200.98833	49.54349	284.64455	2.88720	0.1321041	0.23153453	2.6265895	21	2 13.1	21.2
248779 2006 SV_{26}	15.6	X	247.53128	232.16378	0.54012	14.22617	0.0682253	0.22394941	2.6855677	21	—	—
248780 2006 SH_{34}	16.0	X	163.40876	328.60409	320.46367	6.72324	0.1498218	0.21952452	2.7215356	21	—	—
248781 2006 SP_{35}	15.2	X	277.61128	319.62985	1.88077	15.63653	0.1057503	0.17760348	3.1345009	21	4 19.9	19.9
248782 2006 SX_{37}	16.4	X	115.17900	135.86397	234.19272	5.54523	0.0438319	0.22207750	2.7006378	21	—	—
248783 2006 SY_{42}	16.1	X	182.35197	266.17478	82.85500	12.26543	0.3207776	0.22917511	2.6445864	21	2 27.3	21.2
248784 2006 SF_{46}	16.1	X	248.01078	211.73324	138.81865	11.00882	0.2247848	0.24037828	2.5617647	21	4 16.9	20.4
248785 2006 SG_{49}	16.3	X	255.37737	284.07292	9.94098	11.93681	0.1049235	0.23604683	2.5930085	21	2 22.8	20.3
248786 2006 SA_{54}	15.6	X	352.52060	153.34693	307.08952	16.00762	0.0622333	0.21563584	2.7541574	21	—	—
248787 2006 SD_{57}	16.4	X	148.97550	285.52314	17.83566	9.17662	0.1388488	0.21608832	2.7503113	21	—	—
248788 2006 SM_{59}	16.3	X	176.61970	163.77649	168.00562	13.82372	0.2396295	0.22741144	2.6582420	21	1 24.5	21.0
248789 2006 SR_{59}	16.3	X	113.47690	138.05599	280.69642	7.74438	0.1567130	0.22976250	2.6400771	21	2 26.4	19.9
248790 2006 SR_{61}	15.9	X	260.31070	349.31971	278.18183	6.54261	0.1666288	0.23279654	2.6170882	21	1 17.4	19.9
248791 2006 SR_{77}	16.1	X	103.29701	68.08799	18.31997	11.24172	0.1911699	0.22819125	2.6521824	21	3 31.5	19.6
248792 2006 SS_{78}	15.6	X	259.56469	312.79743	272.98012	10.43731	0.0012149	0.22228227	2.6989790	21	—	—
248793 2006 SD_{85}	16.4	X	307.93755	155.64735	166.88517	2.73808	0.1146318	0.18357768	3.0661222	21	6 3.8	20.5
248794 2006 SV_{92}	16.0	X	328.24518	266.37670	21.93497	16.86003	0.1961021	0.18083130	3.0970887	21	5 4.5	19.9
248795 2006 SC_{94}	16.6	X	168.80313	191.99719	167.64867	2.02517	0.2206922	0.22888395	2.6468287	21	2 19.9	21.0
248796 2006 SC_{104}	15.3	X	265.51745	37.30429	277.52672	16.32925	0.1036957	0.17317270	3.1877415	21	3 26.1	20.5
248797 2006 SS_{113}	16.7	X	175.11417	52.18633	187.07387	3.97101	0.1476547	0.21222293	2.7836065	21	12 13.9	21.1
248798 2006 SR_{114}	16.8	X	156.07763	231.87208	63.87828	0.99774	0.0488030	0.21444459	2.7643476	21	—	—
248799 2006 SW_{115}	14.6	X	101.18063	277.01987	89.71902	11.33397	0.1294109	0.15226066	3.4733156	21	—	—
248800 2006 SK_{119}	16.6	X	216.18813	260.73622	51.69927	4.65491	0.2694028	0.23384271	2.6092768	21	2 3.1	21.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248801 2006 SJ_{122}	15.2	X	301.64590	93.67030	299.57019	14.13811	0.0652777	0.19014172	2.9951444	21	8 28.3	19.3
248802 2006 SQ_{126}	16.0	X	198.94393	221.87010	103.60405	10.64213	0.1910839	0.23039051	2.6352773	21	2 4.8	20.5
248803 2006 SB_{130}	16.5	X	174.85953	344.68811	298.49018	3.91030	0.0861565	0.21973135	2.7198276	21	—	—
248804 2006 SK_{132}	16.6	X	176.61450	39.07986	280.72509	5.70326	0.2433484	0.22681535	2.6628973	21	1 12.4	21.1
248805 2006 SZ_{132}	15.9	X	23.04782	158.85028	283.51795	8.69754	0.1414002	0.21471842	2.7619969	21	—	—
248806 2006 SD_{145}	16.7	X	144.76983	160.85335	110.92142	0.40197	0.0296352	0.20867529	2.8150667	21	12 24.4	20.6
248807 2006 SC_{148}	16.0	X	333.06374	290.23454	359.09396	4.19863	0.1051372	0.18222554	3.0812709	21	5 28.9	19.8
248808 2006 SV_{155}	16.1	X	279.44827	337.66320	269.54487	10.09863	0.1564582	0.23790813	2.5794663	21	1 10.8	20.0
248809 2006 SX_{162}	15.7	X	66.96942	209.03352	35.51937	9.79763	0.0418527	0.18657078	3.0332414	21	8 22.1	20.0
248810 2006 SC_{163}	15.6	X	291.76853	276.00020	28.24766	17.15876	0.1367078	0.17546433	3.1599254	21	4 16.8	19.8
248811 2006 SJ_{167}	16.3	X	199.35729	38.20865	234.41028	2.68450	0.0992647	0.22189375	2.7021285	21	—	—
248812 2006 SU_{167}	16.3	X	130.00046	55.21504	258.29981	2.66441	0.0305280	0.21539931	2.7561732	21	—	—
248813 2006 SC_{175}	16.5	X	148.82057	308.44322	345.26834	4.15897	0.0716072	0.21483663	2.7609836	21	—	—
248814 2006 SD_{197}	15.7	X	232.95783	136.09734	199.15703	26.39759	0.1963285	0.17269867	3.1935720	21	3 17.7	21.1
248815 2006 ST_{198}	16.3	X	184.83249	31.11685	312.56933	13.17897	0.1173510	0.23246399	2.6195836	21	2 8.3	20.2
248816 2006 SZ_{212}	16.5	X	139.11498	243.99895	141.05829	12.13613	0.1992317	0.22616553	2.6679956	21	2 23.4	20.6
248817 2006 SQ_{213}	16.4	X	183.27349	277.48529	13.69283	13.69690	0.2041925	0.22420218	2.6835488	21	—	—
248818 2006 SZ_{217}	17.4	X	309.23216	163.02070	241.36790	29.21868	0.2853124	0.45542723	1.6731057	21	12 18.7	17.0
248819 2006 SB_{253}	16.9	X	134.94349	324.74148	356.03235	2.46674	0.1094249	0.21743346	2.7389565	21	—	—
248820 2006 SS_{265}	15.2	X	280.66102	193.02104	137.34266	13.38632	0.1359494	0.17848213	3.1242053	21	5 10.2	19.9
248821 2006 SJ_{269}	16.6	X	126.11508	27.55577	323.71105	4.19229	0.1151236	0.21880853	2.7274694	21	—	—
248822 2006 SO_{270}	17.1	X	324.71408	198.08919	212.19216	4.61909	0.2279679	0.26805607	2.3822406	21	11 12.7	18.3
248823 2006 SX_{277}	16.3	X	164.10855	198.23932	159.79857	9.19757	0.1296161	0.22959301	2.6413763	21	2 6.3	20.2
248824 2006 SA_{281}	16.0	X	124.52092	204.27946	168.82184	15.74933	0.2101227	0.22174990	2.7032970	21	1 23.7	20.1
248825 2006 SE_{284}	15.9	X	162.96017	223.79891	144.61152	14.96554	0.1705493	0.22718692	2.6599930	21	2 23.1	20.1
248826 2006 SX_{302}	16.7	X	134.71566	342.02443	337.26024	4.72792	0.0589598	0.21758201	2.7377097	21	—	—
248827 2006 SE_{315}	16.0	X	273.22492	259.17011	73.92816	2.70350	0.0960971	0.17759146	3.1346423	21	5 5.9	20.6
248828 2006 SG_{343}	15.4	X	125.41159	292.96814	222.56426	11.43694	0.1566435	0.17779957	3.1321958	21	7 15.9	20.5
248829 2006 SJ_{357}	16.7	X	174.91808	210.13475	145.68536	2.86617	0.1402483	0.22792042	2.6542830	21	2 16.3	20.6
248830 2006 ST_{359}	16.3	X	138.91657	128.62771	196.52283	11.30068	0.2106886	0.21701481	2.7424779	21	—	—
248831 2006 SC_{365}	16.6	X	258.77025	334.59284	338.92784	6.93761	0.2615308	0.24123487	2.5556968	21	3 4.8	21.0
248832 2006 SK_{365}	15.8	X	271.19713	209.74343	140.40385	6.29035	0.1707428	0.18016799	3.1046856	21	5 16.4	20.4
248833 2006 SK_{366}	16.0	X	196.16334	10.07216	14.17166	4.55217	0.2083549	0.23506148	2.6002498	21	4 11.5	20.4
248834 2006 SG_{367}	16.1	X	235.61146	22.85201	334.54096	13.24450	0.1716292	0.23986653	2.5654071	21	4 7.4	20.4
248835 2006 SX_{368}	9.5	X	38.39418	70.71205	279.97892	36.33800	0.4603612	0.00946621	22.1318919	21	12 16.8	22.0
248836 2006 SF_{387}	16.2	X	324.42801	137.90185	171.80936	9.60889	0.1495258	0.18525838	3.0475498	21	6 7.9	20.0
248837 2006 SH_{393}	16.7	X	111.52878	279.06848	54.81883	9.40002	0.2550422	0.21217273	2.7840456	21	—	—
248838 2006 SW_{402}	15.6	X	292.35761	100.98812	207.35840	9.27559	0.2182757	0.17638660	3.1489009	21	4 10.3	20.1
248839 Mazeikiai	16.0	X	214.62603	285.60954	349.29852	11.69549	0.1724952	0.22427551	2.6829638	21	—	—
248840 2006 TE	16.5	X	87.93720	251.23024	149.96464	11.84547	0.1853406	0.22134331	2.7066065	21	1 8.2	19.7
248841 2006 TG_{4}	16.6	X	133.67288	1.23401	321.21442	2.37960	0.1546246	0.21510245	2.7587085	21	—	—
248842 2006 TJ_{11}	15.3	X	218.54022	65.21168	19.79899	16.33419	0.0565867	0.18193324	3.0845704	21	8 1.7	20.1
248843 2006 TU_{12}	16.8	X	218.34699	67.23566	279.50062	8.27106	0.2226302	0.23768092	2.5811099	21	3 10.8	21.4
248844 2006 TY_{20}	16.7	X	178.89614	293.47853	37.01584	2.75822	0.2084315	0.22568401	2.6717892	21	1 25.9	21.2
248845 2006 TJ_{26}	15.9	X	213.51506	264.23903	215.85811	7.31082	0.0626833	0.18750014	3.0232100	21	8 30.8	20.5
248846 2006 TQ_{30}	16.6	X	121.15220	140.03689	201.88923	3.92215	0.0838291	0.21531628	2.7568818	21	—	—
248847 2006 TC_{51}	16.7	X	213.12284	159.87037	210.49289	4.87801	0.3056594	0.23785923	2.5798198	21	4 6.4	21.3
248848 2006 TK_{55}	16.0	X	148.25410	298.42034	64.95955	13.67064	0.2193603	0.22488048	2.6781499	21	2 12.3	20.5
248849 2006 TA_{61}	16.5	X	186.44808	152.53526	192.58275	4.91958	0.2542960	0.22989499	2.6390627	21	2 17.1	21.1
248850 2006 TA_{62}	16.4	X	150.81300	75.69737	283.83508	6.85726	0.1097157	0.22657233	2.6648011	21	1 23.8	20.3
248851 2006 TV_{68}	17.0	X	155.30660	191.53609	147.27175	4.47847	0.2180216	0.22460480	2.6803409	21	1 15.1	21.3
248852 2006 TC_{69}	16.7	X	238.86791	23.29167	72.42994	11.55434	0.1160854	0.25740394	2.4475182	21	9 5.9	20.3
248853 2006 TO_{72}	15.9	X	220.00562	250.19851	112.61913	7.16687	0.1395222	0.17157855	3.2074561	21	4 15.8	21.1
248854 2006 TV_{75}	16.2	X	200.75158	345.97445	339.24084	4.97070	0.1353615	0.22770616	2.6559477	21	2 4.4	20.5
248855 2006 TW_{76}	16.2	X	36.96186	158.08710	272.19605	7.05884	0.2110391	0.21259190	2.7803848	21	—	—
248856 2006 TL_{85}	16.6	X	78.17827	74.36868	299.79341	3.36851	0.0876745	0.21162003	2.7888910	21	—	—
248857 2006 TF_{98}	16.7	X	329.87323	268.33989	26.93226	3.05571	0.0770598	0.24673331	2.5175853	21	6 1.0	19.6
248858 2006 TE_{101}	15.5	X	101.46075	334.53170	231.19750	8.15996	0.0714226	0.18330275	3.0691873	21	8 11.7	20.1
248859 2006 TK_{105}	16.4	X	281.20803	113.79150	56.33808	5.19720	0.0115628	0.21102452	2.7941354	21	—	—
248860 2006 UM_{5}	16.8	X	230.05051	356.46759	50.52947	5.13122	0.0784051	0.24606698	2.5221282	21	6 17.9	20.3
248861 2006 UO_{7}	17.1	X	238.15076	137.28215	205.12842	12.94109	0.3151254	0.23982096	2.5657320	21	3 19.3	21.8
248862 2006 UN_{8}	14.9	X	138.84056	232.84825	231.15135	14.37721	0.0656529	0.16870229	3.2438099	21	5 22.1	19.7
248863 2006 UW_{10}	15.2	X	73.52579	162.17706	36.45507	28.02819	0.0836061	0.17768453	3.1335476	21	7 2.2	20.0
248864 2006 UD_{12}	16.4	X	161.33656	159.07615	185.23558	4.84781	0.1568233	0.22370284	2.6875407	21	1 21.2	20.6
248865 2006 UL_{53}	16.0	X	21.49293	348.58810	316.66132	4.46817	0.0860079	0.18996199	2.9970334	21	9 6.5	19.7
248866 2006 UN_{55}	17.2	X	215.66381	296.61496	27.77786	9.71109	0.2629341	0.23298919	2.6156454	21	2 19.1	22.0
248867 2006 UP_{56}	16.1	X	242.97290	12.21706	247.63111	7.93092	0.1631139	0.23043642	2.6349273	21	—	—
248868 2006 UA_{58}	15.4	X	39.63822	162.84358	62.54374	10.03943	0.0176821	0.17431203	3.1738360	21	6 12.9	19.8
248869 2006 UH_{67}	17.0	X	216.55806	252.33923	95.55879	5.61934	0.3138744	0.23744855	2.5827936	21	3 16.6	21.9
248870 2006 UR_{71}	15.5	X	188.93698	67.08211	329.91336	13.02893	0.0483861	0.17482196	3.1676612	21	4 17.6	20.4
248871 2006 UT_{84}	16.4	X	54.24672	82.67822	305.99292	2.69800	0.1044203	0.20940441	2.8085285	21	—	—
248872 2006 UA_{101}	16.2	X	42.09094	137.40007	61.51058	9.63176	0.1077891	0.23813343	2.5778391	21	5 17.9	18.8
248873 2006 UA_{104}	17.0	X	130.89468	189.73592	178.43599	3.43291	0.1237621	0.22031544	2.7150183	21	1 15.0	20.9
248874 2006 UZ_{114}	17.3	X	191.50708	229.22675	37.86153	2.51168	0.2769476	0.22031304	2.7150380	21	—	—
248875 2006 UA_{127}	16.8	X	172.24202	352.92205	333.87800	2.83054	0.1634728	0.22334440	2.6904154	21	1 12.8	21.0
248876 2006 UH_{133}	16.6	X	47.12419	246.86850	207.99798	4.62791	0.0630654	0.21925801	2.7237405	21	1 2.8	20.0
248877 2006 UG_{144}	15.1	X	174.04694	293.27544	219.84778	9.26953	0.0361373	0.18287052	3.0740216	21	8 27.0	19.7
248878 2006 UZ_{149}	15.7	X	169.56228	237.90517	104.15847	13.77370	0.2421419	0.22629204	2.6670011	21	2 3.4	20.3
248879 2006 UK_{153}	16.6	X	88.41809	84.05005	280.45688	3.49095	0.0512764	0.21725626	2.7404456	21	—	—
248880 2006 UB_{175}	15.8	X	19.29837	62.38883	41.46062	9.53025	0.1871151	0.21727739	2.7402679	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248881 2006 UO_{181}	15.1	X	317.84266	190.44762	172.41538	15.37736	0.0386466	0.18601117	3.0393219	21	8 17.7	19.3
248882 2006 UE_{184}	16.4	X	151.05830	17.14056	333.98440	5.78938	0.2959164	0.22427735	2.6829491	21	2 2.8	20.9
248883 2006 UA_{187}	16.3	X	159.03936	40.34881	330.90333	15.31329	0.1409531	0.22927199	2.6438413	21	2 19.4	20.2
248884 2006 UJ_{189}	16.4	X	180.79759	353.70398	328.70133	11.60056	0.1851366	0.22573340	2.6713995	21	1 18.0	20.8
248885 2006 UQ_{190}	16.2	X	162.12517	52.36506	271.49213	10.21998	0.1229202	0.22094890	2.7098265	21	—	—
248886 2006 UC_{200}	16.8	X	192.68823	283.58254	61.94745	12.13246	0.2134439	0.23280066	2.6170574	21	2 28.0	21.5
248887 2006 UD_{204}	15.9	X	201.53170	352.07952	322.00141	8.46498	0.2118663	0.22726732	2.6593657	21	1 24.9	20.5
248888 2006 UU_{219}	16.8	X	224.32256	114.82598	192.68008	2.65737	0.1640093	0.23229207	2.6208759	21	2 2.2	21.1
248889 2006 UD_{220}	16.6	X	116.34050	250.54922	131.31202	4.74701	0.1597969	0.22148162	2.7054795	21	1 19.7	20.1
248890 2006 UL_{222}	16.8	X	169.79697	99.64077	227.85754	5.55065	0.1261063	0.22445297	2.6815495	21	1 6.8	20.8
248891 2006 UB_{229}	16.0	X	224.11390	163.88845	167.89662	4.47381	0.3049810	0.23361808	2.6109492	21	2 28.4	20.7
248892 2006 UJ_{229}	16.0	X	172.14782	264.12084	85.93199	5.55733	0.3107029	0.22635837	2.6664801	21	2 18.6	20.8
248893 2006 UQ_{240}	15.7	X	160.00691	128.03882	267.58152	12.09945	0.1667509	0.23033748	2.6356817	21	3 17.6	20.1
248894 2006 UJ_{266}	15.6	X	297.41173	257.54764	44.95403	12.86311	0.1436164	0.17485070	3.1673141	21	4 22.3	20.0
248895 2006 UF_{268}	16.2	X	120.81111	108.80963	254.88987	7.72100	0.2594124	0.21858274	2.7293473	21	1 15.6	20.2
248896 2006 UE_{270}	15.8	X	52.78139	17.87415	217.64113	2.19263	0.1732586	0.17859536	3.1228846	21	8 4.2	19.7
248897 2006 UV_{272}	16.6	X	61.37237	57.60904	344.41360	4.32972	0.0266425	0.21118346	2.7927332	21	—	—
248898 2006 UB_{275}	16.6	X	119.55146	66.77684	292.82458	2.11897	0.0890560	0.21872957	2.7281258	21	—	—
248899 2006 UZ_{284}	14.7	X	11.21609	38.70837	237.88724	21.17781	0.0391721	0.17691562	3.1426204	21	7 7.5	19.2
248900 2006 UJ_{328}	15.5	X	146.30123	277.80926	90.48556	15.63574	0.1362147	0.22334725	2.6903925	21	2 5.9	19.7
248901 2006 UQ_{337}	16.1	X	59.90321	172.84149	76.43075	3.64664	0.0700407	0.18294728	3.0731617	21	8 19.4	20.2
248902 2006 UC_{347}	15.7	X	235.92499	245.83069	135.41010	17.62864	0.1652151	0.24089064	2.5581309	21	5 20.1	20.1
248903 2006 UF_{358}	16.4	X	28.84779	70.64980	341.96412	3.70405	0.0565956	0.21284089	2.7782160	21	—	—
248904 2006 VE	16.4	X	213.42070	82.16082	256.86515	4.44142	0.2652163	0.23081947	2.6320113	21	2 28.4	21.2
248905 2006 VM_{6}	15.2	X	119.30245	289.55441	227.49343	11.78183	0.0657679	0.17434459	3.1734407	21	7 2.9	20.0
248906 2006 VX_{14}	16.6	X	10.78882	203.53927	28.07929	6.35611	0.0771044	0.23768545	2.5810771	21	5 8.0	19.4
248907 2006 VU_{39}	16.0	X	221.84639	209.95414	234.94527	7.83312	0.0487281	0.18114186	3.0935478	21	7 28.2	20.6
248908 Ginostrada	15.6	X	128.17285	270.60934	264.01425	14.24105	0.1326374	0.17880977	3.1203877	21	8 6.5	20.7
248909 2006 VR_{52}	15.7	X	146.86620	299.22995	343.21729	5.70590	0.0361899	0.20504835	2.8481653	21	—	—
248910 2006 VW_{64}	16.0	X	169.59879	145.22000	236.90136	6.99613	0.2161659	0.22907165	2.6453826	21	3 16.4	20.6
248911 2006 VQ_{66}	15.7	X	222.04428	249.06328	215.34128	12.63434	0.1508195	0.18333890	3.0687838	21	8 10.9	20.8
248912 2006 VY_{68}	16.3	X	99.78164	313.21328	65.34885	8.89133	0.2335091	0.21481900	2.7611347	21	1 6.9	19.7
248913 2006 VQ_{80}	16.5	X	138.78912	230.62633	87.82606	8.12941	0.2743038	0.21478117	2.7614589	21	—	—
248914 2006 VM_{84}	16.7	X	132.19581	93.80850	313.59377	2.60967	0.1997315	0.22560664	2.6724000	21	3 14.1	20.8
248915 2006 VS_{89}	15.4	X	41.33175	7.75584	271.02889	6.02578	0.1625085	0.18424078	3.0587609	21	9 9.3	19.4
248916 2006 VF_{90}	15.9	X	232.64642	330.10878	35.70349	4.34247	0.2339804	0.23877404	2.5732263	21	4 18.3	20.1
248917 2006 VE_{110}	15.4	X	346.48351	36.35672	326.00701	4.81303	0.1710627	0.19105306	2.9856121	21	9 28.0	18.6
248918 2006 VU_{123}	16.5	X	190.60388	287.17436	92.88735	5.63850	0.3967946	0.23410861	2.6073008	21	4 7.5	21.7
248919 2006 VO_{128}	15.7	X	52.08076	283.37329	330.97590	4.20045	0.1951370	0.18280511	3.0747548	21	9 1.1	19.7
248920 2006 VS_{133}	16.4	X	153.67151	339.93039	54.71631	7.92911	0.3818609	0.22855376	2.6493772	21	4 3.3	21.4
248921 2006 VS_{143}	16.5	X	146.23968	92.09235	294.88296	13.53823	0.1914855	0.22880631	2.6474273	21	2 24.9	20.9
248922 2006 VT_{145}	15.4	X	193.38116	44.96369	313.67483	9.37261	0.1417865	0.23111232	2.6297875	21	3 5.6	19.7
248923 2006 VB_{148}	15.9	X	180.50504	282.34172	182.41210	12.16441	0.2409063	0.23961748	2.5671843	21	7 6.4	20.6
248924 2006 VR_{152}	16.4	X	161.66465	154.61394	201.46112	11.40989	0.2034506	0.22504863	2.6768156	21	2 5.9	20.9
248925 2006 VN_{156}	16.4	X	129.18345	232.52330	64.24923	5.38035	0.0468167	0.21073298	2.7967118	21	—	—
248926 2006 WZ_{2}	16.9	X	265.85943	65.96259	354.37129	24.65170	0.3301223	0.44683704	1.6944806	21	8 2.6	19.1
248927 2006 WD_{5}	16.1	X	65.84911	195.33416	112.37712	3.32872	0.0873736	0.19573192	2.9378410	21	11 12.4	20.1
248928 2006 WY_{7}	16.5	X	110.23290	113.62810	267.37293	6.83046	0.2096643	0.21790129	2.7350348	21	1 18.1	20.1
248929 2006 WZ_{11}	15.1	X	183.17009	251.59092	233.63957	14.75695	0.0380018	0.17851914	3.1237734	21	7 31.5	20.0
248930 2006 WL_{22}	16.4	X	182.30053	308.33922	92.21725	5.55264	0.1754640	0.23259695	2.6185852	21	4 22.0	20.7
248931 2006 WY_{26}	15.0	X	357.98387	58.01126	240.96732	8.83063	0.0773552	0.17890155	3.1193204	21	7 20.9	19.1
248932 2006 WE_{27}	16.2	X	88.80827	332.88245	59.43077	9.43345	0.2911641	0.21440260	2.7647085	21	1 18.9	19.5
248933 2006 WA_{33}	15.9	X	95.00031	105.16514	292.38573	13.16324	0.0733179	0.21845953	2.7303735	21	—	—
248934 2006 WK_{52}	16.4	X	103.30937	21.43455	305.11433	1.10766	0.0634981	0.20416113	2.8564108	21	—	—
248935 2006 WH_{55}	16.7	X	218.74028	20.14629	9.54178	0.59627	0.2139639	0.23860844	2.5744167	21	5 6.6	20.8
248936 2006 WH_{57}	15.9	X	125.08263	257.07248	256.43933	3.91146	0.0771764	0.17821548	3.1273208	21	7 7.8	20.4
248937 2006 WY_{68}	15.4	X	49.46285	218.93505	90.62542	11.95559	0.1026694	0.19101218	2.9860381	21	10 30.7	19.6
248938 2006 WT_{81}	16.2	X	317.58309	19.99065	235.48203	10.70833	0.0138125	0.22946863	2.6423307	21	3 26.4	20.0
248939 2006 WX_{107}	15.1	X	216.69472	166.46882	262.26436	17.80041	0.1094149	0.17468757	3.1692856	21	6 28.6	20.0
248940 2006 WB_{109}	15.8	X	255.96198	280.61435	81.80422	6.60053	0.0715932	0.17090077	3.2159309	21	5 25.9	20.6
248941 2006 WP_{115}	16.0	X	38.48791	133.25091	294.19141	10.80047	0.2185565	0.20995467	2.8036191	21	—	—
248942 2006 WA_{125}	16.4	X	142.05646	0.22376	349.71126	4.69075	0.1691359	0.21951873	2.7215835	21	1 12.6	20.4
248943 2006 WU_{130}	15.4	X	122.18096	167.90006	157.82384	21.35800	0.1150176	0.21060193	2.7978718	21	—	—
248944 2006 WN_{137}	16.1	X	350.18859	184.28746	203.54663	1.02902	0.1070521	0.19481709	2.9470308	21	11 9.0	19.6
248945 2006 WH_{146}	14.3	X	148.50358	323.88511	270.04557	8.05071	0.1698948	0.12489716	3.9637021	21	11 2.9	20.6
248946 2006 WH_{148}	15.1	X	253.82267	265.71370	91.14405	26.40332	0.2854343	0.17283358	3.1919100	21	5 6.3	20.8
248947 2006 WR_{152}	15.0	X	323.72875	175.75008	109.87520	11.29061	0.0964331	0.17097067	3.2150542	21	5 16.2	19.3
248948 2006 WG_{170}	15.5	X	22.07154	155.60505	80.27573	7.26227	0.0393278	0.16982217	3.2295335	21	6 5.1	19.6
248949 2006 WD_{184}	15.6	X	315.63606	114.74675	249.24961	8.96774	0.1050985	0.18195933	3.0842755	21	8 7.2	19.6
248950 2006 WP_{188}	15.7	X	52.74234	234.28372	74.94259	13.47434	0.1631550	0.19332933	2.9621307	21	11 10.7	19.9
248951 2006 XA_{4}	16.9	X	117.63013	348.32400	47.41207	0.49688	0.3299720	0.22154333	2.7049771	21	3 1.9	21.0
248952 2006 XB_{5}	15.7	X	177.55761	237.04010	163.19174	13.99199	0.1330007	0.23184807	2.6242209	21	4 16.9	19.9
248953 2006 XX_{11}	15.4	X	323.88064	282.93887	73.83105	9.56333	0.1571350	0.18319463	3.0703949	21	8 12.6	19.1
248954 2006 XB_{17}	16.5	X	58.79930	110.79158	310.15777	6.78041	0.2344400	0.20976423	2.8053158	21	—	—
248955 2006 XC_{21}	15.1	X	328.73520	241.96978	107.53639	27.93718	0.1305394	0.17730314	3.1380396	21	8 12.1	19.1
248956 2006 XF_{29}	16.2	X	27.88701	93.72047	196.53884	3.02019	0.0465769	0.18079721	3.0974781	21	8 22.7	20.4
248957 2006 XE_{52}	15.3	X	5.48157	246.03201	79.54567	10.88072	0.0786514	0.18326045	3.0696596	21	9 15.1	19.4
248958 2006 XJ_{54}	14.3	X	70.99399	320.18306	267.32045	25.49962	0.0937694	0.17565074	3.1576892	21	7 28.8	19.0
248959 2006 XL_{66}	16.4	X	165.07282	183.15868	203.10896	3.88659	0.3212609	0.22708687	2.6607743	21	3 25.5	21.3
248960 2006 YT_{1}	15.8	X	342.82883	79.15773	291.35326	15.10386	0.1113104	0.18349790	3.0670109	21	9 23.7	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
248961 2006 YW_3	15.4	X	15.83733	172.66538	103.75222	6.80720	0.1375519	0.17818874	3.1276336	21	7 25.6	18.9
248962 2006 YG_6	15.8	X	60.92525	24.93340	80.98631	8.29124	0.0688647	0.21811754	2.7332267	21	2 10.5	19.3
248963 2006 YK_{15}	15.7	X	337.42387	92.21046	282.20232	10.40343	0.1108452	0.18890049	3.0082505	21	9 23.7	19.5
248964 2006 YA_{16}	15.2	X	325.49596	93.15302	295.95239	11.76719	0.1866910	0.19131103	2.9829275	21	9 17.3	18.7
248965 2006 YD_{16}	16.2	X	357.92007	184.36163	326.63794	3.86092	0.0171194	0.21265145	2.7798657	21	1 11.2	19.9
248966 2006 YX_{45}	15.2	X	165.78128	6.01382	80.96553	14.65357	0.0401450	0.16822729	3.2499131	21	5 30.7	19.9
248967 2007 AF	15.3	X	358.46350	353.12789	302.99062	13.43704	0.0284445	0.17273926	3.1930718	21	7 20.6	19.6
248968 2007 BP_{30}	15.4	X	315.85409	83.15623	332.29414	16.05515	0.1065152	0.18218022	3.0817820	21	10 9.8	19.6
248969 2007 BJ_{36}	16.8	X	128.63284	33.06138	333.83530	9.18593	0.1642566	0.27754729	2.3276163	21	1 6.1	19.7
248970 Giannimorandi	15.3	X	220.67766	16.82020	97.67132	17.75788	0.0465266	0.17686351	3.1432377	21	9 12.1	20.2
248971 2007 BD_{54}	15.8	X	265.93629	352.86115	116.11029	9.46389	0.0361327	0.18406419	3.0607171	21	10 29.2	20.2
248972 2007 CO_4	16.3	X	66.56580	308.61034	147.26833	8.68915	0.1574929	0.21222940	2.7835500	21	2 13.8	19.5
248973 2007 CS_4	15.4	X	62.32038	166.51597	145.20318	14.56991	0.0274973	0.18172983	3.0868716	21	11 6.3	20.0
248974 2007 DU_7	15.5	X	57.92470	150.60961	122.19740	9.08571	0.0297353	0.17539305	3.1607814	21	9 11.0	19.9
248975 2007 DS_{38}	16.2	X	63.58718	225.61982	9.10809	6.71490	0.1420257	0.22689642	2.6622630	21	8 19.9	19.6
248976 2007 DM_{97}	13.0	X	351.03594	277.61749	358.86932	12.19167	0.0814825	0.08301534	5.2043181	21	6 14.2	19.7
248977 2007 DL_{109}	17.1	X	278.50291	264.89274	142.16856	24.42001	0.0977011	0.37649704	1.8994521	21	8 31.7	18.5
248978 2007 DH_{111}	13.6	X	358.50069	73.61928	186.96519	13.08872	0.0794046	0.08206288	5.2445097	21	6 7.7	20.3
248979 2007 DY_{113}	13.0	X	285.92552	145.66847	182.96822	30.17979	0.0991859	0.08149843	5.2686970	21	5 22.5	20.2
248980 2007 DW_{115}	15.2	X	22.21930	20.79338	270.98364	9.65924	0.0939751	0.18041668	3.1018319	21	8 17.6	19.3
248981 2007 EB_{14}	15.4	X	280.18348	136.86038	358.26183	17.19765	0.2092082	0.18626436	3.0365671	21	11 14.9	19.5
248982 2007 EO_{22}	16.8	X	255.68204	296.52539	2.91882	4.99852	0.2430338	0.27507023	2.3415692	21	2 12.8	20.8
248983 2007 EE_{44}	15.6	X	301.93084	121.61639	340.37636	4.94372	0.1291439	0.18349868	3.0670022	21	11 21.7	19.5
248984 2007 EP_{73}	15.3	X	5.50124	180.10413	155.85306	7.81879	0.0444224	0.17006465	3.2264630	21	9 20.4	19.6
248985 2007 EU_{147}	13.5	X	315.22534	158.80121	153.22335	10.56980	0.1797081	0.08259268	5.2220580	21	5 29.8	20.0
248986 2007 EX_{147}	12.6	X	295.69500	144.62423	170.11884	29.04996	0.0883946	0.08133590	5.2757133	21	5 21.5	19.8
248987 2007 EM_{180}	17.4	X	333.16839	237.31898	358.69170	4.75841	0.1796437	0.27597471	2.3364502	21	2 22.0	20.0
248988 2007 EU_{201}	15.4	X	9.76468	44.06059	270.42666	7.87848	0.0962222	0.18289523	3.0737447	21	8 28.8	19.4
248989 2007 EM_{212}	15.1	X	219.06892	44.91103	75.00999	4.12540	0.0159513	0.17048917	3.2211047	21	9 14.4	19.7
248990 2007 FX_3	12.8	X	19.43474	212.10737	27.46463	20.81512	0.0596653	0.08429337	5.1515800	21	6 5.7	19.6
248991 2007 FL_{22}	12.9	X	317.11989	136.78022	180.55709	12.58096	0.1195372	0.08240810	5.2298525	21	6 13.6	19.6
248992 2007 GG_9	17.9	X	86.18344	294.56941	207.99393	2.24879	0.0726324	0.28341403	2.2953830	21	4 27.8	20.3
248993 Jonava	16.4	X	234.44456	192.31929	77.32859	11.29957	0.2015567	0.25998947	2.4312645	21	—	—
248994 2007 GG_{45}	17.5	X	357.56939	174.75705	74.41958	3.84450	0.1090290	0.28181478	2.3040587	21	5 6.5	19.4
248995 2007 HU_{48}	17.2	X	281.19344	63.06379	176.32232	3.03733	0.1352824	0.26568561	2.3963893	21	—	—
248996 2007 HK_{62}	12.7	X	291.14346	307.09710	34.42340	16.40331	0.0818559	0.08112165	5.2849984	21	6 10.3	19.7
248997 2007 HP_{86}	16.0	X	305.63384	238.82676	75.67515	8.71273	0.2207976	0.21024156	2.8010681	21	5 4.3	19.7
248998 2007 JH_{29}	17.0	X	51.86497	350.04725	156.28375	6.18905	0.0571001	0.27244757	2.3565723	21	3 9.8	19.4
248999 2007 JL_{29}	17.1	X	353.59760	177.30937	84.05542	4.06926	0.1506169	0.28079319	2.3096438	21	5 14.6	19.0
249000 2007 JX_{34}	15.2	X	75.41202	155.96548	236.48179	10.65426	0.0448068	0.18392577	3.0622524	21	—	—
249001 2007 JM_{45}	15.4	X	199.34450	121.43735	129.66989	10.74690	0.0493441	0.17959727	3.1112595	21	—	—
249002 2007 MZ_{19}	16.0	X	239.09833	59.09963	263.62475	6.91387	0.0426308	0.19157664	2.9801698	21	3 15.2	20.5
249003 2007 NA	14.3	X	296.52587	327.64541	251.43055	27.73890	0.0804676	0.17641916	3.1485135	21	1 9.5	19.2
249004 2007 PM_5	16.8	X	315.13020	8.34418	329.15543	8.70918	0.2265166	0.27521455	2.3407505	21	6 14.1	19.3
249005 2007 PB_9	12.5	X	39.43603	40.20410	314.04110	22.59736	0.1087263	0.08281289	5.2127961	21	11 11.5	19.5
249006 2007 PR_{16}	17.0	X	300.03462	218.50162	126.93310	7.87849	0.2980979	0.27281311	2.3544667	21	5 21.9	20.0
249007 2007 PY_{37}	16.2	X	127.75530	325.53042	317.46722	12.29515	0.2569175	0.23116021	2.6294242	21	12 28.9	21.0
249008 2007 QJ	15.7	X	47.29635	356.81842	310.82517	9.73259	0.1925555	0.21961950	2.7207509	21	11 2.9	19.5
249009 2007 QB_2	14.8	X	225.03953	314.36990	16.07603	15.42393	0.3028465	0.18277707	3.0750693	21	3 8.8	20.5
249010 Abdel–Samad	16.0	X	243.77266	72.31972	255.34913	7.81387	0.0315015	0.18833427	3.0142769	21	3 28.3	20.4
249011 2007 RO_6	17.0	X	248.12714	45.19341	312.22084	4.09264	0.2515075	0.26390552	2.4071532	21	4 15.8	21.2
249012 2007 RL_{31}	15.1	X	267.48741	331.04968	265.56037	8.72721	0.0617817	0.17524364	3.1625777	21	1 6.9	19.7
249013 2007 RK_{42}	16.5	X	345.08117	184.88345	250.44457	5.36458	0.0168702	0.22637179	2.6663747	21	—	—
249014 2007 RZ_{45}	17.1	X	240.28446	18.41481	318.02819	4.49942	0.1204658	0.25858097	2.4400853	21	3 22.2	20.8
249015 2007 RN_{113}	18.0	X	110.63983	137.58419	214.06186	4.37772	0.1908758	0.30653748	2.1784470	21	—	—
249016 2007 RK_{116}	15.5	X	210.29118	286.80621	352.00396	12.48947	0.0410013	0.16799992	3.2528447	21	—	—
249017 2007 RE_{119}	14.7	X	240.54676	28.30247	10.96963	8.60573	0.1953595	0.12487699	3.9641289	21	6 10.4	21.0
249018 2007 RF_{139}	16.9	X	306.38294	64.17093	215.24112	4.38362	0.0966650	0.26415700	2.4056252	21	3 28.8	19.8
249019 2007 RK_{149}	16.7	X	104.68110	350.12233	322.09491	6.71847	0.1489647	0.29769758	2.2213612	21	—	—
249020 2007 RC_{171}	16.0	X	292.33720	80.72395	152.05783	9.41595	0.1024646	0.17923986	3.1153940	21	1 24.0	20.6
249021 2007 RC_{179}	15.8	X	152.34454	222.11391	208.66538	10.01656	0.0549913	0.17875584	3.1210153	21	4 24.8	20.4
249022 2007 RZ_{179}	17.3	X	51.27835	128.04353	210.88604	5.81355	0.2099592	0.28797625	2.2710757	21	—	—
249023 2007 RS_{207}	18.2	X	235.74151	197.46112	41.32948	3.07306	0.1537373	0.31148265	2.1553285	21	—	—
249024 2007 RP_{216}	16.2	X	217.36081	276.10995	353.60456	10.83292	0.0636209	0.24020070	2.5630271	21	—	—
249025 2007 RZ_{233}	16.8	X	108.62445	42.84188	268.87410	3.83395	0.1660433	0.29853909	2.2171849	21	—	—
249026 2007 RW_{262}	17.2	X	234.78199	62.14151	309.52216	2.45590	0.1879695	0.26441262	2.4040745	21	4 26.9	20.9
249027 2007 RN_{280}	14.7	X	216.28207	343.12984	293.85075	21.13718	0.1448954	0.17292746	3.1907547	21	1 2.2	19.9
249028 2007 RS_{297}	16.2	X	99.40006	291.83061	334.64035	11.04524	0.0983514	0.22260765	2.6963483	21	10 30.0	20.4
249029 2007 SZ_6	17.0	X	128.51592	344.05704	313.24595	9.14438	0.2065091	0.30179344	2.2012170	21	—	—
249030 2007 SJ_{14}	15.2	X	142.32194	91.06617	29.20383	24.43964	0.0925141	0.18526755	3.0474492	21	6 11.9	20.2
249031 2007 SK_{23}	17.1	X	96.81679	322.79370	332.52475	5.58947	0.1938612	0.29067763	2.2569831	21	12 24.4	20.6
249032 2007 TA	12.7	X	2.16727	269.61043	133.83747	13.59718	0.0943456	0.08334617	5.1905371	21	11 25.9	19.3
249033 2007 TM_2	15.3	X	223.41913	56.62290	221.37727	4.82426	0.1092084	0.17453638	3.1711155	21	1 7.7	20.3
249034 2007 TR_{16}	15.2	X	246.58155	209.69048	75.59465	5.51872	0.1005471	0.17669561	3.1452285	21	2 9.7	20.0
249035 2007 TQ_{17}	15.2	X	140.63902	225.87468	213.62563	17.08385	0.1229494	0.17979193	3.1090133	21	4 28.7	19.9
249036 2007 TV_{20}	17.1	X	103.10985	156.91279	209.10532	2.05511	0.0548035	0.23357084	2.6113012	21	—	—
249037 2007 TL_{22}	17.0	X	104.89660	280.86235	52.97450	7.39178	0.1663003	0.29784323	2.2206369	21	—	—
249038 2007 TL_{46}	17.5	X	346.83118	105.12614	204.20248	20.70648	0.2230432	0.27678340	2.3318970	21	7 9.4	19.8
249039 2007 TW_{61}	16.1	X	284.75415	267.24484	40.76514	1.62549	0.2060632	0.18857457	3.0117157	21	4 2.6	20.6
249040 2007 TM_{62}	16.8	X	159.45856	47.11921	210.17370	11.15782	0.1475193	0.22341617	2.6898392	21	12 21.9	21.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249041 2007 TW_{70}	17.1	X	2.74825	260.41655	120.24255	2.25103	0.0729489	0.28772846	2.2723794	21	12 6.9	19.4
249042 2007 TO_{71}	16.7	X	316.81956	270.54630	125.08616	6.78113	0.1001764	0.27863236	2.3215695	21	10 12.7	19.1
249043 2007 TA_{72}	16.5	X	115.04714	250.36951	29.16453	4.78011	0.0894619	0.21595307	2.7514596	21	12 4.1	20.6
249044 Barrymarshall	17.2	X	122.04513	91.74021	220.94470	4.27339	0.2119481	0.29964059	2.2117479	21	—	—
249045 2007 TR_{78}	15.5	X	9.24643	166.53335	20.56240	12.85859	0.0745574	0.17540421	3.1606474	21	3 19.5	19.6
249046 2007 TV_{82}	17.4	X	170.06595	281.53010	341.79034	6.50504	0.1672729	0.30147384	2.2027724	21	—	—
249047 2007 TC_{91}	13.9	X	14.79899	5.32843	202.57907	16.07437	0.0924195	0.10829308	4.3591544	21	4 28.1	19.4
249048 2007 TF_{114}	17.4	X	97.27979	3.71904	320.37847	3.08383	0.2272046	0.29841936	2.2177779	21	—	—
249049 2007 TN_{122}	16.7	X	340.55044	130.46410	111.92139	1.35188	0.1058438	0.25510381	2.4622081	21	3 30.3	19.3
249050 2007 TS_{127}	16.5	X	74.34311	244.56820	55.79711	5.23980	0.0566468	0.21266011	2.7797903	21	11 11.1	20.4
249051 2007 TM_{129}	17.2	X	79.05746	130.46885	221.35897	3.24947	0.1736823	0.29656215	2.2270274	21	—	—
249052 2007 TN_{129}	15.6	X	203.45719	14.83132	37.79451	9.10362	0.1380239	0.18596622	3.0398117	21	5 24.9	20.6
249053 2007 TC_{140}	17.3	X	125.57703	347.62460	328.90455	6.59230	0.2103999	0.30090583	2.2055436	21	—	—
249054 2007 TB_{142}	16.9	X	112.95921	278.94870	79.30387	3.18410	0.1459806	0.23242331	2.6198892	21	—	—
249055 2007 TW_{146}	15.7	X	64.78258	325.48206	44.07356	15.51336	0.1878231	0.22307840	2.6925537	21	—	—
249056 2007 TK_{214}	16.4	X	36.37928	82.09760	258.29516	3.30823	0.0807735	0.21288163	2.7778615	21	11 16.2	20.0
249057 2007 TP_{220}	15.6	X	131.49627	252.19293	237.33696	8.13087	0.1168363	0.18768545	3.0212198	21	6 18.7	20.2
249058 2007 TX_{244}	16.3	X	332.48827	12.92777	307.80898	7.74522	0.2380198	0.27359992	2.3499507	21	6 23.8	18.1
249059 2007 TP_{249}	16.7	X	234.53213	173.53780	329.32745	3.76605	0.0113299	0.21457883	2.7631946	21	11 3.5	20.4
249060 2007 TT_{289}	14.3	X	230.26711	2.61379	43.24160	9.45146	0.1981652	0.12321808	3.9996294	21	6 8.9	20.6
249061 Antonyberger	16.3	X	47.54627	86.77131	256.21144	3.51116	0.0813117	0.21346063	2.7728361	21	12 4.6	19.9
249062 2007 TR_{360}	16.1	X	19.49958	125.72158	113.55837	8.06089	0.1586013	0.18526004	3.0475316	21	6 11.9	19.5
249063 2007 TS_{364}	15.7	X	221.48192	200.44269	213.35142	8.15245	0.0853452	0.18960659	3.0007773	21	6 17.6	20.3
249064 2007 TP_{384}	17.0	X	105.37106	175.44211	145.37718	5.76439	0.1279047	0.29410280	2.2394254	21	—	—
249065 2007 TR_{393}	15.3	X	62.84136	265.97298	167.09809	17.48316	0.0224530	0.17203433	3.2017885	21	1 6.1	20.0
249066 2007 TF_{405}	15.7	X	115.44683	57.60450	38.81420	9.99232	0.0701214	0.17545229	3.1600699	21	4 16.8	20.1
249067 2007 TW_{425}	16.5	X	348.21739	95.37533	153.53854	2.46534	0.1484001	0.25558902	2.4590909	21	4 17.2	18.7
249068 2007 TY_{452}	17.3	X	36.18363	152.36023	144.69593	5.84331	0.1349789	0.27565940	2.3382315	21	10 9.8	19.9
249069 2007 UP_{7}	15.9	X	177.94640	358.55338	302.44038	17.39211	0.1227713	0.23629359	2.5912029	21	—	—
249070 2007 UU_{34}	15.8	X	67.50740	293.46243	29.26059	18.23043	0.1883838	0.21701827	2.7424487	21	12 15.1	20.2
249071 2007 UK_{61}	17.1	X	11.45988	212.39645	49.58483	4.66461	0.1778653	0.26533196	2.3985181	21	6 27.5	18.9
249072 2007 UE_{84}	15.7	X	30.50069	170.02559	52.07136	7.29757	0.0477131	0.18440974	3.0568923	21	5 29.1	19.7
249073 2007 UV_{85}	16.1	X	271.86064	318.40415	56.91775	12.08956	0.0764269	0.19265766	2.9690114	21	6 28.8	20.3
249074 2007 UE_{88}	16.4	X	218.13779	8.41216	50.38570	9.53119	0.0701630	0.18839579	3.0136207	21	6 20.9	21.0
249075 2007 UE_{96}	16.6	X	35.59020	31.46985	235.04800	5.07514	0.1198565	0.26823343	2.3811903	21	8 15.4	19.1
249076 2007 UE_{115}	15.9	X	266.78253	302.61658	43.52624	11.57706	0.1104707	0.18686263	3.0300822	21	5 11.0	20.3
249077 2007 US_{125}	17.2	X	352.77089	285.12347	113.84106	3.50535	0.1505288	0.28427773	2.2907314	21	12 26.6	19.2
249078 2007 UR_{128}	17.1	X	152.62627	176.81048	72.55717	10.44184	0.1938725	0.28464962	2.2887357	21	12 14.2	20.7
249079 2007 VU_{2}	16.9	X	258.08958	358.70057	50.49068	7.30039	0.0795140	0.26765478	2.3846211	21	7 29.9	20.0
249080 2007 VR_{5}	15.0	X	148.00952	186.81841	251.83391	27.36072	0.1448648	0.17841791	3.1249549	21	5 5.2	20.2
249081 2007 VT_{19}	16.7	X	335.57434	106.17274	176.22387	6.13537	0.0838582	0.25845069	2.4409053	21	5 22.9	19.5
249082 2007 VF_{20}	17.4	X	78.60071	346.77571	290.55841	1.68642	0.1708731	0.28226179	2.3016255	21	11 10.3	20.7
249083 2007 VT_{20}	16.5	X	215.03460	172.55704	33.70268	8.98270	0.1249520	0.22508988	2.6764886	21	12 16.9	20.5
249084 2007 VB_{27}	15.5	X	204.04471	314.93992	284.29531	13.19114	0.1187775	0.21283490	2.7782681	21	—	—
249085 2007 VH_{32}	16.3	X	33.60128	63.33315	308.31852	4.07660	0.1112082	0.21791442	2.7349249	21	12 28.2	19.9
249086 2007 VR_{38}	15.7	X	232.92524	319.26511	95.03705	11.48082	0.0180320	0.19009164	2.9956705	21	7 8.6	19.8
249087 2007 VC_{52}	16.9	X	31.89984	318.94680	17.56115	4.16659	0.1698880	0.28370786	2.2937978	21	12 2.2	19.5
249088 2007 VC_{55}	17.1	X	358.12335	161.30375	193.69570	4.36394	0.1593273	0.27926218	2.3180776	21	10 31.6	19.1
249089 2007 VL_{55}	16.5	X	330.97308	35.14916	218.19271	15.63125	0.0725253	0.25155149	2.4853342	21	4 1.4	19.6
249090 2007 VM_{62}	17.1	X	38.97374	291.06402	25.88654	2.23121	0.2351393	0.28152677	2.3056298	21	11 25.3	19.8
249091 2007 VV_{93}	16.5	X	24.32394	86.65682	236.96279	23.08855	0.3195198	0.28462907	2.2888459	21	11 29.1	19.0
249092 2007 VJ_{119}	16.6	X	338.66721	290.04657	118.37329	6.80596	0.1243487	0.28409433	2.2917171	21	12 11.9	18.8
249093 2007 VT_{158}	17.4	X	16.52903	204.87367	153.51794	2.63335	0.1650378	0.28381340	2.2932291	21	12 10.4	19.8
249094 2007 VX_{161}	16.5	X	253.96006	277.59165	269.72829	5.53892	0.0382942	0.21997417	2.7178257	21	—	—
249095 2007 VH_{166}	15.6	X	174.37280	244.47958	67.98868	14.21701	0.2220001	0.23428789	2.6059705	21	—	—
249096 2007 VG_{176}	15.7	X	340.76695	271.46465	92.20290	13.29737	0.0768074	0.20292870	2.8679642	21	10 1.2	19.5
249097 2007 VS_{176}	17.7	X	59.56621	99.38658	172.06008	1.97407	0.1753488	0.27711435	2.3300400	21	10 12.1	20.7
249098 2007 VB_{181}	15.9	X	276.93449	212.01216	219.07528	11.44529	0.0130428	0.20517113	2.8470289	21	9 24.0	19.9
249099 2007 VU_{190}	17.0	X	96.64567	206.22681	157.92006	2.46083	0.2157254	0.22921231	2.6443002	21	—	—
249100 2007 VZ_{239}	16.5	X	94.58488	207.98987	79.93748	8.55506	0.1563677	0.29041341	2.2583519	21	12 10.6	19.9
249101 2007 VF_{241}	15.7	X	44.25845	141.86417	138.35428	12.39074	0.0143689	0.18231305	3.0802848	21	8 30.8	20.0
249102 2007 VS_{241}	16.7	X	36.34904	204.39884	132.62308	7.77365	0.1460100	0.28468308	2.2885564	21	12 7.6	19.5
249103 2007 VO_{244}	17.3	X	124.36234	79.84441	237.21221	6.15034	0.2591378	0.30014656	2.2092615	21	—	—
249104 2007 VO_{279}	16.9	X	33.62544	14.21907	274.42148	1.98318	0.0966530	0.27153577	2.3618448	21	9 12.6	19.6
249105 2007 VV_{292}	16.0	X	352.39328	290.35200	100.83931	10.13289	0.2175839	0.21315128	2.7755182	21	12 2.7	18.7
249106 2007 VE_{293}	16.9	X	14.23205	225.81815	167.81570	7.48921	0.1260718	0.28825650	2.2696034	21	—	—
249107 2007 VA_{296}	16.9	X	317.64617	144.14838	170.83291	1.27745	0.1941665	0.26236831	2.4165464	21	5 21.9	19.4
249108 2007 VQ_{300}	15.7	X	224.59539	297.74924	104.05287	10.29272	0.1425609	0.18658457	3.0330919	21	6 3.4	20.6
249109 2007 VH_{306}	17.1	X	262.61021	243.07671	129.86568	3.57876	0.1852228	0.25579146	2.4577933	21	5 29.5	20.6
249110 2007 VS_{310}	16.3	X	238.08475	351.78791	244.95920	6.58808	0.1189354	0.22580748	2.6708152	21	—	—
249111 2007 VE_{311}	15.7	X	268.79325	301.22011	44.22694	7.13701	0.0600368	0.18346126	3.0674193	21	5 19.6	20.0
249112 2007 VH_{311}	15.8	X	258.46088	264.15581	90.28534	12.01166	0.0933694	0.18320433	3.0702865	21	5 17.7	20.3
249113 2007 VC_{327}	15.9	X	276.62144	50.38512	274.51719	9.62296	0.0278818	0.18163252	3.0879740	21	5 6.4	20.3
249114 2007 VU_{327}	15.4	X	358.51327	312.15931	284.91315	8.89064	0.0391360	0.18078076	3.0976659	21	4 30.8	19.7
249115 2007 VD_{329}	17.1	X	171.97158	185.57634	140.79944	3.72373	0.2255201	0.30852400	2.1690859	21	1 2.4	20.2
249116 2007 WF_{3}	16.7	X	82.00523	309.97134	334.29405	6.49974	0.1017098	0.28286221	2.2983673	21	11 13.7	19.8
249117 2007 WW_{8}	15.9	X	34.60286	132.97192	313.36063	8.64375	0.2145465	0.22095992	2.7097364	21	—	—
249118 2007 WW_{9}	17.9	X	247.52299	286.24169	34.46922	4.01586	0.1819793	0.25521644	2.4614836	21	3 9.5	21.7
249119 2007 WV_{18}	15.8	X	354.51873	191.26471	87.86890	9.68502	0.0608001	0.18692949	3.0293597	21	6 21.5	19.7
249120 2007 WO_{31}	16.7	X	80.42112	17.50753	115.00874	3.26482	0.0410231	0.24721647	2.5143039	21	4 5.9	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249121 2007 XW_{19}	16.8	X	88.93966	12.29180	303.52603	5.67435	0.1753440	0.29014608	2.2597388	21	—	—
249122 2007 XU_{21}	16.0	X	347.80592	274.32565	269.99556	3.23732	0.1199531	0.23480728	2.6021261	21	1 21.5	19.1
249123 2007 XM_{30}	15.2	X	160.01348	307.83340	81.27195	22.09185	0.0544569	0.16952502	3.2333063	21	3 26.8	20.4
249124 2007 XO_{32}	15.3	X	307.49643	186.23185	307.11118	19.08824	0.0562175	0.21221916	2.7836395	21	—	—
249125 2007 XK_{53}	16.7	X	167.81862	240.04727	100.27587	3.92736	0.1008700	0.22683002	2.6627825	21	1 18.8	20.5
249126 2007 YD_{14}	16.7	X	125.42615	40.48123	339.25388	6.18258	0.0398104	0.22698287	2.6615869	21	1 11.3	20.3
249127 2007 YR_{19}	15.3	X	40.99704	297.89592	274.38500	17.05867	0.1478816	0.17340117	3.1849409	21	6 12.7	19.2
249128 2007 YS_{23}	15.8	X	152.10279	64.95279	41.20787	10.58118	0.0335551	0.18403095	3.0610856	21	6 4.2	20.4
249129 2007 YR_{47}	17.1	X	296.48842	314.68117	93.79894	6.14456	0.2299615	0.27397350	2.3478139	21	9 2.8	19.4
249130 2007 YV_{52}	16.1	X	98.66471	317.61877	106.09179	12.91459	0.1729354	0.23193855	2.6235384	21	2 22.9	19.5
249131 2007 YG_{56}	15.8	X	44.00297	170.14233	302.18817	10.24670	0.0818146	0.22602692	2.6690862	21	1 20.3	18.8
249132 2007 YG_{60}	15.7	X	288.57347	83.46577	265.50424	11.71386	0.1976390	0.19099770	2.9861890	21	5 28.9	19.8
249133 2007 YJ_{63}	17.1	X	262.12983	249.39451	146.93325	3.04940	0.1773486	0.25938397	2.4350467	21	6 29.8	20.4
249134 2007 YN_{64}	17.2	X	276.30343	324.04475	37.54314	3.08804	0.1799314	0.25678156	2.4514714	21	5 29.8	20.4
249135 2007 YR_{64}	16.0	X	150.66527	235.59849	97.21298	10.03220	0.2461814	0.22171773	2.7035584	21	1 7.4	20.2
249136 2007 YR_{68}	15.2	X	358.63985	179.68030	78.30186	16.65035	0.1195416	0.17391740	3.1786352	21	5 30.7	19.0
249137 2008 AC_{4}	15.8	X	198.54827	35.10882	87.50399	5.35671	0.0707833	0.18728863	3.0254857	21	8 21.3	20.4
249138 2008 AK_{4}	15.9	X	62.90529	113.98013	302.31387	12.18060	0.0525549	0.21917078	2.7244632	21	—	—
249139 2008 AV_{4}	15.0	X	21.17270	344.83362	300.25060	15.55514	0.1750709	0.18115838	3.0933597	21	8 15.4	18.6
249140 2008 AY_{15}	16.8	X	126.05021	108.96994	263.95876	3.87751	0.0696245	0.22448363	2.6813053	21	1 6.9	20.2
249141 2008 AE_{33}	14.6	X	43.04465	226.29860	55.14607	27.67920	0.0770090	0.16973819	3.2305986	21	9 23.5	19.6
249142 2008 AH_{35}	15.8	X	88.22169	59.98193	301.09008	12.59843	0.0954609	0.21491905	2.7602776	21	—	—
249143 2008 AY_{39}	16.5	X	92.39224	247.78340	110.99801	5.48504	0.0831654	0.21232000	2.7827580	21	—	—
249144 2008 AX_{43}	15.0	X	65.17803	306.23611	320.24823	9.76348	0.0646038	0.18455057	3.0553371	21	9 12.0	19.4
249145 2008 AV_{53}	16.0	X	108.12304	206.21386	119.04537	7.45250	0.0617397	0.21081253	2.7960081	21	—	—
249146 2008 AT_{56}	15.6	X	51.55762	134.17386	121.42776	13.77296	0.1167898	0.18236298	3.0797226	21	8 23.6	19.7
249147 2008 AW_{58}	16.7	X	265.30928	228.91494	151.81765	2.63664	0.2156782	0.25807556	2.4432700	21	6 7.8	20.1
249148 2008 AY_{63}	16.2	X	14.92222	176.02087	136.74174	7.29722	0.0485346	0.18663982	3.0324933	21	9 5.8	20.1
249149 2008 AD_{69}	16.3	X	152.62990	247.70727	114.11452	8.69940	0.0584371	0.22403761	2.6848628	21	1 24.4	20.1
249150 2008 AA_{72}	15.2	X	41.45646	335.93292	266.84198	8.75112	0.0988888	0.17782237	3.1319281	21	7 16.4	19.2
249151 2008 AW_{77}	16.5	X	176.30900	160.45733	21.46195	2.38486	0.0074844	0.19438868	2.9513592	21	10 10.4	20.7
249152 2008 AX_{80}	16.1	X	113.61988	52.22184	299.83163	8.00911	0.1888742	0.21653176	2.7465551	21	—	—
249153 2008 AO_{95}	15.7	X	153.95801	180.87064	125.86581	11.59385	0.1992308	0.21473633	2.7618433	21	—	—
249154 2008 AD_{110}	15.3	X	28.32311	355.19540	293.06605	10.34421	0.1071913	0.18286236	3.0741131	21	8 24.3	19.2
249155 2008 AH_{115}	15.5	X	30.18744	331.22381	329.18777	16.02493	0.1138127	0.18340315	3.0680672	21	9 12.4	19.6
249156 2008 AK_{136}	15.5	X	344.15807	275.57529	22.12490	10.49703	0.0933268	0.17704938	3.1410374	21	6 29.6	19.6
249157 2008 BU_{9}	15.8	X	348.54746	294.67982	15.29697	4.19063	0.0579563	0.17876051	3.1209609	21	7 25.1	19.8
249158 2008 BK_{10}	15.9	X	265.58221	296.19051	104.65749	8.08536	0.0082956	0.18003641	3.1061981	21	8 4.2	20.2
249159 2008 BF_{13}	15.3	X	333.24849	282.58496	16.80277	9.13872	0.0344790	0.17618451	3.1513084	21	6 18.6	19.7
249160 Urriellu	15.5	X	45.89782	311.94577	309.09612	10.62558	0.1227338	0.18267990	3.0761597	21	8 19.2	19.5
249161 2008 BF_{21}	15.5	X	297.93550	67.07034	328.82354	13.29911	0.1485798	0.18671135	3.0317187	21	8 20.6	19.3
249162 2008 BA_{23}	14.9	X	30.25747	315.18692	334.36218	13.83026	0.0545859	0.17968251	3.1102755	21	8 26.9	18.9
249163 2008 BY_{26}	16.1	X	23.97765	144.15093	133.28807	6.50609	0.1303714	0.18109691	3.0940597	21	8 9.3	19.8
249164 2008 BR_{29}	16.2	X	76.71598	283.62081	127.74683	14.79000	0.0809801	0.22174212	2.7033602	21	—	—
249165 2008 BT_{32}	16.0	X	146.17395	226.07752	154.88669	18.52176	0.1527200	0.22580379	2.6708442	21	2 19.4	20.0
249166 2008 BD_{33}	16.3	X	221.02745	219.31053	147.89563	5.69278	0.0880635	0.23635694	2.5907399	21	4 18.1	20.1
249167 2008 BA_{35}	15.7	X	206.74470	27.30430	336.52603	14.52941	0.2618776	0.23496779	2.6009409	21	3 22.0	20.5
249168 2008 BJ_{36}	16.9	X	316.62505	266.52947	154.59793	2.77765	0.1502377	0.26916871	2.3756712	21	11 13.4	18.8
249169 2008 CZ_{5}	15.0	X	139.17072	23.07665	140.25909	18.29140	0.1367517	0.17731221	3.1379327	21	8 8.9	19.9
249170 2008 CC_{12}	16.4	X	103.65352	248.64666	109.56748	5.47800	0.0781002	0.21198511	2.7856880	21	—	—
249171 2008 CZ_{24}	16.3	X	82.72241	284.28515	125.96942	6.58774	0.1012782	0.21793092	2.7347868	21	1 1.9	19.6
249172 2008 CE_{40}	14.9	X	26.41327	310.80802	319.50118	21.63241	0.0439048	0.17737656	3.1371737	21	7 29.5	19.1
249173 2008 CG_{42}	14.8	X	220.31564	100.84879	288.00892	18.00810	0.0112133	0.16901759	3.2397744	21	5 20.3	19.7
249174 2008 CD_{45}	16.4	X	74.11658	272.08182	144.16507	12.05909	0.1514474	0.21749011	2.7384808	21	1 2.3	19.6
249175 2008 CR_{50}	15.2	X	82.98912	275.41257	345.68114	22.10586	0.1879593	0.18253776	3.0777564	21	10 7.1	20.1
249176 2008 CB_{53}	16.1	X	51.29239	222.35453	100.22932	6.46069	0.2506370	0.19238756	2.9717896	21	12 4.7	20.3
249177 2008 CT_{63}	17.1	X	16.42781	151.76768	211.36673	4.93113	0.2590407	0.27511165	2.3413341	21	12 29.6	19.8
249178 2008 CK_{101}	15.3	X	20.70889	343.68869	314.10268	9.47673	0.1984578	0.17837651	3.1254384	21	9 4.8	18.8
249179 2008 CL_{107}	16.1	X	19.38361	187.27966	122.61919	2.21679	0.1655580	0.18226591	3.0808159	21	9 19.5	19.6
249180 2008 CE_{117}	12.8	X	331.59152	163.54610	154.69035	25.27125	0.0714932	0.08156772	5.2657128	21	7 8.7	19.7
249181 2008 CS_{117}	15.6	X	4.40999	332.02349	323.40812	8.54966	0.0762702	0.17818862	3.1276350	21	7 29.8	19.5
249182 2008 CW_{119}	14.4	X	223.03639	319.97387	232.45993	8.19460	0.1012168	0.12504653	3.9605450	21	11 26.6	20.2
249183 2008 CX_{119}	14.8	X	65.77214	238.96790	336.11416	25.85264	0.1579729	0.17112488	3.2131225	21	8 2.6	19.4
249184 2008 CH_{126}	17.1	X	340.39637	95.50291	298.56141	2.34911	0.2335032	0.27266592	2.3553140	21	11 29.5	18.6
249185 2008 CG_{133}	15.6	X	3.13763	167.72083	153.19574	16.27090	0.1601080	0.18039312	3.1021019	21	9 3.7	18.9
249186 2008 CW_{133}	16.5	X	67.70761	208.75582	163.20492	7.06184	0.1257339	0.21085231	2.7956565	21	—	—
249187 2008 CB_{141}	16.0	X	216.10009	182.96889	173.10637	13.58956	0.1723633	0.23275074	2.6174316	21	3 26.9	20.4
249188 2008 CZ_{148}	16.0	X	74.99610	163.58994	157.77841	10.47454	0.1133421	0.19950261	2.9007057	21	12 13.4	20.4
249189 2008 CC_{158}	15.3	X	136.61827	198.28086	319.71217	17.17963	0.1167151	0.17569185	3.1571967	21	7 31.7	20.2
249190 2008 CZ_{165}	16.5	X	152.04125	74.74646	333.38137	10.86504	0.1949263	0.23186078	2.6241250	21	3 29.7	20.8
249191 2008 CW_{178}	15.0	X	58.58826	120.43956	136.14507	27.09394	0.1617055	0.17942184	3.1132872	21	9 11.6	19.4
249192 2008 CL_{185}	16.0	X	98.32690	155.92924	272.96889	11.95286	0.1469404	0.23033480	2.6357022	21	2 16.1	19.5
249193 2008 CK_{190}	14.9	X	63.03368	336.88426	278.90802	16.06025	0.1753423	0.17806705	3.1290585	21	9 5.6	19.5
249194 2008 CP_{200}	15.0	X	265.63493	229.48943	86.43941	5.96062	0.1400267	0.15912405	3.3727087	21	4 5.2	20.2
249195 2008 CY_{203}	15.9	X	198.35243	200.61217	114.55548	5.28053	0.0869766	0.21801019	2.7341239	21	1 20.4	20.0
249196 2008 CM_{206}	15.6	X	42.63370	136.33862	158.45781	15.83166	0.1208519	0.18357442	3.0661585	21	10 2.1	19.7
249197 2008 CC_{209}	15.3	X	213.66400	237.74128	274.02283	8.68728	0.0339605	0.19334027	2.9620189	21	10 11.6	19.8
249198 2008 DB_{5}	15.5	X	358.33801	173.69072	136.24204	9.72680	0.0836451	0.18404770	3.0608998	21	8 7.9	19.2
249199 2008 DF_{9}	16.5	X	297.64551	102.80777	173.54397	3.28103	0.1085144	0.23343209	2.6123358	21	3 16.5	20.1
249200 2008 DN_{9}	16.0	X	115.66991	185.61254	156.14535	10.04424	0.1577264	0.21248870	2.7812850	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249201 2008 DL_{13}	15.7	X	131.81896	321.72871	310.12665	4.03070	0.0677091	0.19815581	2.9138342	21	12 8.8	20.1
249202 2008 DO_{31}	16.6	X	28.21782	74.89808	118.99929	4.40295	0.1211863	0.23248530	2.6194235	21	4 18.9	19.3
249203 2008 DV_{36}	16.5	X	281.95690	73.91979	185.34093	5.21892	0.0149164	0.22290421	2.6939562	21	2 16.5	20.1
249204 2008 DN_{39}	17.1	X	334.60227	92.48737	345.32437	4.29102	0.2055668	0.27476434	2.3433067	21	—	—
249205 2008 DT_{39}	16.1	X	267.88888	245.31590	350.93587	3.88345	0.0187844	0.21421269	2.7663423	21	1 4.5	20.0
249206 2008 DX_{45}	15.1	X	92.35854	224.47217	4.60369	15.34683	0.2811533	0.17856293	3.1232627	21	9 26.6	20.1
249207 2008 DW_{48}	15.9	X	268.99619	177.89462	39.06932	13.95349	0.1976223	0.21245086	2.7816153	21	—	—
249208 2008 DP_{59}	15.6	X	68.66632	5.80204	189.66823	5.30322	0.0393077	0.16796102	3.2533470	21	6 16.6	20.1
249209 2008 DY_{59}	15.6	X	299.27695	1.08777	202.30927	11.36104	0.0812399	0.21443845	2.7644003	21	—	—
249210 2008 DN_{67}	15.0	X	258.76665	39.45746	292.07374	5.54564	0.0206761	0.15805805	3.3878562	21	4 25.4	20.0
249211 2008 DJ_{73}	15.5	X	271.38557	203.33776	167.92241	21.71609	0.0166043	0.17149668	3.2084768	21	7 2.1	20.5
249212 2008 DL_{84}	12.8	X	328.03094	103.56202	201.90392	25.60993	0.1694173	0.08222337	5.2376831	21	6 8.4	19.4
249213 2008 DS_{87}	16.3	X	151.35359	79.19424	281.80182	4.02731	0.0609217	0.21540846	2.7560952	21	1 22.9	20.2
249214 2008 EC	15.8	X	341.24862	69.69100	317.99278	5.01366	0.1150790	0.19101997	2.9859569	21	10 21.9	19.5
249215 2008 EO_{19}	16.3	X	316.04338	214.40899	190.09340	2.90856	0.0964666	0.18638833	3.0352205	21	10 5.6	19.9
249216 2008 EU_{73}	15.6	X	29.97992	183.03682	143.06773	11.17558	0.1196306	0.18528014	3.0473112	21	10 25.4	19.7
249217 2008 EB_{80}	15.5	X	341.81824	174.08105	164.10251	17.02847	0.1765799	0.17540784	3.1606037	21	8 13.5	19.2
249218 2008 EO_{86}	15.8	X	208.15506	38.80492	1.76925	13.39206	0.2643963	0.23898368	2.5717212	21	5 5.7	20.6
249219 2008 EB_{91}	14.7	X	123.62606	292.87871	211.82221	18.03644	0.1012865	0.16885188	3.2418938	21	6 25.9	19.9
249220 2008 EV_{98}	15.1	X	90.92207	210.06336	63.10866	18.67792	0.1427556	0.18351924	3.0667731	21	11 6.5	19.8
249221 2008 EZ_{99}	14.8	X	180.52788	61.55984	40.14884	23.19792	0.1256215	0.17172919	3.2055801	21	7 3.8	20.3
249222 2008 ES_{103}	16.1	X	36.73533	176.79816	158.12577	5.02555	0.0785978	0.19014289	2.9951321	21	11 7.6	20.1
249223 2008 EF_{105}	15.8	X	50.23765	184.20221	123.06921	8.10398	0.1213422	0.18552133	3.0446695	21	10 29.2	20.0
249224 2008 EB_{136}	15.2	X	254.22278	225.42601	173.26733	15.60313	0.1153317	0.17090447	3.2158844	21	7 1.7	20.2
249225 2008 FJ_{69}	13.2	X	263.09969	293.76447	68.08709	7.68928	0.0682804	0.08356037	5.1816628	21	6 5.5	20.0
249226 2008 FF_{100}	15.6	X	158.53814	107.34180	147.58328	7.27837	0.0719941	0.19037480	2.9926992	21	12 15.9	20.2
249227 2008 FZ_{120}	15.3	X	45.36937	223.76867	93.29616	6.33187	0.1591149	0.18003234	3.1062449	21	11 7.1	19.5
249228 2008 GH_{4}	15.3	X	22.40425	14.35561	287.20544	13.22592	0.2758585	0.24076827	2.5589976	21	9 29.9	18.2
249229 2008 GC_{12}	16.1	X	352.02463	111.11100	183.46492	8.44571	0.0294140	0.17174086	3.2054349	21	7 8.1	20.6
249230 2008 GZ_{21}	18.0	X	261.40640	289.67147	217.86003	20.55636	0.1661002	0.41813592	1.7711597	21	—	—
249231 2008 GH_{77}	15.4	X	348.72683	277.15800	87.93427	9.96810	0.1472153	0.17515782	3.1636106	21	10 10.7	19.2
249232 2008 GM_{93}	14.8	X	331.47976	314.41127	66.14334	22.30396	0.1781799	0.17269851	3.1935741	21	10 6.6	18.8
249233 2008 GV_{95}	16.2	X	16.74787	307.10784	101.20279	4.92641	0.0968578	0.19572350	2.9379251	21	—	—
249234 2008 GN_{100}	15.2	X	346.18899	142.82367	208.19046	20.72563	0.0917401	0.17272709	3.1932218	21	9 6.5	19.5
249235 2008 GT_{114}	15.4	X	259.31413	354.73465	73.87956	11.76833	0.2081038	0.17581667	3.1557023	21	8 5.8	20.3
249236 2008 GE_{122}	13.5	X	355.14248	78.81263	188.68320	12.60872	0.1323688	0.08300948	5.2045627	21	6 9.8	19.9
249237 2008 HJ_{10}	13.0	X	321.44018	88.16185	204.59040	14.20596	0.1211821	0.08242442	5.2291624	21	5 22.2	19.6
249238 2008 HO_{22}	15.6	X	175.97853	26.30059	187.66060	16.53021	0.0626593	0.18232874	3.0801082	21	11 16.3	20.4
249239 2008 HS_{35}	14.8	X	33.64182	270.83666	48.62451	22.90558	0.0357771	0.17653080	3.1471859	21	10 15.2	19.4
249240 2008 JK_{26}	15.4	X	105.08986	111.39815	132.83933	10.11716	0.0677609	0.17216183	3.2002075	21	10 8.8	20.2
249241 2008 OU_{22}	13.3	X	285.89316	290.43647	155.30393	3.36175	0.0362477	0.08421903	5.1546111	21	10 10.2	20.1
249242 2008 PX_{19}	16.7	X	221.15687	254.22910	42.71490	5.25612	0.1832939	0.25960024	2.4336941	21	1 15.9	20.8
249243 2008 QD_{5}	16.1	X	227.73985	222.82035	185.69227	4.23099	0.0715752	0.21147048	2.7902057	21	6 18.8	20.2
249244 2008 QE_{13}	16.3	X	292.87782	191.17127	168.10430	5.30006	0.0756998	0.21764503	2.7371812	21	7 5.8	19.8
249245 2008 QO_{48}	16.3	X	239.79869	119.85354	290.85514	4.59972	0.0914529	0.21502737	2.7593507	21	7 3.9	20.4
249246 2008 RS_{4}	15.4	X	112.87764	168.92241	310.63373	1.71048	0.1218416	0.12418729	3.9787924	21	5 20.1	21.2
249247 2008 RV_{9}	13.3	X	330.04393	204.80064	223.10706	6.71801	0.0936237	0.08039441	5.3168222	21	11 6.4	19.8
249248 2008 RC_{77}	16.0	X	180.44462	358.70951	25.68477	13.64225	0.0954453	0.19226066	2.9730971	21	4 1.5	20.6
249249 2008 RA_{106}	15.5	X	51.90586	301.45292	25.26207	11.72648	0.2035769	0.23348832	2.6119164	21	12 8.7	19.3
249250 2008 RZ_{112}	16.3	X	319.88302	89.86313	258.86694	3.88268	0.1303198	0.21967294	2.7203097	21	7 25.5	19.3
249251 2008 RO_{120}	16.7	X	334.34067	50.04035	307.65514	2.16576	0.1081851	0.22269328	2.6956571	21	9 5.0	19.6
249252 2008 RD_{130}	16.7	X	34.39866	144.60817	9.74379	11.35212	0.1701302	0.26982736	2.3718036	21	2 25.4	18.7
249253 2008 RC_{131}	16.3	X	75.99202	83.88054	334.43365	2.00173	0.0652790	0.17833318	3.1259447	21	1 8.8	20.4
249254 2008 SK_{2}	16.5	X	249.33439	210.96036	193.97109	7.83037	0.2183122	0.21339973	2.7733636	21	6 22.7	21.0
249255 2008 SC_{35}	15.8	X	298.82300	156.73888	185.26575	4.22593	0.0795499	0.21240788	2.7819905	21	6 20.7	19.4
249256 2008 SH_{38}	13.7	X	290.34425	285.74932	187.26092	7.29449	0.0130654	0.08178768	5.2562675	21	11 16.6	20.6
249257 2008 SF_{53}	16.9	X	337.10343	352.80564	36.00641	1.33376	0.1326993	0.22934147	2.6433073	21	10 26.5	19.5
249258 2008 SP_{53}	13.4	X	12.43483	206.11495	188.74863	8.15290	0.0094457	0.08326111	5.1940715	21	11 22.9	20.3
249259 2008 SA_{65}	15.9	X	293.45124	237.81163	174.21968	15.36195	0.0483587	0.22776107	2.6555209	21	9 22.9	19.3
249260 2008 SQ_{68}	16.1	X	15.55459	19.05331	308.78597	4.61093	0.1033168	0.22701700	2.6613202	21	10 3.0	19.2
249261 2008 SS_{72}	14.5	X	109.71849	327.23676	49.01560	28.59429	0.1593208	0.17815547	3.1280230	21	1 16.7	19.4
249262 2008 SR_{76}	16.7	X	235.54134	73.03062	341.18701	3.92570	0.0654959	0.21426945	2.7658538	21	7 6.8	20.6
249263 2008 SV_{81}	15.8	X	98.87498	179.52186	234.59222	16.12732	0.2691928	0.18081556	3.0972685	21	2 23.3	20.5
249264 2008 SB_{98}	16.2	X	201.12046	76.69809	0.42655	4.78716	0.0361600	0.20888632	2.8131705	21	6 27.2	20.2
249265 2008 SN_{103}	15.6	X	83.10182	116.14750	38.73410	20.17006	0.1039619	0.19549191	2.9402451	21	5 18.6	19.7
249266 2008 SD_{127}	15.4	X	207.07380	184.98641	218.76721	4.44547	0.2607016	0.12432794	3.9757911	21	5 17.9	22.0
249267 2008 SC_{128}	16.4	X	177.93902	205.32297	272.46467	3.23397	0.0105923	0.21129932	2.7917122	21	7 21.8	20.3
249268 2008 ST_{129}	16.3	X	155.03134	119.95138	256.47719	2.91779	0.0643276	0.18514343	3.0488110	21	2 19.4	20.8
249269 2008 SH_{159}	15.7	X	92.92962	166.91484	220.32494	4.58385	0.1803286	0.17749936	3.1357266	21	1 8.3	19.8
249270 2008 SA_{167}	15.4	X	89.10106	220.46045	198.66381	17.20918	0.1125263	0.18001910	3.1063972	21	1 28.4	19.9
249271 2008 SX_{184}	15.3	X	75.32866	60.66216	6.21033	16.36643	0.0948781	0.17752287	3.1354498	21	1 27.7	19.7
249272 2008 SS_{187}	15.5	X	87.63827	156.89904	231.25496	4.25208	0.1477991	0.17479243	3.1680180	21	—	—
249273 2008 SS_{197}	15.9	X	348.88331	311.80178	196.49424	9.13290	0.0457625	0.17525773	3.1624082	21	—	—
249274 2008 SH_{198}	16.0	X	156.03447	310.86147	70.84435	4.27480	0.0673861	0.18563044	3.0434762	21	3 2.4	20.5
249275 2008 SU_{203}	15.2	X	219.25109	253.53934	144.06232	3.78596	0.2110745	0.12495396	3.9625008	21	5 22.4	21.6
249276 2008 SY_{205}	15.6	X	59.04886	7.00079	65.79673	10.41519	0.0738873	0.17456345	3.1707878	21	1 5.2	19.9
249277 2008 SS_{224}	16.3	X	91.15669	348.39407	226.00470	3.88696	0.0494515	0.21503932	2.7592483	21	8 10.4	20.1
249278 2008 SV_{254}	15.4	X	35.10061	283.43680	173.12071	16.73871	0.2363883	0.17449445	3.1716236	21	1 1.3	18.9
249279 2008 SO_{262}	16.4	X	154.87048	339.09016	58.38494	3.90459	0.0568459	0.19157230	2.9802149	21	3 18.2	20.7
249280 2008 SK_{267}	15.9	X	52.44199	206.08147	225.48219	6.46906	0.1529947	0.17480367	3.1678822	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249281 2008 SV_{282}	16.4	X	0.61671	356.91006	320.43189	4.13256	0.0328944	0.21685162	2.7438536	21	8 22.0	20.0
249282 2008 SR_{283}	15.8	X	176.44570	140.73011	278.07829	16.49048	0.0899368	0.20100886	2.8861966	21	5 2.4	20.5
249283 2008 SM_{299}	15.9	X	128.94141	287.39834	189.77246	12.17250	0.0883578	0.20035237	2.8924979	21	5 29.4	20.3
249284 2008 SF_{300}	15.2	X	215.89952	144.74376	262.34952	1.72053	0.2258769	0.12582401	3.9442131	21	5 28.9	21.6
249285 2008 SP_{304}	17.5	X	2.20298	160.63810	59.81715	2.25847	0.1156990	0.27516826	2.3410130	21	3 31.8	19.6
249286 2008 TB_{5}	16.5	X	11.76062	309.39946	15.59465	5.65418	0.0741518	0.22508894	2.6764961	21	9 23.3	19.5
249287 2008 TG_{27}	16.1	X	74.71178	125.14122	190.19512	18.30287	0.3148825	0.23776112	2.5805295	21	12 29.3	20.8
249288 2008 TP_{31}	15.9	X	46.31678	38.52312	45.73945	4.50654	0.1657899	0.17410920	3.1763005	21	1 6.2	19.4
249289 2008 TW_{53}	16.2	X	94.66881	242.51009	170.49055	5.25301	0.1148859	0.18105237	3.0945671	21	1 31.6	20.4
249290 2008 TY_{64}	15.2	X	99.11171	162.76466	207.67259	23.47676	0.1748964	0.17566312	3.1575409	21	—	—
249291 2008 TF_{73}	16.5	X	159.40380	59.42195	348.15978	1.74458	0.1411508	0.19142968	2.9816949	21	4 8.3	21.1
249292 2008 TF_{103}	17.6	X	71.88730	195.08250	46.50008	3.66018	0.1727670	0.29754120	2.2221394	21	9 19.6	20.3
249293 2008 TG_{111}	15.5	X	76.26900	198.63514	229.29402	9.95441	0.2108534	0.17705836	3.1409312	21	2 5.0	19.5
249294 2008 TC_{118}	15.5	X	110.35352	305.48637	31.78041	3.42463	0.0452492	0.16687930	3.2673906	21	—	—
249295 2008 TS_{122}	15.9	X	123.42907	197.07651	187.77237	4.82972	0.1486897	0.18072511	3.0983018	21	2 5.4	20.4
249296 2008 TA_{132}	16.0	X	184.54120	322.49322	219.69528	17.84613	0.1293371	0.22653936	2.6650597	21	10 16.3	20.2
249297 2008 TL_{169}	15.6	X	61.84817	250.16181	275.24260	16.17578	0.1491394	0.18026253	3.1036000	21	5 11.3	19.8
249298 2008 TR_{170}	15.5	X	23.65498	97.05324	51.46498	15.78055	0.1168273	0.17827963	3.1265705	21	2 24.3	19.6
249299 2008 TB_{177}	15.3	X	223.37667	226.69973	79.09068	10.16581	0.1130303	0.18541905	3.0457890	21	2 10.6	20.2
249300 Karenmortfield	16.7	X	230.12525	121.55883	66.14206	3.63081	0.0558723	0.24110424	2.5566198	21	12 25.0	20.0
249301 2008 UD_{5}	16.1	X	128.79839	24.56962	341.43651	14.78932	0.0490107	0.17626858	3.1503062	21	1 12.9	20.8
249302 Ajoie	15.2	X	241.01351	258.35405	138.52627	5.61250	0.2999574	0.12702210	3.9193723	21	6 1.9	21.7
249303 2008 UG_{39}	18.0	X	128.99932	295.85234	259.21988	2.13280	0.0741361	0.29123847	2.2540847	21	9 9.4	21.0
249304 2008 UD_{42}	16.0	X	169.79183	161.14778	228.53612	15.22207	0.0728763	0.18835496	3.0140562	21	3 20.3	20.7
249305 2008 UC_{62}	16.3	X	35.50929	290.35466	18.76011	5.61229	0.0059224	0.21973210	2.7198213	21	9 27.7	19.9
249306 2008 UT_{74}	17.3	X	152.17161	286.12446	284.90751	3.83138	0.0851172	0.29885149	2.2156395	21	10 29.2	20.4
249307 2008 UE_{77}	15.0	X	248.20348	190.90188	65.10885	15.33495	0.0683265	0.17301877	3.1896319	21	1 10.2	19.9
249308 2008 UQ_{77}	16.3	X	337.80776	174.33627	46.69664	11.74821	0.0697438	0.26309970	2.4120658	21	3 5.8	19.4
249309 2008 UF_{83}	15.7	X	44.99662	5.55158	99.65225	6.49272	0.1236469	0.17796204	3.1302893	21	1 27.4	19.4
249310 2008 UO_{125}	15.5	X	143.13424	0.09906	19.46327	8.61816	0.0287287	0.17814091	3.1281935	21	2 11.7	20.1
249311 2008 UM_{128}	15.2	X	89.92284	107.73497	236.25776	9.54710	0.0681709	0.15881694	3.3770552	21	—	—
249312 2008 UX_{164}	15.7	X	110.11496	344.04626	225.10850	13.12442	0.1009639	0.21637818	2.7478545	21	8 29.7	20.0
249313 2008 UK_{168}	15.6	X	31.10836	36.99570	55.27298	12.13700	0.1514632	0.17044870	3.2216146	21	—	—
249314 2008 UO_{169}	16.4	X	65.18287	310.87220	187.74639	5.27337	0.0834777	0.18763563	3.0217545	21	4 4.3	20.4
249315 2008 UX_{174}	15.4	X	341.56498	350.00632	231.38283	6.54481	0.1805492	0.18683637	3.0303661	21	3 1.4	19.1
249316 2008 UF_{185}	16.0	X	292.22601	252.03040	57.53735	7.28431	0.0066606	0.19580048	2.9371551	21	5 11.4	20.0
249317 2008 UE_{201}	16.6	X	356.18614	68.35186	32.58515	13.27485	0.2225402	0.24101443	2.5572549	21	—	—
249318 2008 UH_{201}	15.5	X	120.47908	27.32457	232.21829	14.63611	0.1110193	0.22957830	2.6414891	21	11 19.4	19.5
249319 2008 UN_{201}	15.2	X	72.28580	352.93419	53.17639	13.84886	0.1167508	0.17034438	3.2229297	21	—	—
249320 2008 UR_{202}	15.7	X	96.52405	187.07018	233.42304	9.14722	0.1559263	0.18095938	3.0956272	21	2 14.9	20.2
249321 2008 UO_{215}	14.9	X	10.14430	229.68562	256.85967	11.84329	0.0301809	0.17600218	3.1534844	21	1 2.6	19.3
249322 2008 UZ_{217}	14.7	X	337.65933	298.54143	236.40735	15.63390	0.0443977	0.17782730	3.1318702	21	1 14.8	19.3
249323 2008 UJ_{225}	15.3	X	53.64431	222.36179	261.50934	11.42145	0.0645007	0.18037268	3.1023364	21	2 21.5	19.7
249324 2008 UR_{259}	15.3	X	208.92287	189.99162	241.42354	1.77688	0.2408307	0.12501257	3.9612623	21	6 20.0	21.8
249325 2008 UA_{273}	16.2	X	96.59929	212.54043	26.78863	4.05850	0.1453302	0.21748506	2.7385232	21	10 3.1	20.1
249326 2008 UU_{316}	16.2	X	116.48931	255.08132	294.21038	10.00387	0.0341938	0.19801156	2.9152492	21	8 6.6	20.3
249327 2008 UC_{317}	15.5	X	83.25311	7.42000	116.14920	17.40420	0.1384177	0.17534368	3.1613747	21	4 27.2	20.2
249328 2008 UK_{325}	15.4	X	186.65276	260.10226	42.47063	5.60080	0.1242581	0.17256019	3.1952804	21	1 3.8	20.5
249329 2008 UU_{340}	15.9	X	230.87823	280.60071	346.92078	3.31549	0.0812931	0.17467726	3.1694103	21	1 4.7	20.8
249330 2008 UZ_{340}	15.5	X	59.15090	67.74216	96.94050	17.69407	0.0603116	0.18243850	3.0788726	21	5 4.6	19.9
249331 2008 UB_{355}	15.5	X	278.24050	152.85332	60.27082	5.35343	0.1314539	0.17122183	3.2119095	21	—	—
249332 2008 UB_{359}	15.4	X	26.76198	315.88642	154.17066	14.29148	0.1307422	0.17369803	3.1813109	21	1 3.9	19.4
249333 2008 UK_{359}	15.5	X	347.34703	100.87281	73.50283	7.86555	0.0861629	0.17622632	3.1508099	21	1 28.5	19.7
249334 2008 UM_{365}	15.4	X	90.71381	305.02793	116.11932	13.30855	0.1409316	0.17801446	3.1296747	21	2 12.3	19.6
249335 2008 VL_{2}	15.8	X	202.71731	94.02918	270.76555	6.20713	0.1737443	0.19199641	2.9758245	21	3 25.1	20.9
249336 2008 VQ_{2}	15.6	X	284.08605	218.15224	252.07703	15.73282	0.1835028	0.22514731	2.6760335	21	11 4.8	18.8
249337 2008 VF_{3}	14.9	X	157.93256	89.36073	258.24749	15.33388	0.1104931	0.18025650	3.1036692	21	1 21.5	19.8
249338 2008 VT_{23}	14.7	X	2.21248	288.88755	79.62325	10.93734	0.1127815	0.14678200	3.5592147	21	10 29.6	19.3
249339 2008 VG_{64}	15.1	X	77.75474	116.70828	281.86218	9.42774	0.1849200	0.17166971	3.2063205	21	1 3.3	19.1
249340 2008 VH_{74}	14.9	X	177.70916	230.29647	97.86039	24.11549	0.2165241	0.17947121	3.1127161	21	1 28.8	20.3
249341 2008 WH_{4}	15.9	X	295.18007	274.97443	289.77854	2.33605	0.0610311	0.17620047	3.1511180	21	1 1.0	20.4
249342 2008 WM_{23}	15.2	X	262.77654	205.68288	47.83583	12.84190	0.0052597	0.17984929	3.1083522	21	1 31.4	19.8
249343 2008 WQ_{32}	15.0	X	150.02701	250.63042	104.34887	26.49032	0.2240069	0.17947128	3.1127154	21	2 7.4	20.3
249344 2008 WC_{60}	16.3	X	68.89417	225.23202	110.85236	3.86228	0.1261020	0.23420071	2.6066171	21	12 31.4	20.1
249345 2008 WU_{61}	16.7	X	145.88527	356.95999	76.63527	14.25644	0.1113398	0.26703271	2.3883231	21	4 24.7	20.3
249346 2008 WV_{61}	16.4	X	48.92412	108.02872	226.61380	4.15724	0.3300628	0.23257010	2.6187868	21	—	—
249347 2008 WE_{64}	15.3	X	120.46914	137.92205	267.38788	10.80695	0.1125190	0.17961047	3.1111070	21	2 18.4	20.0
249348 2008 WR_{97}	15.1	X	17.64161	32.94558	77.46205	22.88638	0.0669503	0.17190348	3.2034130	21	—	—
249349 2008 WX_{101}	16.4	X	165.22241	322.46477	93.35092	11.71836	0.1786018	0.26675587	2.3899752	21	4 26.4	20.3
249350 2008 WL_{113}	15.4	X	250.34335	179.72750	74.54432	7.40445	0.1192670	0.17200474	3.2021557	21	1 6.6	20.3
249351 2008 WC_{140}	15.2	X	109.53147	166.13247	303.69583	14.87276	0.0730133	0.17603041	3.1531472	21	4 18.2	20.0
249352 2008 XS_{3}	15.9	X	245.91170	177.59311	276.25059	7.97336	0.1341854	0.21235377	2.7824630	21	8 27.1	20.0
249353 2008 YM_{3}	15.5	X	58.33602	180.83324	279.63545	13.27363	0.1794636	0.17871936	3.1214399	21	2 11.0	19.4
249354 2008 YX_{7}	15.4	X	153.02731	359.83034	93.91848	12.77853	0.0864094	0.18957633	3.0010966	21	5 27.7	20.0
249355 2008 YD_{30}	15.7	X	94.66963	192.45300	285.08611	6.38636	0.1505362	0.17891735	3.1191368	21	4 25.1	20.2
249356 2008 YZ_{31}	16.1	X	136.53333	247.49342	291.19346	20.95048	0.2062848	0.27625104	2.3348918	21	8 23.9	20.3
249357 2008 YW_{34}	16.2	X	235.36678	226.14526	303.02418	26.24302	0.2119037	0.29777463	2.2209780	21	11 21.8	19.7
249358 2008 YQ_{36}	17.2	X	110.60216	295.43477	306.87331	2.71340	0.1370075	0.28597275	2.2816706	21	10 26.0	20.5
249359 2008 YK_{38}	16.2	X	283.15438	337.56791	108.03859	8.72292	0.1265947	0.21636334	2.7479802	21	10 14.9	19.7
249360 2008 YW_{40}	16.1	X	237.42065	169.49122	332.28713	7.61105	0.0623164	0.21492138	2.7602577	21	10 27.7	20.1

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249361 2008 YM_{89}	16.2	X	189.93933	318.70113	290.09374	10.74252	0.1381354	0.22809405	2.6529358	21	—	—
249362 2008 YR_{137}	15.4	X	291.94186	359.77380	280.42604	9.32502	0.0613275	0.17727189	3.1384085	21	3 23.3	20.0
249363 2008 YG_{142}	16.4	X	140.70848	275.28181	326.68390	4.38628	0.0504841	0.21533471	2.7567244	21	11 13.2	20.4
249364 2008 YN_{153}	16.7	X	115.68408	2.79957	299.58977	2.23493	0.1487211	0.22454765	2.6807956	21	—	—
249365 2008 YP_{163}	16.3	X	70.11520	196.29278	120.77004	5.40662	0.0627997	0.21401221	2.7680697	21	11 28.7	20.2
249366 2008 YY_{168}	16.2	X	112.84459	343.96259	299.66189	8.92131	0.1405202	0.21732757	2.7398461	21	12 10.4	20.7
249367 2008 YD_{171}	17.1	X	180.40019	274.09412	312.21783	5.45851	0.1328178	0.29795884	2.2200625	21	12 17.7	20.2
249368 2009 AX_{1}	15.6	X	83.57725	143.63981	322.95096	7.26484	0.1161986	0.17638145	3.1489621	21	3 22.9	19.9
249369 2009 AC_{8}	15.9	X	323.92072	72.64119	178.82450	13.31544	0.1477501	0.23722759	2.5843971	21	3 11.9	19.0
249370 2009 AV_{47}	16.7	X	342.41962	93.15329	177.12346	6.43936	0.1317226	0.25526039	2.4612011	21	5 11.7	19.2
249371 2009 AR_{50}	16.9	X	144.89266	122.90443	131.69642	7.84689	0.1036310	0.29482310	2.2357765	21	12 18.5	20.1
249372 2009 BX_{1}	15.3	X	78.95841	212.88109	289.03330	20.77871	0.1196212	0.17712008	3.1402014	21	4 26.6	20.0
249373 2009 BY_{1}	17.0	X	256.09156	249.10426	298.14021	5.34839	0.1000904	0.30284275	2.1961294	21	—	—
249374 2009 BC_{3}	14.9	X	90.34491	199.70034	268.32040	26.89047	0.1367864	0.17926029	3.1151574	21	3 26.8	19.8
249375 2009 BK_{3}	16.3	X	341.34934	216.07892	219.55800	6.39658	0.1250645	0.22650354	2.6653406	21	—	—
249376 2009 BM_{6}	17.2	X	170.25192	351.48901	232.68778	4.84870	0.1187232	0.29468645	2.2364675	21	12 4.9	20.2
249377 2009 BV_{10}	15.9	X	275.70369	107.41744	283.29816	10.21065	0.0272439	0.19781743	2.9171561	21	7 30.1	19.9
249378 2009 BJ_{16}	17.1	X	299.54274	148.98611	138.45291	3.91225	0.1763383	0.26058466	2.4275610	21	3 21.2	20.2
249379 2009 BO_{32}	16.8	X	79.19919	355.86485	305.59123	3.72420	0.0564324	0.21384757	2.7694902	21	11 17.2	20.7
249380 2009 BZ_{44}	17.0	X	47.65607	315.99936	316.69522	4.18001	0.2119726	0.27173880	2.3606682	21	9 30.2	19.8
249381 2009 BJ_{46}	16.3	X	63.67532	68.51471	302.28963	6.62487	0.0924683	0.22419873	2.6835763	21	—	—
249382 2009 BU_{49}	17.3	X	359.84949	297.91045	315.65463	3.95212	0.1592320	0.26119541	2.4237753	21	5 14.6	19.5
249383 2009 BF_{67}	15.7	X	103.10732	318.51213	155.30291	10.00655	0.0587186	0.17491874	3.1664927	21	4 23.8	20.3
249384 2009 BH_{67}	17.0	X	61.69395	124.63967	157.44386	7.32342	0.1127325	0.27975994	2.3153271	21	10 22.5	19.9
249385 2009 BV_{68}	15.4	X	173.33469	1.99583	304.66754	17.72211	0.2059232	0.23490909	2.6013742	21	—	—
249386 2009 BU_{75}	15.3	X	114.39804	127.20891	325.40436	26.17971	0.1583514	0.17529704	3.1619354	21	4 5.3	20.5
249387 2009 BN_{76}	15.9	X	99.31657	276.02386	331.08610	23.43324	0.2110556	0.27644918	2.3337760	21	10 13.2	20.0
249388 2009 BB_{85}	17.1	X	101.43162	348.00673	265.15733	1.93223	0.1200131	0.28474711	2.2882133	21	10 29.6	20.3
249389 2009 BO_{88}	16.4	X	34.03749	194.45871	146.99553	5.22914	0.0780438	0.21309437	2.7760124	21	11 16.1	20.0
249390 2009 BJ_{96}	16.6	X	260.29373	246.14803	341.43937	12.00315	0.2214143	0.22939013	2.6429335	21	—	—
249391 2009 BU_{108}	15.0	X	142.62673	247.94425	354.76492	14.34220	0.1113099	0.12595568	3.9414638	21	11 2.8	21.2
249392 2009 BX_{112}	15.5	X	38.26037	129.12918	93.59823	2.89426	0.1438976	0.17512275	3.1640329	21	6 21.2	19.3
249393 2009 BR_{113}	16.6	X	236.91956	111.81382	129.48316	27.88913	0.2474513	0.22862965	2.6487910	21	—	—
249394 2009 BD_{115}	16.2	X	159.24096	335.39687	86.35791	2.59274	0.0251946	0.17782910	3.1318491	21	4 20.1	20.6
249395 2009 BG_{118}	16.4	X	92.93942	47.56898	76.53812	2.57275	0.1217684	0.17920273	3.1158244	21	4 30.2	20.7
249396 2009 BF_{122}	15.4	X	0.90224	315.70603	322.91399	16.09536	0.1168626	0.18585363	3.0410392	21	7 3.5	19.2
249397 2009 BB_{125}	15.3	X	148.72048	15.04671	342.26756	11.65768	0.1117434	0.15703122	3.4026090	21	2 3.1	20.5
249398 2009 BP_{150}	17.0	X	174.25305	339.96061	223.56719	3.12014	0.0723355	0.29026231	2.2591355	21	11 14.7	19.8
249399 2009 BN_{187}	15.8	X	239.12614	264.14064	333.51289	14.15882	0.0820268	0.22551960	2.6730875	21	—	—
249400 2009 BZ_{187}	15.3	X	124.67409	182.53401	69.56513	12.79531	0.2624319	0.20368880	2.8608249	21	11 18.8	20.4
249401 2009 BV_{189}	17.0	X	343.32483	345.73651	301.62340	1.85157	0.1954229	0.25923120	2.4360033	21	5 30.3	18.9
249402 2009 CZ_{12}	15.6	X	144.14435	217.99832	176.17244	10.57843	0.1088049	0.17036108	3.2227191	21	3 7.7	20.4
249403 2009 CM_{15}	17.1	X	114.15371	293.32012	337.21336	5.21931	0.1564079	0.28950662	2.2630651	21	12 6.5	20.6
249404 2009 CE_{20}	15.9	X	100.80789	190.31584	296.56901	7.06819	0.0303851	0.17933998	3.1142344	21	4 26.7	20.3
249405 2009 CB_{42}	16.7	X	91.78715	143.18587	146.72146	5.41396	0.0537918	0.21297165	2.7770787	21	11 19.8	20.7
249406 2009 CT_{53}	15.6	X	298.39520	245.81689	279.86713	26.52612	0.1836512	0.22417109	2.6837969	21	—	—
249407 2009 CY_{56}	15.2	X	52.45363	175.74354	344.66303	9.46534	0.0323107	0.17509377	3.1643821	21	4 6.8	19.5
249408 2009 CP_{59}	16.0	X	200.49360	65.11109	184.30369	12.96077	0.1438590	0.21575311	2.7531593	21	—	—
249409 2009 CG_{65}	16.9	X	351.64815	135.49553	175.38830	5.08654	0.1593493	0.26720305	2.3873080	21	7 31.5	18.9
249410 2009 DX_{5}	15.8	X	149.73746	266.21240	162.00174	15.88980	0.1457889	0.17787429	3.1313187	21	4 29.7	20.9
249411 2009 DR_{6}	15.7	X	43.77748	92.27527	111.90268	10.07947	0.0879058	0.18168062	3.0874290	21	5 31.4	19.7
249412 2009 DH_{12}	15.5	X	125.60868	108.04836	345.16485	26.06154	0.2253425	0.17896448	3.1185891	21	4 26.5	20.9
249413 2009 DA_{36}	16.9	X	200.76672	186.43880	111.35966	2.53747	0.0743337	0.22724617	2.6595307	21	—	—
249414 2009 DC_{47}	15.2	X	116.01841	296.10733	159.34360	27.09752	0.2520155	0.17539538	3.1607534	21	5 12.2	20.7
249415 2009 DL_{69}	16.6	X	271.14500	308.56691	318.64960	2.50692	0.1884116	0.23867069	2.5739691	21	1 25.4	20.7
249416 2009 DN_{69}	15.0	X	181.66308	228.86066	326.84209	4.17133	0.1180916	0.12647222	3.9307246	21	10 19.8	21.1
249417 2009 DQ_{90}	17.0	X	29.17473	62.95222	176.81686	4.93287	0.0651377	0.26282304	2.4137582	21	6 19.8	19.7
249418 2009 DU_{103}	16.2	X	182.04563	73.59935	177.73048	7.76314	0.1844900	0.21262974	2.7800549	21	12 31.3	20.9
249419 2009 DO_{104}	17.1	X	32.14567	344.32127	2.67538	4.84153	0.1503968	0.28303734	2.2974191	21	12 14.1	19.8
249420 2009 DV_{109}	16.5	X	339.62483	106.67518	177.34027	8.01238	0.1607039	0.25862341	2.4398183	21	5 23.7	18.9
249421 2009 DA_{122}	16.8	X	301.66984	184.80063	145.96748	3.53576	0.1148265	0.25991625	2.4317211	21	6 2.3	19.7
249422 2009 DY_{129}	16.5	X	68.35371	91.25521	190.18200	3.63293	0.2335377	0.19144769	2.9815079	21	11 1.4	21.0
249423 2009 DJ_{136}	15.3	X	17.47456	156.04455	154.76198	12.63158	0.1669591	0.17876664	3.1208896	21	9 17.8	18.9
249424 2009 DT_{140}	16.3	X	174.36682	355.06059	253.17071	5.22691	0.1956069	0.21258822	2.7804169	21	12 21.2	21.0
249425 2009 ER_{3}	17.5	X	3.55085	158.06152	310.75289	4.19209	0.0817465	0.30982330	2.1630173	21	—	—
249426 2009 EZ_{3}	16.6	X	325.95851	165.75439	133.82830	6.98146	0.1166415	0.25824314	2.4422129	21	5 28.1	19.3
249427 2009 EH_{18}	17.0	X	343.11685	35.18789	264.25718	2.45206	0.1262254	0.26268809	2.4145848	21	6 26.4	19.0
249428 2009 EP_{22}	14.9	X	331.16655	354.92620	197.98622	9.65376	0.0143927	0.15010064	3.5065579	21	2 7.2	19.9
249429 2009 EG_{23}	15.5	X	352.80712	225.68083	63.66894	4.79115	0.1528939	0.17665345	3.1457289	21	6 30.2	19.0
249430 2009 EJ_{27}	16.8	X	312.23798	200.59762	135.82137	5.67762	0.1775698	0.25935188	2.4352475	21	6 17.3	19.3
249431 2009 EK_{28}	15.8	X	110.83556	8.08829	2.97389	17.90605	0.2340558	0.23294266	2.6159937	21	1 12.3	19.5
249432 2009 FU_{5}	17.1	X	343.75063	61.43411	217.86174	0.76525	0.1528771	0.25633546	2.4543148	21	5 24.1	19.4
249433 2009 FA_{6}	16.4	X	118.58001	143.74581	149.27577	4.96048	0.0359309	0.21081974	2.7959444	21	12 21.1	20.5
249434 2009 FN_{16}	14.9	X	283.12232	309.06033	354.55178	25.74637	0.1842955	0.17138243	3.2099026	21	3 25.7	19.9
249435 2009 FG_{18}	15.1	X	87.73555	302.42943	165.52847	27.12783	0.2247413	0.17315269	3.1879871	21	4 22.7	19.9
249436 2009 FL_{31}	14.9	X	39.41768	224.51134	15.14873	12.18470	0.0828161	0.17752212	3.1354586	21	7 10.9	19.2
249437 2009 FR_{43}	15.4	X	332.48819	213.57785	349.15438	3.57178	0.2050427	0.23410075	2.6073591	21	1 11.9	18.7
249438 2009 FT_{45}	15.1	X	75.30135	69.79255	85.68607	18.87778	0.1597561	0.17149929	3.2084443	21	5 25.8	19.6
249439 2009 FT_{52}	16.9	X	18.40841	327.87885	342.34690	7.33213	0.1540911	0.27330825	2.3516222	21	9 26.8	19.1
249440 2009 FX_{52}	17.5	X	15.77403	268.56937	51.60189	1.79837	0.1140149	0.27218495	2.3580878	21	10 4.0	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249441 2009 FL_{57}	16.5	X	69.50793	245.34748	38.59901	3.93457	0.1846788	0.18956238	3.0012438	21	10 29.7	20.9
249442 2009 FO_{57}	15.8	X	40.19033	69.03384	169.96928	5.53616	0.0870407	0.17714548	3.1399014	21	7 8.7	19.9
249443 2009 FZ_{61}	16.3	X	37.11081	87.05833	135.86753	1.94273	0.0914366	0.17360297	3.1824721	21	6 13.9	20.4
249444 2009 FS_{64}	15.6	X	341.29171	182.70643	86.22306	3.80767	0.0972779	0.17115743	3.2127151	21	5 17.8	19.5
249445 2009 FE_{68}	15.6	X	338.37269	179.20850	100.64834	3.20609	0.1618833	0.17071858	3.2182185	21	5 21.3	19.4
249446 2009 FS_{68}	14.9	X	247.12389	330.47301	45.68815	23.64822	0.1245192	0.17057958	3.2199666	21	5 22.7	19.9
249447 2009 FN_{69}	15.3	X	357.54665	326.22038	26.95742	10.28552	0.1178100	0.18978553	2.9988908	21	10 7.5	18.8
249448 2009 FU_{69}	16.0	X	69.78030	193.36039	78.52987	5.42431	0.0572870	0.19028743	2.9936152	21	9 30.4	20.2
249449 2009 GA_{4}	15.4	X	333.30494	24.85546	256.28472	4.78723	0.0999944	0.17157739	3.2074705	21	5 20.2	19.4
249450 2009 HF_{5}	17.0	X	277.00932	239.90408	126.33372	3.80796	0.1952141	0.26000892	2.4311433	21	6 4.8	20.4
249451 2009 HL_{5}	16.3	X	241.65142	126.50056	184.07501	10.77327	0.3178495	0.23225465	2.6211574	21	2 13.4	21.3
249452 2009 HV_{20}	15.5	X	242.90993	222.96794	78.48079	14.68058	0.2550292	0.22956503	2.6415909	21	2 12.9	20.3
249453 2009 HD_{39}	15.6	X	19.93914	249.56593	103.78505	10.88485	0.1471361	0.19168759	2.9790198	21	11 18.2	19.4
249454 2009 HH_{41}	15.4	X	10.63523	73.78022	198.08698	16.35218	0.0725562	0.17587551	3.1549984	21	7 4.4	19.8
249455 2009 HQ_{41}	16.0	X	340.57919	156.11152	170.00114	6.33082	0.1033100	0.17991582	3.1075860	21	7 30.0	19.9
249456 2009 HC_{52}	16.1	X	22.36892	182.88826	107.41794	3.16644	0.1891107	0.18153327	3.0890995	21	9 1.2	19.6
249457 2009 HF_{59}	16.5	X	150.99166	244.91951	87.93134	8.32243	0.0994351	0.30070498	2.2065256	21	—	—
249458 2009 HC_{65}	15.7	X	20.83188	165.79488	149.26749	11.88361	0.2313762	0.18172766	3.0868962	21	10 10.8	19.2
249459 2009 HT_{81}	15.8	X	8.93853	60.91893	232.14059	4.03781	0.1472587	0.17367074	3.1816442	21	8 3.3	19.6
249460 2009 HZ_{84}	16.6	X	302.42139	166.48315	179.68367	2.16284	0.2279377	0.25935904	2.4352027	21	6 6.1	19.2
249461 2009 HM_{91}	15.6	X	5.28296	263.58929	68.03771	8.33387	0.1164473	0.18505610	3.0497701	21	9 23.9	19.4
249462 2009 HF_{93}	15.7	X	333.59864	278.50696	98.60323	4.21937	0.1160147	0.18613769	3.0379445	21	9 28.9	19.3
249463 2009 HV_{96}	15.3	X	330.75226	216.12704	119.76562	12.20496	0.1079966	0.17590513	3.1546441	21	7 27.9	19.1
249464 2009 HH_{97}	15.8	X	18.66425	148.95064	186.37258	14.35725	0.1579957	0.18785606	3.0193902	21	10 22.9	19.5
249465 2009 HV_{102}	13.1	X	341.17760	167.08327	121.40794	11.57108	0.2016966	0.08340287	5.1881842	21	6 8.9	19.1
249466 2009 HV_{103}	16.1	X	15.26841	215.57054	149.07606	7.19568	0.1074026	0.19407097	2.9545794	21	11 19.9	19.9
249467 2009 HS_{105}	15.7	X	24.18068	43.59206	236.55230	4.58631	0.1352012	0.17692934	3.1424580	21	8 11.4	19.6
249468 2009 JG_{3}	15.1	X	96.12678	96.39805	85.50493	17.64241	0.0455185	0.17447391	3.1718725	21	7 4.9	19.7
249469 2009 JL_{5}	15.5	X	309.80191	177.17400	152.72186	17.84835	0.1663303	0.17307848	3.1888983	21	6 11.3	20.0
249470 2009 JA_{13}	15.7	X	142.15099	89.17248	68.79380	9.89263	0.0576012	0.18043577	3.1016131	21	8 3.2	20.4
249471 2009 KM_{5}	15.8	X	230.64712	122.40825	202.75001	11.81706	0.1457158	0.23096418	2.6309118	21	2 27.3	20.1
249472 2009 KV_{5}	15.7	X	69.49216	162.80851	147.77903	13.21355	0.1251626	0.19226008	2.9731031	21	11 26.7	20.2
249473 2009 KS_{10}	15.9	X	129.90321	335.50782	183.08106	17.04353	0.0718910	0.17594258	3.1541965	21	7 17.1	20.9
249474 2009 KB_{21}	15.2	X	10.14625	256.98273	74.09349	17.09928	0.2692779	0.17796581	3.1302451	21	10 21.4	18.7
249475 2009 KL_{23}	15.4	X	356.47559	234.76750	94.96277	10.51782	0.0813064	0.18128649	3.0919022	21	9 5.0	19.4
249476 2009 LS_{6}	12.6	X	270.12768	221.97471	128.82404	32.84096	0.0530799	0.08423728	5.1538663	21	6 10.8	19.8
249477 2009 OJ_{1}	16.3	X	59.76055	167.44030	216.90511	3.11688	0.0805168	0.19612647	2.9338995	21	—	—
249478 2009 ON_{3}	14.6	X	75.28114	347.39963	291.53676	20.47530	0.0499099	0.17607446	3.1526213	21	9 28.6	19.6
249479 2009 TN_{7}	15.9	X	42.98131	93.86869	314.39976	5.24684	0.2570009	0.18037917	3.1022619	21	—	—
249480 2009 TX_{17}	14.7	X	125.90415	222.30027	103.70280	18.16247	0.2021398	0.18424921	3.0586677	21	—	—
249481 2009 TE_{23}	12.9	X	347.52286	299.01040	111.62663	8.65190	0.0851087	0.08152847	5.2674025	21	11 13.4	19.5
249482 2009 TZ_{27}	15.1	X	87.11968	280.49843	97.34058	10.78204	0.0794669	0.18396569	3.0618095	21	—	—
249483 2009 UU_{26}	15.5	X	116.29136	277.43221	60.64303	11.32971	0.1627914	0.18339761	3.0681289	21	—	—
249484 2009 UL_{32}	15.9	X	41.79010	215.86943	226.63880	1.28513	0.1362943	0.18513288	3.0489269	21	—	—
249485 2009 UP_{37}	15.9	X	60.27427	202.83847	55.03807	13.82850	0.2132121	0.23480100	2.6021726	21	10 2.3	19.6
249486 2009 UO_{69}	12.8	X	338.79630	329.79315	86.80112	7.83762	0.0699577	0.08122818	5.2803768	21	11 8.4	19.5
249487 2009 UP_{87}	16.1	X	170.29032	256.77802	235.14748	10.67587	0.1451121	0.22393486	2.6856840	21	7 28.9	20.6
249488 2009 UN_{129}	16.1	X	141.83634	264.92756	255.63064	10.35408	0.1360590	0.22495399	2.6775664	21	8 5.9	20.4
249489 2009 UN_{131}	15.2	X	75.99156	246.77701	142.58543	15.38919	0.1423530	0.18354436	3.0664933	21	—	—
249490 2009 UV_{136}	16.2	X	218.56959	341.90513	89.21635	8.05783	0.0904618	0.22489168	2.6780610	21	7 6.2	20.0
249491 2009 UH_{149}	15.3	X	106.77222	281.33422	117.20380	13.35369	0.0900193	0.19268208	2.9687605	21	1 24.7	19.4
249492 2009 VW_{26}	15.5	X	313.12392	237.01786	249.61086	7.98981	0.0496648	0.17535634	3.1612225	21	—	—
249493 2009 VF_{32}	17.0	X	307.67938	208.03539	151.83332	4.38798	0.1922196	0.23441718	2.6050122	21	7 11.4	19.9
249494 2009 VV_{44}	14.6	X	172.95791	207.85336	128.61111	31.14135	0.2068948	0.17687250	3.1431311	21	2 2.2	19.9
249495 2009 VO_{116}	15.0	X	342.82466	69.91804	118.90313	12.77944	0.0175569	0.18155823	3.0888163	21	2 15.1	19.3
249496 2009 WR_{249}	15.6	X	316.95532	131.06729	314.14803	33.41608	0.3148591	0.24005302	2.5640782	21	12 5.8	18.2
249497 2009 XN_{15}	16.0	X	232.68114	303.80421	107.36721	5.52949	0.0982414	0.21515822	2.7582318	21	6 25.4	19.9
249498 2009 XU_{15}	16.7	X	270.80568	233.15844	149.63816	2.27492	0.1912849	0.22069793	2.7118805	21	6 20.7	20.6
249499 2009 XV_{18}	15.2	X	138.74783	97.11578	285.77100	12.29914	0.1402470	0.18631481	3.0360188	21	2 14.3	20.0
249500 2009 XL_{22}	15.3	X	10.22784	38.57198	93.15559	9.84773	0.0424929	0.17781219	3.1320476	21	1 9.2	19.4
249501 2009 YY_{3}	18.0	X	94.57224	303.84796	164.55021	1.89094	0.1654738	0.27961702	2.3161160	21	4 7.3	20.4
249502 2009 YL_{16}	15.6	X	159.94233	307.97997	278.82365	12.03340	0.1205390	0.22734726	2.6587422	21	11 15.9	19.9
249503 2009 YW_{20}	15.5	X	327.59499	195.48765	317.31202	8.55455	0.0897887	0.17231197	3.1983482	21	—	—
249504 2009 YB_{25}	15.6	X	282.72865	167.24587	71.47059	6.39056	0.0918145	0.17927010	3.1150436	21	1 23.7	20.2
249505 2010 AG_{6}	16.1	X	56.37662	337.04695	270.88219	6.91232	0.1691369	0.21437135	2.7649772	21	8 25.1	19.7
249506 2010 AK_{34}	16.8	X	212.59190	270.01885	194.26110	2.26796	0.1437889	0.21827944	2.7318750	21	8 6.8	21.0
249507 2010 AD_{54}	16.5	X	321.80707	147.11561	288.92699	10.65885	0.2216193	0.24013354	2.5635050	21	12 6.1	18.6
249508 2010 AE_{55}	15.8	X	93.86296	221.39974	334.82586	11.41549	0.1205266	0.20530592	2.8457827	21	8 3.6	19.9
249509 2010 AR_{61}	14.9	X	57.65768	173.74534	312.00680	16.85030	0.1061916	0.18498199	3.0505847	21	3 3.7	19.0
249510 2010 AT_{65}	17.0	X	353.15078	125.61971	101.53900	3.37287	0.1284467	0.27608931	2.3358036	21	3 24.4	19.3
249511 2010 AA_{76}	15.0	X	108.86253	255.99815	122.11477	12.54988	0.1487202	0.17546094	3.1599661	21	1 14.0	19.5
249512 2010 AT_{76}	14.9	X	359.07607	174.99036	315.93551	24.52528	0.0237569	0.17445204	3.1721376	21	—	—
249513 2010 CD_{41}	15.6	X	335.34584	210.74004	56.08141	7.70711	0.0547340	0.17866844	3.1220330	21	5 9.3	19.6
249514 Donaldroyer	16.2	X	153.42679	70.98033	157.08802	6.57608	0.0530844	0.21402797	2.7679337	21	11 13.6	20.3
249515 Heinrichsen	16.4	X	242.43275	88.78475	81.96890	12.22679	0.1320113	0.22466040	2.6798986	21	12 5.2	19.9
249516 Aretha	15.9	X	94.82743	22.06166	101.56035	10.41382	0.0544822	0.17510379	3.1642613	21	4 26.6	20.5
249517 2010 CM_{62}	15.2	X	17.41207	76.81546	120.66847	10.82239	0.0484885	0.18851054	3.0123976	21	4 13.7	19.3
249518 2010 CO_{70}	16.0	X	287.34126	273.04361	341.63903	2.60187	0.0409327	0.18539013	3.0461058	21	2 21.5	20.3
249519 Whitneyclavin	16.2	X	186.68946	359.27011	241.48126	7.22700	0.0889114	0.22463300	2.6801165	21	—	—
249520 Luppino	15.6	X	332.52872	94.03288	352.60485	7.25514	0.1365340	0.15501522	3.4320465	21	12 15.5	19.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249521 Truth	15.7	X	48.26074	318.21666	81.86091	27.82062	0.3031420	0.23410497	2.6073277	21	—	—
249522 Johndailey	15.8	X	284.57159	70.96896	78.24113	12.20498	0.1341505	0.22963540	2.6410512	21	—	—
249523 Friedan	15.2	X	249.72082	155.54533	201.65509	27.54269	0.1928514	0.17316992	3.1877757	21	4 30.3	20.4
249524 2010 ED_{34}	16.1	X	45.83207	14.21115	169.54142	0.96014	0.1789049	0.18431474	3.0579427	21	5 16.3	19.4
249525 2010 FM_{55}	17.4	X	326.08392	244.74194	11.68629	4.43150	0.2029932	0.26516748	2.3995099	21	3 9.9	20.0
249526 2010 FY_{84}	16.4	X	269.40921	13.60840	82.84781	6.22005	0.0356469	0.21379665	2.7699300	21	10 20.7	20.2
249527 2010 FQ_{91}	16.5	X	98.80988	156.97046	109.57249	3.27997	0.1755466	0.21033867	2.8002059	21	11 9.9	20.9
249528 2010 GS_{29}	17.0	X	324.32151	100.36925	138.70257	8.01646	0.0920557	0.26097084	2.4251656	21	3 2.4	19.9
249529 2010 GE_{31}	17.1	X	46.95582	227.17521	53.43055	3.53620	0.1402722	0.28659559	2.2783637	21	10 4.0	19.5
249530 Ericrice	17.3	X	0.74469	184.53147	119.73576	6.15538	0.2326170	0.27000514	2.3707624	21	8 19.5	18.6
249531 2010 GV_{117}	16.3	X	267.80530	274.94352	94.65135	9.99377	0.0635841	0.18906258	3.0065309	21	6 18.6	20.4
249532 2010 GN_{120}	16.4	X	19.45725	70.70412	164.78311	6.11655	0.1176236	0.18404800	3.0608965	21	6 4.5	20.2
249533 2010 GX_{125}	16.3	X	119.20858	167.10755	109.99604	6.15522	0.0825394	0.21892621	2.7264919	21	12 6.9	20.4
249534 2010 GY_{132}	15.7	X	222.52439	200.11895	186.22471	10.66663	0.1142727	0.18032521	3.1028808	21	5 15.8	20.7
249535 2010 GD_{135}	16.1	X	182.67951	2.04355	65.04266	5.10169	0.1225099	0.18997387	2.9969084	21	5 24.2	20.9
249536 2010 GF_{156}	15.4	X	306.24353	103.58637	182.13990	26.38847	0.1007053	0.17666718	3.1455660	21	4 19.3	19.8
249537 2010 GK_{157}	16.6	X	243.30348	277.60954	245.96325	2.83025	0.1212838	0.22581142	2.6707841	21	11 28.3	20.2
249538 2010 GT_{161}	15.1	X	316.83677	214.99082	71.38424	20.69050	0.1345277	0.17752408	3.1354355	21	5 4.3	19.4
249539 Pedrosevilla	15.2	X	28.64547	351.14979	279.62348	7.65845	0.1418003	0.18231120	3.0803057	21	8 7.2	18.9
249540 Eugeniescott	15.5	X	207.64126	306.18401	160.24220	19.88943	0.0847895	0.18449377	3.0559641	21	8 6.5	20.3
249541 Steinem	15.3	X	45.06873	350.11320	274.97534	9.49389	0.0946838	0.18428912	3.0582260	21	8 17.4	19.4
249542 2010 HS_{37}	16.3	X	242.84222	151.30740	121.47893	14.43063	0.2221358	0.23552645	2.5968265	21	1 6.7	20.7
249543 2010 HA_{40}	14.8	X	19.26147	315.97865	278.42604	19.65457	0.1297425	0.17213008	3.2006010	21	6 3.3	18.8
249544 Ianmclean	15.6	X	324.71826	169.98621	139.31768	15.55321	0.1822013	0.17268629	3.1937247	21	6 6.1	19.7
249545 2010 HB_{45}	12.7	X	353.98938	331.07141	295.55997	5.55345	0.0751271	0.08133074	5.2759364	21	6 7.7	19.3
249546 2010 HE_{47}	16.1	X	177.80859	185.59699	133.84757	15.71971	0.2602218	0.22585266	2.6704590	21	1 13.9	20.8
249547 2010 HZ_{83}	17.5	X	61.59632	342.71398	337.77404	2.99690	0.1864308	0.28678544	2.2773581	21	12 20.7	20.8
249548 2010 HT_{107}	15.7	X	141.03768	268.02348	51.39919	15.32604	0.2108537	0.22761880	2.6566273	21	—	—
249549 2010 JU_{33}	16.7	X	239.62910	348.77430	206.41525	3.22312	0.1036202	0.23056196	2.6339707	21	—	—
249550 2010 JY_{39}	16.2	X	185.31303	72.86139	101.09714	8.71374	0.1601973	0.21298220	2.7769870	21	10 10.2	20.8
249551 2010 JM_{72}	15.6	X	110.15205	293.11592	161.44164	10.40459	0.0774863	0.17358061	3.1827455	21	4 10.7	20.2
249552 2010 JQ_{84}	16.7	X	197.03629	144.40739	92.90718	6.26245	0.0898162	0.22936008	2.6431643	21	—	—
249553 2010 JV_{136}	15.5	X	63.91354	347.57834	309.64121	14.81813	0.2326682	0.19283494	2.9671914	21	11 10.4	20.2
249554 2010 JL_{150}	16.1	X	67.53105	313.56947	257.21268	2.02478	0.1552590	0.19176602	2.9782074	21	7 21.7	20.1
249555 2010 JN_{168}	15.8	X	328.19303	103.05921	214.53104	4.82552	0.0510450	0.18829956	3.0146473	21	7 3.9	19.9
249556 2010 KX_{29}	14.8	X	2.59207	356.04703	296.06289	21.85728	0.1712776	0.17534516	3.1613569	21	7 22.5	18.3
249557 2010 KW_{37}	17.1	X	246.70707	305.83733	234.44297	5.87149	0.0553789	0.22693523	2.6619594	21	—	—
249558 2858 $P–L$	17.8	X	66.40105	180.68925	161.07952	2.63940	0.1874902	0.29424081	2.2387251	21	—	—
249559 3079 $P–L$	16.6	X	223.68611	55.35481	294.49658	4.22956	0.3211643	0.23674949	2.5878753	21	3 18.6	21.4
249560 4176 $P–L$	16.5	X	288.24550	50.25872	263.47753	3.80104	0.1983722	0.25484703	2.4638617	21	4 5.8	20.1
249561 4547 $P–L$	15.9	X	205.75746	1.44339	6.66088	14.39347	0.1950257	0.23659136	2.5890283	21	3 30.4	20.2
249562 5019 $T–2$	16.1	X	257.55060	0.33508	339.72983	15.94023	0.1950497	0.24072394	2.5593118	21	4 3.9	20.4
249563 2233 $T–3$	17.4	X	293.05163	72.86295	312.82568	2.12796	0.2287110	0.26657313	2.3910673	21	7 19.6	19.9
249564 2238 $T–3$	16.8	X	304.39773	141.78379	242.01162	4.62875	0.2578279	0.26717582	2.3874702	21	7 29.7	19.1
249565 2298 $T–3$	16.9	X	196.29922	159.99105	209.30562	4.83612	0.2974205	0.23752559	2.5822351	21	3 24.7	21.7
249566 3386 $T–3$	16.7	X	150.16789	329.50346	19.29103	8.77501	0.1465927	0.27837642	2.3229922	21	1 6.1	19.9
249567 5102 $T–3$	16.6	X	113.96870	315.08289	51.44505	14.46795	0.2477952	0.23190420	2.6237975	21	1 9.3	20.3
249568 1985 RX	16.5	X	190.22150	73.84004	319.20087	13.67175	0.2583971	0.23590063	2.5940797	21	4 11.3	21.4
249569 1989 SL_{3}	16.5	X	220.02900	219.64309	168.95294	4.36165	0.3361654	0.23725314	2.5842116	21	5 3.6	21.4
249570 1992 SV_{2}	16.1	X	32.04506	89.29353	12.83894	1.94553	0.0316901	0.21911137	2.7249557	21	—	—
249571 1993 TM_{30}	17.0	X	161.63607	271.18659	143.01410	4.36150	0.2171451	0.23142459	2.6274213	21	4 22.1	21.4
249572 1994 RR_{18}	15.3	X	82.80060	302.04424	339.26113	15.19334	0.2209588	0.18872424	3.0101231	21	11 7.0	20.3
249573 1994 RA_{25}	15.6	X	32.88463	48.15005	277.94778	8.22638	0.1467342	0.18444941	3.0564541	21	10 25.9	19.6
249574 1994 UD_{10}	16.3	X	45.13117	338.37190	340.11784	2.66664	0.1709376	0.18357192	3.0661864	21	11 7.8	20.4
249575 1995 BM_{10}	16.5	X	151.44379	133.55964	327.95063	5.10456	0.2625578	0.23755005	2.5820578	21	6 11.2	21.0
249576 1995 FH_{2}	16.1	X	171.59218	290.93526	0.54417	14.42270	0.2981234	0.21440705	2.7646703	21	—	—
249577 1995 SH_{16}	15.6	X	359.57706	178.40598	176.49691	9.10571	0.0080923	0.19108822	2.9852459	21	10 6.9	19.6
249578 1995 SS_{24}	17.3	X	312.17188	252.19363	69.39980	2.17355	0.1326331	0.25897151	2.4376315	21	6 2.0	20.0
249579 1995 SC_{27}	16.6	X	241.79741	241.91545	192.65755	7.01779	0.1956812	0.25936140	2.4351879	21	7 24.6	20.4
249580 1995 SU_{34}	16.1	X	108.19905	260.57042	2.92284	2.80735	0.1526432	0.19323038	2.9631419	21	11 9.5	20.8
249581 1995 SX_{87}	17.6	X	230.39044	50.06994	62.47654	1.38860	0.1571430	0.26282630	2.4137382	21	9 8.0	21.0
249582 1995 SD_{88}	16.3	X	103.83761	270.32103	25.83284	7.34440	0.2073654	0.19711772	2.9240554	21	12 17.9	21.2
249583 1995 TB_{12}	16.1	X	68.04097	312.53544	348.26615	3.05206	0.1072973	0.19067345	2.9895735	21	11 6.4	20.3
249584 1995 UP_{10}	16.7	X	291.14052	151.30898	211.15419	5.55352	0.1140088	0.26015921	2.4302069	21	7 1.3	19.7
249585 1995 UF_{15}	17.2	X	164.58339	206.08623	270.84452	1.47763	0.0840335	0.25510675	2.4621892	21	7 6.2	20.5
249586 1995 WJ_{10}	15.7	X	76.08343	70.28997	230.47453	9.51994	0.1313267	0.19161991	2.9797211	21	11 19.9	20.1
249587 1995 WA_{23}	16.9	X	34.11004	44.15913	222.34434	5.44537	0.0951908	0.25989931	2.4318268	21	8 8.7	19.7
249588 1996 RP_{15}	17.0	X	99.93390	105.18182	179.14078	6.02735	0.1461953	0.28327395	2.2961396	21	12 10.1	20.5
249589 1996 TM_{19}	17.0	X	223.99611	127.36886	31.21977	3.10027	0.0707432	0.27715664	2.3298029	21	11 13.3	19.7
249590 1996 UG_{2}	15.9	X	73.53107	180.63688	217.83333	9.29672	0.1912322	0.20991430	2.8039786	21	—	—
249591 1997 BO_{5}	15.2	X	173.47710	231.17117	307.61332	9.41400	0.0899470	0.18501506	3.0502211	21	9 25.4	20.0
249592 1997 CL	15.7	X	51.53484	22.27748	307.40406	9.29013	0.1002910	0.18937245	3.0032502	21	11 19.3	20.0
249593 1997 CL_{9}	16.5	X	174.43856	198.52741	334.84367	8.99085	0.1326890	0.18336088	3.0685387	21	9 21.3	21.5
249594 1997 CK_{23}	17.2	X	292.38845	103.80551	321.09096	2.98290	0.1848744	0.26964303	2.3728844	21	9 23.4	19.3
249595 1997 GH_{28}	17.6	X	237.56907	105.28790	354.39272	7.01428	0.3706937	0.34713650	2.0050992	21	8 11.8	20.8
249596 1997 RG_{5}	16.4	X	126.25532	81.67779	338.44799	11.81264	0.2635545	0.22685413	2.6625938	21	3 27.7	20.6
249597 1997 SW_{17}	16.6	X	187.12349	296.40771	20.28473	11.93648	0.2190594	0.22350374	2.6891366	21	1 19.6	21.3
249598 1997 WB_{7}	16.1	X	55.67510	165.88419	289.26548	7.75263	0.2485146	0.21513100	2.7584644	21	1 31.4	18.5
249599 1997 YN_{3}	16.9	X	109.54135	50.13069	24.73264	1.48955	0.3035071	0.22142671	2.7059268	21	4 7.7	20.8
249600 1998 AP_{3}	16.1	X	161.14795	216.93443	106.51539	5.46454	0.0629752	0.21173103	2.7879161	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249601 1998 RY_{69}	17.1	X	251.24276	345.78977	18.18111	4.22346	0.2684974	0.24692695	2.5162689	21	4 27.7	21.2
249602 1998 SY_{44}	15.8	X	202.39319	83.84135	39.29430	0.45403	0.0862584	0.16572832	3.2825012	21	8 22.3	20.8
249603 1999 FO_{3}	15.5	X	80.84564	303.56681	184.05315	23.56263	0.3063422	0.22670726	2.6637437	21	5 15.4	19.3
249604 1999 HM_{12}	15.0	X	133.05964	107.99607	10.36258	29.76942	0.3124520	0.23149238	2.6269083	21	6 18.2	20.2
249605 1999 RS_{76}	15.4	X	13.94827	0.24950	5.44558	9.09131	0.1427748	0.18369243	3.0648451	21	11 16.4	19.3
249606 1999 RV_{93}	16.6	X	10.19583	342.69899	8.36356	12.62288	0.2038193	0.27202349	2.3590208	21	11 17.8	19.1
249607 1999 RB_{144}	16.1	X	346.90931	160.50507	209.50719	5.43026	0.2392809	0.17992993	3.1074234	21	10 10.4	19.0
249608 1999 RZ_{152}	15.7	X	329.03102	71.60895	325.16797	14.34561	0.2991108	0.17938576	3.1137046	21	9 23.6	18.6
249609 1999 RL_{161}	16.8	X	16.15647	148.80591	194.11623	6.97234	0.1454086	0.27306839	2.3529991	21	11 12.8	19.2
249610 1999 RJ_{176}	17.0	X	341.32733	48.78790	331.84599	5.03264	0.2835633	0.27078215	2.3662249	21	11 11.9	18.3
249611 1999 RX_{185}	17.3	X	23.10430	174.91008	146.97996	1.64656	0.1974531	0.27186320	2.3599480	21	11 1.8	19.7
249612 1999 RD_{207}	15.6	X	3.76151	38.32968	328.96648	14.98259	0.2405231	0.18083603	3.0970347	21	11 7.9	19.2
249613 1999 RH_{207}	15.6	X	353.76853	70.59121	305.19789	8.99358	0.1622746	0.18038505	3.1021944	21	10 25.7	19.3
249614 1999 TT_{4}	15.3	X	323.96375	53.88072	16.34645	27.05150	0.3372252	0.17958292	3.1114251	21	10 25.0	17.9
249615 1999 TB_{5}	19.0	X	290.43339	238.72954	195.59977	30.42853	0.3933583	0.35696163	1.9681356	21	8 30.6	21.1
249616 1999 TS_{13}	16.5	X	319.80605	286.25667	85.44675	4.39723	0.2353607	0.26635790	2.3923552	21	8 22.6	18.3
249617 1999 TP_{21}	15.2	X	306.61687	338.36917	48.10272	14.55937	0.2389141	0.17276191	3.1927927	21	8 13.5	19.3
249618 1999 TA_{30}	15.6	X	38.39774	333.69423	4.24862	10.39902	0.1198566	0.18280541	3.0747515	21	11 13.1	19.8
249619 1999 TY_{34}	15.4	X	6.26385	142.84596	210.19447	27.53493	0.2397997	0.17921255	3.1157105	21	10 31.3	18.6
249620 1999 TU_{35}	15.0	X	338.79417	329.35629	23.57209	28.87236	0.2043629	0.17579019	3.1560191	21	9 15.3	18.8
249621 1999 TO_{37}	16.4	X	25.58689	99.52095	208.31193	11.46213	0.1788286	0.27075486	2.3663840	21	10 11.2	18.8
249622 1999 TL_{42}	17.7	X	353.77777	82.76795	236.58318	1.01181	0.1988995	0.26739997	2.3861357	21	8 22.4	19.4
249623 1999 TP_{46}	15.4	X	46.85517	267.10736	19.45014	15.94830	0.0615542	0.17711788	3.1402275	21	9 20.4	19.7
249624 1999 TF_{47}	16.3	X	37.29532	111.67867	183.80475	10.09624	0.1016594	0.17775427	3.1327280	21	9 18.5	20.4
249625 1999 TY_{47}	17.7	X	12.64340	133.61738	175.28709	4.86526	0.1171298	0.26688787	2.3891871	21	9 9.6	20.0
249626 1999 TZ_{49}	17.2	X	278.67795	249.77462	182.97912	7.26412	0.0932562	0.26801107	2.3825072	21	9 27.8	19.8
249627 1999 TC_{60}	15.8	X	4.20314	334.74031	352.44721	9.98506	0.0962491	0.17799357	3.1299196	21	9 10.1	19.7
249628 1999 TQ_{62}	15.8	X	334.87760	290.92617	35.13527	5.71606	0.1480563	0.17124536	3.2116152	21	7 19.3	19.6
249629 1999 TO_{69}	16.4	X	293.66926	85.21543	333.52452	0.95597	0.2029387	0.17435833	3.1732740	21	9 3.7	20.2
249630 1999 TT_{71}	16.4	X	33.16783	271.71279	28.63996	6.91104	0.0979655	0.17576663	3.1563011	21	9 20.9	20.5
249631 1999 TH_{107}	16.2	X	3.03642	83.14296	233.89511	5.70581	0.1454171	0.26818354	2.3814857	21	9 3.3	18.4
249632 1999 TT_{109}	15.4	X	353.41216	158.30907	206.01506	9.70909	0.2103199	0.18013650	3.1050474	21	10 16.4	18.4
249633 1999 TT_{115}	15.5	X	54.73486	117.11881	226.46706	4.74472	0.1300810	0.18532492	3.0468203	21	12 15.7	19.7
249634 1999 TP_{116}	15.3	X	24.49806	345.55235	12.05167	12.05795	0.1977434	0.18292235	3.0734409	21	11 29.6	19.3
249635 1999 TQ_{120}	16.9	X	350.86021	58.76552	269.95341	1.94199	0.2775999	0.26733661	2.3865127	21	9 3.4	17.7
249636 1999 TT_{137}	15.8	X	318.12093	238.39633	201.61656	17.69449	0.2702872	0.18031998	3.1029407	21	11 10.6	18.8
249637 1999 TY_{137}	15.3	X	12.66607	279.19914	18.15616	11.07893	0.3370255	0.17734329	3.1375660	21	9 13.6	18.1
249638 1999 TP_{146}	16.2	X	334.74620	329.79748	54.08137	0.52718	0.2299291	0.17789738	3.1310476	21	10 1.9	19.3
249639 1999 TU_{162}	15.7	X	338.94830	165.12712	209.88316	5.66025	0.1428811	0.17818488	3.1276788	21	9 29.9	19.3
249640 1999 TW_{168}	15.4	X	293.94890	164.42728	235.01336	4.41402	0.1390399	0.17400292	3.1775936	21	8 17.7	19.6
249641 1999 TO_{182}	15.5	X	319.72783	166.95148	211.20504	8.02449	0.1098830	0.17735706	3.1374036	21	9 1.5	19.6
249642 1999 TU_{188}	15.4	X	263.62986	137.44665	318.36509	9.30850	0.1812041	0.17476867	3.1683051	21	9 11.0	20.1
249643 1999 TM_{190}	16.0	X	337.74229	347.11212	331.11722	14.64056	0.1731338	0.26338847	2.4103025	21	7 15.7	18.2
249644 1999 TB_{204}	15.8	X	311.66459	131.70406	229.33549	6.46478	0.1441859	0.17261489	3.1946053	21	7 24.2	20.0
249645 1999 TV_{212}	16.8	X	304.91345	155.75555	221.25295	5.04704	0.2297975	0.26497901	2.4006476	21	7 25.2	19.1
249646 1999 TN_{237}	15.6	X	280.26000	277.38131	180.70062	8.55349	0.3075034	0.17810415	3.1286239	21	9 19.0	19.8
249647 1999 TE_{238}	16.2	X	296.74391	287.28776	71.25557	7.24650	0.1230172	0.26184694	2.4197531	21	7 3.6	19.1
249648 1999 TU_{252}	17.2	X	0.19933	269.33233	30.35484	1.53813	0.1838023	0.26520531	2.3992817	21	8 5.0	18.8
249649 1999 TC_{256}	16.9	X	9.83874	173.86461	222.04968	4.72177	0.2308165	0.27603025	2.3361367	21	—	—
249650 1999 TB_{259}	15.8	X	302.26142	262.11861	145.00866	1.85929	0.1737614	0.17543473	3.1602807	21	9 6.8	19.6
249651 1999 TH_{266}	14.9	X	303.23263	198.93028	216.20277	16.66771	0.1802219	0.17765899	3.1338479	21	9 13.2	18.9
249652 1999 TY_{268}	15.5	X	1.61650	65.70091	275.50231	9.21861	0.0850571	0.17800379	3.1297997	21	9 17.8	19.7
249653 1999 TV_{314}	16.8	X	257.40534	282.20796	160.77040	5.55806	0.1886218	0.26290084	2.4132820	21	8 25.8	19.8
249654 1999 TR_{317}	16.3	X	316.93961	210.29840	216.68280	2.76534	0.1684224	0.18160386	3.0882990	21	10 29.8	19.8
249655 1999 TW_{317}	15.5	X	327.20490	52.11535	355.83076	9.14715	0.0633823	0.18219892	3.0815710	21	10 24.9	19.5
249656 1999 UU_{11}	15.6	X	334.74174	136.28689	214.56937	4.06491	0.1592877	0.17312236	3.1883594	21	8 18.2	19.3
249657 1999 UF_{45}	15.3	X	348.71565	147.69089	247.50155	14.17830	0.2306032	0.18059242	3.0998193	21	11 19.4	18.4
249658 1999 VL_{13}	16.4	X	273.58582	154.81614	242.17422	18.99156	0.0799808	0.35351426	1.9809101	21	7 26.7	18.9
249659 1999 VD_{14}	16.7	X	354.24087	355.87833	31.37110	24.72552	0.2546627	0.27071725	2.3666031	21	12 20.1	19.3
249660 1999 VK_{16}	16.3	X	25.44270	76.72406	227.01659	8.48539	0.0768969	0.17493553	3.1662900	21	9 5.6	20.6
249661 1999 VJ_{18}	17.3	X	321.62949	88.43664	275.37894	1.39305	0.2104776	0.26542782	2.3979406	21	8 14.2	18.9
249662 1999 VP_{27}	17.2	X	282.16748	107.93437	275.24765	2.15308	0.2398489	0.26217065	2.4177608	21	6 27.7	20.1
249663 1999 VO_{41}	17.3	X	323.83709	184.72823	209.73493	0.73127	0.1869530	0.27014716	2.3699314	21	10 15.2	18.8
249664 1999 VG_{42}	16.0	X	290.82074	151.93623	234.64169	6.90513	0.1972132	0.17201666	3.2020077	21	7 18.7	20.4
249665 1999 VJ_{53}	16.3	X	190.27876	225.07465	227.51407	6.75323	0.2112974	0.25334835	2.4735688	21	6 29.9	20.5
249666 1999 VM_{75}	15.8	X	321.17281	148.11611	214.85039	15.40679	0.0874228	0.17293480	3.1906643	21	8 13.8	20.3
249667 1999 VL_{102}	17.1	X	284.79882	130.21586	229.93120	2.53397	0.1143312	0.25896408	2.4376781	21	6 19.0	20.0
249668 1999 VX_{107}	16.0	X	279.95832	244.29456	166.15690	0.15078	0.1610875	0.16995797	3.2278129	21	8 10.9	20.5
249669 1999 VC_{110}	17.2	X	254.79854	184.05834	232.08170	2.17388	0.1795424	0.25986554	2.4320374	21	7 17.6	20.5
249670 1999 VE_{129}	17.1	X	339.86620	94.45956	253.98476	3.80212	0.2485400	0.26681009	2.3896514	21	9 1.8	18.5
249671 1999 VT_{132}	17.0	X	23.50658	10.50736	308.57885	1.94189	0.1476871	0.27098166	2.3650634	21	10 18.9	19.4
249672 1999 VE_{155}	16.2	X	319.70645	116.47002	224.53365	3.21438	0.1453810	0.17071940	3.2182081	21	7 11.6	20.2
249673 1999 VY_{157}	17.0	X	323.52227	68.94860	278.95377	1.00945	0.2254294	0.26347864	2.4097525	21	7 20.4	18.8
249674 1999 VM_{163}	17.1	X	253.99234	132.51007	292.50397	1.42646	0.2050211	0.26155236	2.4215696	21	7 25.9	20.3
249675 1999 VZ_{178}	15.2	X	321.58754	207.55767	200.66779	22.90899	0.1987224	0.17664820	3.1457913	21	10 9.0	18.6
249676 1999 VK_{185}	15.1	X	7.70615	277.41342	64.26569	16.87008	0.2519635	0.17682376	3.1437087	21	10 25.9	18.5
249677 1999 VU_{186}	16.6	X	292.23218	215.33147	192.79178	5.12020	0.1545119	0.26455500	2.4032119	21	9 1.8	19.3
249678 1999 VC_{211}	16.0	X	254.63214	341.55265	119.40154	2.38277	0.1450658	0.17260154	3.1947701	21	9 15.6	20.5
249679 1999 VB_{219}	15.6	X	343.92154	119.42940	307.00748	5.92859	0.2251410	0.18187096	3.0852745	21	12 22.5	18.6
249680 1999 VH_{227}	14.3	X	77.23395	55.59107	266.83975	21.05923	0.2997309	0.18839134	3.0136681	21	12 31.2	19.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249681 1999 XH_{117}	15.0	X	359.19113	117.48323	261.93263	12.33107	0.2252892	0.17896828	3.1185450	21	11 18.4	18.3
249682 1999 XW_{135}	17.1	X	254.94195	142.89647	268.58919	17.95736	0.0732901	0.34996407	1.9942843	21	7 24.2	19.5
249683 1999 XD_{155}	14.6	X	343.11464	153.26747	240.27047	9.49956	0.2137721	0.17617223	3.1514548	21	11 1.9	17.9
249684 1999 XN_{256}	16.8	X	321.80239	137.64834	264.72646	10.88572	0.2484451	0.26713922	2.3876882	21	10 12.5	18.7
249685 1999 YD_{4}	15.6	X	4.73972	41.71671	3.06451	23.32554	0.2980381	0.27120043	2.3637913	21	—	—
249686 2000 AV	16.3	X	40.21550	241.44192	287.15126	2.87804	0.1313047	0.23892795	2.5721211	21	3 30.6	18.9
249687 2000 AY_{42}	15.2	X	243.05833	228.86336	269.93676	22.34648	0.3797944	0.26283637	2.4136766	21	9 16.5	19.7
249688 2000 CL	16.6	X	67.18027	207.68933	334.14383	3.98708	0.1996743	0.24236624	2.5477372	21	6 18.8	19.5
249689 2000 CE_{132}	16.9	X	278.62402	130.47657	145.86670	3.79799	0.0240592	0.23544121	2.5974532	21	3 4.7	20.4
249690 2000 DP_{13}	16.6	X	86.49143	182.24125	331.29764	6.63227	0.0596368	0.24151776	2.5537007	21	5 12.9	20.0
249691 2000 DY_{21}	16.3	X	356.26713	50.57337	174.02601	4.35026	0.1118222	0.23866481	2.5740114	21	4 2.5	19.1
249692 2000 DE_{22}	15.6	X	310.79107	103.42707	322.12532	15.00843	0.2607740	0.17131732	3.2107158	21	9 25.2	19.3
249693 2000 DE_{30}	15.9	X	269.30075	259.88151	324.54430	11.18890	0.2180989	0.22561783	2.6723116	21	—	—
249694 2000 DW_{48}	16.4	X	22.04301	210.73413	328.17696	14.44475	0.0634963	0.23638798	2.5905131	21	3 9.9	19.6
249695 2000 DR_{57}	16.6	X	79.33640	358.77396	177.43622	5.97990	0.0822794	0.24272100	2.5452541	21	6 10.2	19.9
249696 2000 DO_{76}	16.1	X	354.31756	356.66625	178.11261	7.82476	0.1379214	0.23098198	2.6307767	21	1 16.5	19.2
249697 2000 EF_{16}	17.5	X	157.86641	289.84670	170.75625	1.30022	0.0981865	0.24442679	2.5333985	21	6 7.6	21.1
249698 2000 ER_{84}	15.8	X	84.20097	309.75480	217.76486	6.23538	0.1844167	0.24281377	2.5446057	21	6 20.7	19.1
249699 2000 EM_{143}	16.6	X	253.44896	36.34127	338.25890	3.48087	0.1728835	0.24637271	2.5200412	21	5 21.8	20.4
249700 2000 FB_{28}	16.2	X	84.58911	192.61601	316.76599	3.03898	0.0884412	0.23809186	2.5781391	21	5 10.6	19.4
249701 2000 GT_{8}	16.4	X	52.53995	172.97463	12.71065	4.48978	0.1297161	0.23933003	2.5692395	21	5 17.9	19.2
249702 2000 GC_{129}	16.4	X	197.58305	189.61398	153.54765	0.50372	0.1171216	0.22886436	2.6469796	21	2 21.5	20.5
249703 2000 GA_{166}	16.4	X	325.15758	219.49842	26.33766	1.94463	0.0468610	0.23305802	2.6151304	21	3 23.1	19.7
249704 2000 HO_{1}	16.0	X	34.51098	262.70231	223.13725	11.56841	0.0762181	0.22565370	2.6720284	21	1 19.8	19.4
249705 2000 HF_{72}	16.1	X	46.19459	56.37421	84.96915	2.67331	0.1501831	0.23053197	2.6341992	21	3 8.8	18.6
249706 2000 JJ_{8}	16.3	X	352.37324	351.33457	204.18317	14.10479	0.1082021	0.22975754	2.6401151	21	2 11.3	19.8
249707 2000 KA_{63}	16.7	X	173.40898	93.34226	183.72156	7.89613	0.2617204	0.21228550	2.7830595	21	—	—
249708 2000 OC_{47}	16.7	X	139.07192	352.31690	337.65824	7.45256	0.2676385	0.30049110	2.2075725	21	—	—
249709 2000 OL_{68}	18.1	X	158.27419	131.99860	159.42693	1.72620	0.1777936	0.30167050	2.2018150	21	—	—
249710 2000 QO_{13}	17.5	X	93.62711	196.23865	153.96716	4.64080	0.2362784	0.29754176	2.2221366	21	—	—
249711 2000 QM_{37}	17.2	X	146.54447	124.27920	162.62340	6.07953	0.1813077	0.29939057	2.2129791	21	—	—
249712 2000 QU_{68}	17.2	X	46.79335	150.86640	215.08269	6.74042	0.1471476	0.29136569	2.2534285	21	—	—
249713 2000 QX_{74}	15.7	X	76.51231	20.93092	333.94677	7.35856	0.1408320	0.20040723	2.8919701	21	—	—
249714 2000 QQ_{143}	16.8	X	117.06903	180.60828	145.30535	5.71462	0.2426872	0.29674322	2.2261214	21	—	—
249715 2000 QE_{179}	17.4	X	119.63688	31.30165	265.87367	4.57479	0.1771772	0.29619289	2.2288780	21	—	—
249716 2000 QF_{216}	16.9	X	86.97990	332.22169	41.03017	5.12330	0.1466738	0.29716606	2.2240092	21	—	—
249717 2000 QV_{228}	15.6	X	114.70684	5.43079	335.02808	9.02847	0.1278030	0.20367148	2.8609871	21	—	—
249718 2000 QS_{254}	16.5	X	72.21162	287.97549	82.60618	7.40773	0.2040435	0.29469728	2.2364128	21	—	—
249719 2000 RF_{25}	16.9	X	159.58279	55.84512	227.87913	9.19117	0.1601847	0.29870062	2.2163855	21	—	—
249720 2000 RV_{83}	17.3	X	92.06861	39.85314	286.09671	4.46456	0.1950692	0.29304827	2.2447946	21	—	—
249721 2000 RM_{86}	15.4	X	330.30797	195.58436	214.45854	10.13664	0.1219496	0.19040293	2.9924045	21	11 4.7	18.7
249722 2000 RU_{93}	16.0	X	78.93292	23.34700	359.30210	16.52822	0.2395845	0.20194454	2.8772746	21	—	—
249723 2000 SK_{10}	15.7	X	80.47645	123.63820	242.40770	15.10991	0.2889880	0.20130801	2.8833366	21	—	—
249724 2000 SR_{17}	17.1	X	128.19281	320.10673	340.87193	5.33837	0.2267699	0.29617074	2.2289891	21	—	—
249725 2000 SY_{25}	16.8	X	47.76997	187.41584	226.27490	6.22034	0.2689339	0.29649966	2.2273403	21	—	—
249726 2000 SS_{26}	17.1	X	66.25584	141.55026	269.31698	4.40192	0.1203305	0.29963346	2.2117830	21	—	—
249727 2000 SZ_{34}	16.8	X	34.95368	349.52537	86.26445	1.59567	0.2097347	0.29627679	2.2284572	21	—	—
249728 2000 SO_{35}	17.6	X	133.23225	132.21459	171.09180	5.63679	0.2250349	0.29722478	2.2237163	21	—	—
249729 2000 SH_{40}	17.3	X	30.81559	335.39779	57.96917	4.10300	0.1780439	0.29073551	2.2566836	21	—	—
249730 2000 SC_{45}	17.5	X	168.08428	76.90922	208.67230	25.34886	0.1711010	0.39443376	1.8414220	21	—	—
249731 2000 SS_{54}	17.0	X	64.09062	197.95485	184.00214	5.68912	0.1590185	0.29509852	2.2343851	21	—	—
249732 2000 SC_{82}	17.1	X	98.20383	281.19148	52.80702	6.53028	0.1948757	0.29427563	2.2385485	21	—	—
249733 2000 SL_{82}	16.9	X	47.11270	308.49560	89.92729	3.22921	0.2090008	0.29308170	2.2446239	21	—	—
249734 2000 SP_{88}	17.4	X	67.62730	178.98680	160.62948	6.14943	0.1663968	0.29003543	2.2603135	21	—	—
249735 2000 SA_{94}	15.4	X	280.41748	121.73333	309.27321	9.02431	0.1300697	0.18617788	3.0375073	21	9 9.2	19.6
249736 2000 SD_{104}	17.2	X	71.14064	323.43814	356.35674	2.90897	0.2084446	0.28976765	2.2617058	21	—	—
249737 2000 SE_{138}	16.9	X	74.01641	138.79947	233.84570	5.83062	0.1241316	0.29460926	2.2368582	21	—	—
249738 2000 SB_{159}	15.8	X	329.64540	213.88800	189.59707	10.22838	0.0241220	0.18931867	3.0038189	21	10 29.5	19.9
249739 2000 SN_{180}	15.3	X	338.17339	137.95445	248.49229	7.49069	0.0760126	0.18634558	3.0356846	21	10 14.6	19.2
249740 2000 SF_{192}	17.2	X	58.62363	24.71401	0.73816	5.99380	0.1789707	0.29392850	2.2403107	21	—	—
249741 2000 SE_{202}	17.6	X	100.91982	219.26852	140.90364	1.22296	0.1047666	0.29740277	2.2228290	21	—	—
249742 2000 SM_{207}	16.8	X	153.84371	259.13412	14.38518	7.71726	0.1463780	0.29398414	2.2400280	21	—	—
249743 2000 SR_{214}	17.3	X	81.11246	150.94180	183.59995	7.33497	0.1834140	0.29267014	2.2467277	21	—	—
249744 2000 SR_{233}	16.8	X	134.49804	161.38098	145.08699	8.85526	0.2094236	0.29731173	2.2232827	21	—	—
249745 2000 SU_{233}	17.0	X	70.03147	291.20197	74.68858	6.38556	0.1749949	0.29420507	2.2389064	21	—	—
249746 2000 SN_{236}	17.0	X	103.94774	333.18541	15.56301	3.81111	0.1089604	0.29577606	2.2309715	21	—	—
249747 2000 SE_{238}	17.0	X	87.26935	307.67405	82.72803	6.68969	0.1792767	0.29766329	2.2215318	21	—	—
249748 2000 SK_{239}	16.3	X	5.23173	351.98427	37.05065	2.38700	0.3038591	0.19069193	2.9893803	21	12 29.6	19.4
249749 2000 SV_{250}	17.4	X	40.96191	297.37559	95.00534	2.86168	0.1220939	0.29265551	2.2468026	21	—	—
249750 2000 SK_{282}	16.9	X	62.47073	109.83742	247.78494	5.83664	0.1399728	0.29244092	2.2479016	21	—	—
249751 2000 SM_{306}	14.9	X	230.26605	196.03255	260.96487	8.69555	0.0805399	0.18127523	3.0920303	21	8 17.7	19.6
249752 2000 SR_{306}	17.0	X	32.59887	76.77628	328.17324	4.74866	0.1601780	0.29187705	2.2507957	21	—	—
249753 2000 SO_{307}	17.0	X	98.82815	88.67122	293.88286	5.16258	0.1653619	0.29835439	2.2180999	21	—	—
249754 2000 SB_{326}	17.2	X	179.17070	56.66529	201.19699	4.34727	0.0302493	0.29353162	2.2423296	21	—	—
249755 2000 SJ_{350}	12.7	X	286.49572	319.42834	38.76649	22.58190	0.0746505	0.08374637	5.1739875	21	6 25.6	19.7
249756 2000 SD_{362}	16.9	X	358.22937	307.10100	106.97737	4.87292	0.1122451	0.29021586	2.2593766	21	—	—
249757 2000 TG_{7}	15.9	X	50.41158	322.87701	2.91533	8.57575	0.0882475	0.19175023	2.9783709	21	11 11.4	20.1
249758 2000 TG_{13}	17.7	X	91.49899	153.26097	199.35472	5.28621	0.1988967	0.29488217	2.2354779	21	—	—
249759 2000 TM_{27}	15.9	X	65.30524	215.24744	139.48191	2.84305	0.0971845	0.19785376	2.9167990	21	—	—
249760 2000 TD_{49}	15.6	X	29.28521	313.10141	60.02041	10.25958	0.1504329	0.19297224	2.9657838	21	12 23.6	19.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249761 2000 UG_{35}	15.3	X	339.38938	161.93314	223.74774	9.11258	0.0819879	0.18630419	3.0361342	21	10 16.6	19.1
249762 2000 UM_{37}	15.3	X	333.05410	197.42408	217.63868	16.28498	0.1438453	0.18781055	3.0198780	21	11 15.5	18.7
249763 2000 UW_{61}	15.6	X	24.35395	153.97922	233.55016	9.74885	0.1312553	0.19288116	2.9667174	21	12 31.2	19.6
249764 2000 UN_{62}	16.8	X	58.07425	11.17237	1.55433	6.39439	0.1183752	0.29106995	2.2549546	21	—	—
249765 2000 UU_{68}	15.1	X	69.13185	70.31359	264.38097	9.08776	0.0848024	0.19289639	2.9665612	21	12 17.0	19.3
249766 2000 UF_{97}	15.3	X	9.83935	129.60348	253.61980	9.17513	0.1269570	0.18938934	3.0030716	21	12 4.5	18.8
249767 2000 VK_{9}	15.5	X	295.26354	117.56534	218.43007	15.30394	0.2472900	0.17701165	3.1414837	21	5 15.1	20.0
249768 2000 VO_{29}	16.5	X	316.44478	192.47776	219.61976	9.15981	0.1949852	0.27961435	2.3161308	21	10 28.4	18.0
249769 2000 VT_{51}	16.7	X	53.85732	314.76133	13.40244	6.95960	0.1437044	0.28524642	2.2855422	21	12 15.9	19.8
249770 2000 VL_{53}	15.1	X	15.45873	128.51540	253.04839	8.24307	0.1081779	0.18971828	2.9995994	21	12 8.6	18.9
249771 2000 VS_{53}	17.3	X	48.64595	78.65681	300.48315	2.91225	0.1677063	0.28983155	2.2613734	21	—	—
249772 2000 VF_{62}	15.5	X	321.42505	106.02149	344.67886	25.83216	0.3227912	0.28261931	2.2996840	21	—	—
249773 2000 WV_{8}	15.2	X	336.24904	131.75785	275.72461	10.89727	0.2070613	0.18415529	3.0597076	21	11 6.7	18.5
249774 2000 WD_{18}	15.3	X	281.91667	218.75798	230.37900	9.98208	0.0844126	0.18377465	3.0639310	21	10 12.2	19.6
249775 2000 WO_{40}	14.8	X	344.42892	137.02228	242.93716	18.25427	0.2032000	0.18284755	3.0742791	21	10 15.0	18.2
249776 2000 WD_{44}	15.4	X	39.29917	117.13234	219.08971	8.74097	0.0440647	0.18717169	3.0267457	21	11 5.9	19.4
249777 2000 WE_{50}	17.2	X	31.60691	170.93338	205.65469	5.02780	0.1143040	0.28613426	2.2808119	21	—	—
249778 2000 WS_{64}	16.6	X	351.29656	16.22445	44.71204	2.83294	0.0940705	0.19108769	2.9852514	21	12 21.4	20.4
249779 2000 WG_{67}	14.6	X	261.29698	227.84057	232.87509	27.31838	0.2426773	0.17975231	3.1094701	21	8 30.3	19.8
249780 2000 WD_{86}	15.5	X	1.22808	136.79743	264.37735	15.72051	0.1522303	0.18798914	3.0179651	21	12 16.3	19.0
249781 2000 WV_{121}	16.6	X	7.76966	277.65160	158.00155	5.95092	0.0612895	0.28989321	2.2610527	21	—	—
249782 2000 WU_{126}	16.8	X	355.85740	320.00389	77.57989	4.06991	0.2028480	0.28342337	2.2953325	21	—	—
249783 2000 WH_{137}	17.8	X	68.14055	13.47547	358.84497	2.61655	0.1959898	0.29194285	2.2504575	21	—	—
249784 2000 WD_{146}	15.3	X	328.47512	155.83801	184.08062	17.94104	0.2562821	0.18079499	3.0975034	21	7 9.9	19.0
249785 2000 WU_{150}	17.1	X	27.19293	114.81815	284.18813	19.70514	0.1117889	0.38203802	1.8810413	21	—	—
249786 2000 WD_{169}	15.0	X	277.80834	320.63022	132.19713	10.56660	0.2495101	0.17890596	3.1192691	21	9 21.8	19.3
249787 2000 XE_{34}	15.9	X	355.71755	130.33468	296.48052	23.14389	0.1667221	0.28462184	2.2888846	21	—	—
249788 2000 XA_{53}	14.9	X	253.81963	163.72359	291.88494	27.02035	0.1072501	0.17790833	3.1309192	21	8 28.3	19.9
249789 2000 XC_{53}	14.8	X	225.95295	145.02164	310.25610	17.36009	0.1927116	0.17252694	3.1956909	21	8 3.9	20.0
249790 2000 YN_{1}	15.0	X	242.65581	108.47965	349.72937	26.39987	0.1127754	0.17663067	3.1459994	21	9 5.5	19.6
249791 2000 YK_{2}	16.9	X	351.69531	129.39760	252.48494	5.14167	0.1243420	0.28162080	2.3051166	21	11 24.6	18.9
249792 2000 YN_{10}	17.3	X	304.37548	322.76212	141.49024	3.77715	0.2045448	0.28245800	2.3005595	21	12 26.2	18.7
249793 2000 YB_{14}	16.9	X	308.35001	196.87899	254.32212	4.84560	0.1214212	0.28160329	2.3052122	21	12 16.4	18.8
249794 2000 YO_{21}	15.3	X	261.91246	276.87562	160.63138	20.96563	0.1136238	0.17353718	3.1832765	21	8 29.1	19.8
249795 2000 YS_{44}	17.1	X	298.29892	215.43552	240.82530	2.02460	0.1656814	0.27918104	2.3185267	21	11 30.1	19.0
249796 2000 YE_{56}	15.6	X	351.64781	129.80465	263.53593	9.83095	0.2100670	0.18400779	3.0613425	21	11 22.2	18.7
249797 2000 YX_{59}	17.2	X	330.52661	169.33412	247.95182	0.68392	0.1572485	0.27984287	2.3148697	21	12 9.7	19.0
249798 2000 YZ_{63}	16.7	X	351.74692	276.25479	126.05426	6.29220	0.1939982	0.28067681	2.3102822	21	—	—
249799 2000 YX_{81}	16.4	X	86.18069	119.98954	269.84609	2.23932	0.2677130	0.29499304	2.2349177	21	—	—
249800 2000 YA_{91}	17.2	X	294.98969	285.82947	149.09599	2.15741	0.1824738	0.27638494	2.3341377	21	10 18.3	19.1
249801 2000 YS_{93}	16.2	X	324.05562	320.81948	94.18136	1.86690	0.2534889	0.18323367	3.0699586	21	10 21.8	19.1
249802 2000 YZ_{138}	15.6	X	298.39272	152.45419	285.87741	8.99077	0.1309259	0.18082541	3.0971560	21	10 13.0	19.6
249803 2001 AV_{7}	16.0	X	323.46711	346.36793	83.70261	3.44406	0.2594520	0.18468250	3.0538817	21	11 11.0	18.8
249804 2001 AG_{30}	15.2	X	259.65039	167.73357	290.65074	10.48759	0.2531184	0.17787968	3.1312554	21	8 29.9	20.1
249805 2001 AW_{45}	17.4	X	302.26696	130.27607	329.83195	20.44470	0.0803147	0.37513767	1.9040379	21	—	—
249806 2001 BB_{24}	17.1	X	301.95131	113.76018	314.03345	2.27254	0.1486201	0.27585783	2.3371101	21	10 23.5	19.0
249807 2001 BP_{58}	14.7	X	246.72588	155.63011	311.85999	27.10335	0.1541880	0.17473548	3.1687062	21	9 1.0	19.8
249808 2001 BL_{79}	16.9	X	197.46947	19.41707	123.23927	3.68598	0.1617548	0.26842884	2.3800345	21	9 13.6	20.4
249809 2001 CL_{31}	15.1	X	270.15900	82.22119	318.15804	14.13255	0.0990947	0.16897338	3.2403395	21	7 27.4	19.6
249810 2001 DR_{34}	15.6	X	308.70893	291.98491	139.38654	21.28972	0.2610327	0.18110311	3.0939891	21	10 16.2	19.3
249811 2001 DX_{38}	15.1	X	307.17348	272.36036	185.99875	4.67320	0.1167583	0.18269755	3.0759615	21	11 28.5	18.9
249812 2001 DW_{75}	16.3	X	253.18869	282.60722	154.59595	9.41060	0.0885372	0.26650191	2.3914933	21	8 28.2	19.2
249813 2001 DB_{100}	16.7	X	192.10351	235.89643	264.19421	4.18020	0.1769840	0.26577251	2.3958668	21	8 31.5	20.6
249814 2001 DG_{103}	15.5	X	269.87620	73.69339	10.37420	15.58026	0.2476688	0.17446672	3.1719596	21	9 3.3	20.2
249815 2001 FW_{4}	17.2	X	291.82451	95.88032	344.01410	22.58598	0.0951341	0.36876344	1.9259166	21	11 7.7	19.4
249816 2001 FD_{90}	19.1	X	303.69031	47.77966	202.19295	7.29622	0.4773815	0.33654111	2.0469660	21	—	—
249817 2001 FL_{105}	17.2	X	190.97558	141.58125	12.74246	1.70779	0.1270121	0.26693130	2.3889279	21	9 23.1	20.5
249818 2001 FT_{114}	17.0	X	165.21228	143.42494	32.18457	2.83796	0.1332383	0.26596524	2.3947093	21	9 24.8	20.5
249819 2001 FA_{117}	16.5	X	101.92343	230.01606	314.55825	13.28804	0.1318625	0.25821396	2.4423969	21	7 30.5	19.8
249820 2001 FO_{148}	17.1	X	326.74834	118.19637	344.90524	17.98724	0.1500289	0.37549679	1.9028237	21	—	—
249821 2001 FS_{150}	16.6	X	186.78403	228.69708	286.66845	4.58768	0.1859399	0.26437001	2.4043329	21	9 14.5	20.4
249822 2001 FY_{177}	16.8	X	92.97921	64.75264	149.83758	2.92142	0.1438341	0.25792413	2.4442262	21	8 30.5	20.2
249823 2001 FK_{219}	16.8	X	210.35797	306.40747	185.60175	4.09925	0.1150337	0.26559118	2.3969572	21	9 14.9	20.1
249824 2001 GU_{6}	15.4	X	47.68031	234.57124	40.19912	22.51185	0.0850371	0.25970098	2.4330647	21	9 26.1	18.8
249825 2001 HT_{43}	16.3	X	71.83181	180.29264	34.69207	6.63585	0.0968958	0.25414741	2.4683814	21	7 28.8	19.4
249826 2001 HB_{51}	16.3	X	95.10595	290.44526	264.81591	4.33141	0.1327339	0.25583588	2.4575088	21	8 3.5	19.7
249827 2001 KR_{54}	16.6	X	101.97574	80.11820	119.20490	2.82393	0.1523171	0.25598102	2.4565798	21	8 21.8	20.1
249828 2001 KX_{61}	16.4	X	242.13713	190.25559	69.99453	10.26042	0.1902740	0.23169808	2.6253533	21	—	—
249829 2001 LH_{18}	15.8	X	292.22901	122.18131	121.80005	18.49908	0.1642489	0.23596354	2.5936186	21	1 20.5	19.5
249830 2001 OD_{12}	16.4	X	160.09493	174.82473	122.44768	13.96347	0.2503956	0.21604954	2.7506404	21	—	—
249831 2001 OW_{24}	16.1	X	208.88983	61.65679	290.84190	8.62907	0.1997137	0.22970488	2.6405186	21	3 11.1	20.7
249832 2001 OU_{37}	15.7	X	201.04039	295.61026	98.33328	13.44125	0.2608372	0.23275427	2.6174051	21	5 2.8	20.5
249833 2001 OP_{41}	15.5	X	188.43235	66.00430	354.92214	16.10299	0.2386774	0.23476656	2.6024270	21	5 14.9	20.4
249834 2001 ON_{57}	16.1	X	205.93856	6.49951	297.86917	10.31928	0.1772566	0.22470605	2.6795356	21	1 15.9	20.6
249835 2001 OD_{66}	15.4	X	201.18719	46.12148	303.96598	11.83574	0.2853171	0.22638480	2.6662725	21	3 2.8	20.4
249836 2001 OJ_{88}	16.7	X	155.01165	225.27960	134.71346	9.04225	0.2585634	0.22271006	2.6955216	21	2 13.1	21.2
249837 2001 OE_{97}	16.1	X	189.58375	44.52347	327.92538	10.68811	0.3105106	0.22797426	2.6538651	21	3 21.9	21.1
249838 2001 OR_{104}	15.5	X	171.73077	350.07755	357.78092	27.56421	0.2238865	0.22008224	2.7169358	21	2 20.7	20.4
249839 2001 PB_{10}	16.0	X	191.82417	249.45437	131.79116	11.19919	0.1806753	0.23118230	2.6292568	21	4 9.0	20.5
249840 2001 PT_{16}	15.7	X	104.37804	143.27733	257.76665	13.34081	0.1119396	0.22095374	2.7097869	21	1 18.3	19.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249841 2001 PA_{33}	15.9	X	233.57024	277.86905	6.60831	11.91785	0.2578946	0.22697284	2.6616654	21	1 16.5	20.8
249842 2001 PF_{33}	16.9	X	258.15906	243.50882	36.82057	8.36169	0.1909207	0.22934500	2.6432801	21	2 2.3	21.3
249843 2001 PD_{34}	16.0	X	162.88624	207.56350	195.92127	13.90361	0.2471722	0.22660910	2.6645129	21	4 10.6	20.5
249844 2001 PA_{35}	16.1	X	195.71132	91.09147	232.03770	12.97946	0.1560228	0.22324736	2.6911949	21	1 24.6	20.8
249845 2001 PT_{43}	16.2	X	183.06546	234.96396	86.61208	6.02137	0.1724407	0.22335991	2.6902908	21	1 17.0	20.5
249846 2001 PU_{46}	16.4	X	162.68776	289.96342	30.81082	11.96394	0.1812888	0.21959431	2.7209590	21	—	—
249847 2001 PE_{59}	15.9	X	123.52854	285.87400	73.57462	9.59847	0.2997368	0.21618193	2.7495173	21	1 21.6	20.1
249848 2001 PJ_{67}	16.3	X	143.70084	218.12109	132.21620	10.68477	0.2027055	0.21925575	2.7237593	21	1 17.2	20.4
249849 2001 QA_{11}	16.1	X	167.22962	198.53911	158.17444	6.30674	0.2498898	0.22316702	2.6918408	21	2 17.5	20.6
249850 2001 QC_{17}	16.3	X	167.61879	245.72276	133.25644	9.57830	0.3826954	0.22439128	2.6820409	21	3 25.1	21.5
249851 2001 QY_{41}	16.0	X	226.27885	344.40845	329.86454	3.10115	0.1619283	0.22896003	2.6462423	21	2 13.3	20.4
249852 2001 QV_{46}	16.2	X	150.22927	1.76471	325.38184	11.64293	0.1678334	0.21918689	2.7243297	21	—	—
249853 2001 QC_{49}	16.4	X	159.40536	35.69104	323.40505	4.13141	0.1628221	0.22333647	2.6904790	21	2 7.9	20.5
249854 2001 QG_{53}	16.4	X	163.20254	211.56990	151.01478	12.88674	0.1755143	0.22439744	2.6819918	21	2 16.1	20.5
249855 2001 QV_{55}	16.6	X	162.07934	0.97340	340.89829	4.97508	0.2260266	0.22139342	2.7061981	21	1 27.1	20.9
249856 2001 QV_{56}	16.5	X	164.74071	223.56116	123.00617	8.77872	0.1922722	0.22260001	2.6964100	21	1 31.5	20.8
249857 2001 QL_{104}	16.4	X	145.65283	48.91666	339.34994	7.14189	0.3223969	0.22198986	2.7013485	21	3 14.1	21.1
249858 2001 QZ_{118}	15.9	X	171.70941	63.22811	246.75187	6.07542	0.0823500	0.21833136	2.7314419	21	—	—
249859 2001 QK_{119}	15.7	X	159.18920	26.59434	334.16160	12.61951	0.1264353	0.22030812	2.7150784	21	2 8.5	19.7
249860 2001 QL_{124}	16.1	X	215.99467	15.68352	336.47686	12.08304	0.1965988	0.23087951	2.6315550	21	3 17.7	20.5
249861 2001 QC_{131}	16.5	X	180.14115	159.83446	191.40793	7.46222	0.2145163	0.22461481	2.6802612	21	2 17.9	21.1
249862 2001 QB_{133}	17.0	X	171.84621	74.03264	258.64683	6.64729	0.2461313	0.22172985	2.7034599	21	1 23.1	21.7
249863 2001 QP_{133}	15.7	X	174.26516	73.98542	308.63685	11.62127	0.2833651	0.22612918	2.6682815	21	3 21.0	20.7
249864 2001 QC_{160}	16.0	X	104.69415	45.36484	339.53872	11.61080	0.1802998	0.21763359	2.7372771	21	1 15.3	19.7
249865 2001 QN_{162}	16.5	X	129.11985	211.06438	153.88374	5.32223	0.1597115	0.21957155	2.7211470	21	1 14.0	20.4
249866 2001 QM_{165}	16.1	X	167.91720	19.36109	3.07421	10.14005	0.2241035	0.22644200	2.6658235	21	3 19.5	20.5
249867 2001 QP_{170}	15.9	X	105.75552	102.03487	335.49455	13.44947	0.0546351	0.22579975	2.6708761	21	3 1.0	19.4
249868 2001 QO_{171}	16.2	X	189.08658	146.62206	206.99441	9.18540	0.1787209	0.22741812	2.6581899	21	2 25.4	20.6
249869 2001 QF_{172}	16.0	X	95.34558	123.61669	288.97462	7.85448	0.1665654	0.21983987	2.7189324	21	1 31.0	19.4
249870 2001 QV_{182}	15.9	X	169.75533	324.84042	76.03982	12.69970	0.2896719	0.22772348	2.6558131	21	4 19.4	20.8
249871 2001 QZ_{190}	16.2	X	188.27495	124.82648	227.32112	8.18510	0.1467301	0.22643304	2.6658938	21	2 21.4	20.6
249872 2001 QF_{201}	16.1	X	216.10240	22.89382	323.24474	9.28433	0.1000756	0.22812760	2.6526757	21	3 12.6	20.2
249873 2001 QJ_{202}	16.2	X	159.18631	205.95701	183.19416	14.04264	0.2565650	0.22586374	2.6703716	21	3 21.6	20.7
249874 2001 QH_{207}	15.3	X	189.46633	69.52461	260.67563	24.24919	0.0605722	0.22274383	2.6952492	21	1 19.4	19.6
249875 2001 QH_{210}	16.1	X	181.29547	355.61321	325.81887	9.13858	0.1181124	0.22215510	2.7000088	21	1 13.1	20.3
249876 2001 QS_{213}	15.8	X	221.21205	348.33396	332.76959	11.55367	0.1982834	0.22710084	2.6606652	21	2 17.1	20.2
249877 2001 QG_{227}	16.0	X	181.65567	342.39665	290.86859	9.06080	0.1597697	0.21596942	2.7513206	21	—	—
249878 2001 QY_{246}	15.9	X	120.18945	13.75285	13.99960	11.31115	0.2647367	0.21708081	2.7419220	21	2 19.9	20.1
249879 2001 QK_{253}	16.3	X	176.48320	171.50572	144.40992	10.42725	0.2243862	0.22087497	2.7104311	21	1 7.4	20.9
249880 2001 QT_{266}	16.7	X	157.08568	126.35709	182.09905	13.87455	0.2580996	0.21847996	2.7302032	21	—	—
249881 2001 QF_{271}	16.1	X	156.15177	14.51356	330.54416	13.39393	0.1606314	0.22242697	2.6978083	21	1 21.4	20.3
249882 2001 QP_{271}	16.1	X	146.22225	348.00574	346.19349	11.19418	0.1505018	0.21965121	2.7204891	21	—	—
249883 2001 QB_{279}	15.7	X	217.07814	277.29129	17.47714	14.01410	0.0992182	0.22363849	2.6880562	21	1 17.5	20.1
249884 2001 QV_{286}	15.9	X	119.48196	167.38908	223.60916	13.65464	0.1940598	0.22014313	2.7164348	21	2 4.1	20.1
249885 2001 RW_{9}	16.0	X	158.94841	113.61021	225.98573	24.08574	0.1879427	0.22048025	2.7136651	21	1 11.3	20.8
249886 2001 RY_{11}	17.4	X	331.71532	71.50511	295.50862	22.84565	0.2834363	0.54564350	1.4831898	21	—	—
249887 2001 RR_{29}	16.9	X	154.17914	138.71258	168.61684	9.76826	0.2380600	0.21685121	2.7438571	21	—	—
249888 2001 RD_{34}	16.0	X	247.12405	302.75568	311.80564	11.79019	0.0617315	0.22246382	2.6975103	21	—	—
249889 2001 RS_{43}	15.9	X	185.18230	5.58849	342.53678	10.67878	0.1336451	0.22380704	2.6867065	21	2 18.4	20.0
249890 2001 RN_{51}	15.5	X	95.24994	151.99044	202.21844	13.54505	0.1986293	0.21262239	2.7801190	21	—	—
249891 2001 RS_{61}	16.8	X	134.58855	260.98625	81.12009	4.43239	0.2009201	0.21672583	2.7449152	21	—	—
249892 2001 RU_{66}	16.1	X	82.18185	96.75931	319.34314	8.03014	0.2242159	0.21473172	2.7618828	21	1 27.7	19.0
249893 2001 RS_{72}	15.7	X	117.29233	216.32526	199.51406	9.45840	0.2141035	0.21925092	2.7237992	21	3 10.2	19.7
249894 2001 RF_{95}	16.4	X	137.07868	116.83397	279.39150	3.97376	0.2377412	0.22088868	2.7103190	21	3 8.6	20.7
249895 2001 RU_{102}	16.6	X	130.71521	338.90967	11.92434	6.52471	0.1541054	0.21734561	2.7396945	21	—	—
249896 2001 SK_{4}	16.2	X	132.97232	204.62892	171.37295	10.06822	0.2345291	0.21800441	2.7341722	21	2 8.9	20.4
249897 2001 SD_{11}	15.5	X	97.44130	128.89326	315.32635	12.50977	0.1464879	0.22299515	2.6932237	21	3 8.8	19.1
249898 2001 SG_{11}	16.6	X	90.17466	175.18212	213.54779	6.25673	0.1774194	0.21488473	2.7605716	21	—	—
249899 2001 SL_{12}	16.4	X	222.25517	31.59417	268.40180	5.02506	0.0898861	0.22320112	2.6915666	21	1 24.4	20.6
249900 2001 SZ_{60}	16.4	X	154.55636	144.94390	182.66976	5.22548	0.2986284	0.21705682	2.7421240	21	1 8.9	21.0
249901 2001 SZ_{82}	16.2	X	143.32310	8.08638	341.57766	12.40121	0.1348588	0.21933976	2.7230637	21	1 11.3	20.3
249902 2001 SX_{86}	16.6	X	194.06320	118.56955	202.72082	3.09527	0.1691406	0.22345673	2.6895137	21	1 24.7	21.1
249903 2001 SK_{89}	16.5	X	176.86498	77.20625	218.16265	4.66650	0.0566875	0.21654931	2.7464067	21	—	—
249904 2001 SG_{90}	16.0	X	276.19598	68.11634	181.06378	11.08958	0.0328218	0.22353770	2.6888641	21	1 24.4	20.0
249905 2001 SK_{91}	16.5	X	53.86093	111.86663	277.32275	3.35020	0.0779839	0.21079959	2.7961226	21	—	—
249906 2001 SE_{94}	16.8	X	157.41237	15.21237	341.84263	7.08113	0.1583635	0.22101613	2.7092770	21	2 4.7	21.0
249907 2001 SQ_{104}	16.9	X	121.07519	147.60351	195.70610	3.59063	0.1058442	0.21410262	2.7672903	21	—	—
249908 2001 SR_{143}	16.5	X	111.09131	96.63356	310.57624	3.05375	0.2212527	0.21898510	2.7260030	21	2 22.8	20.3
249909 2001 SC_{152}	15.8	X	64.18417	95.02101	4.12788	12.40068	0.2138275	0.21667120	2.7453766	21	2 24.9	18.7
249910 2001 SO_{162}	15.8	X	43.99340	119.22898	10.33563	13.46072	0.1473315	0.21852587	2.7298208	21	2 22.9	18.8
249911 2001 SN_{166}	16.0	X	63.23079	256.96656	177.93089	8.34774	0.2800776	0.21437368	2.7649572	21	1 23.4	18.6
249912 2001 SW_{170}	16.7	X	117.23352	81.20370	285.57397	3.60067	0.1264298	0.21632535	2.7483019	21	—	—
249913 2001 SS_{179}	16.3	X	176.73871	338.39304	332.35997	14.07980	0.2416000	0.22183852	2.7025770	21	1 5.3	21.1
249914 2001 SX_{181}	16.0	X	154.54281	356.26819	345.16095	5.12271	0.0756185	0.22065359	2.7122438	21	1 4.5	19.9
249915 2001 SQ_{192}	16.2	X	210.04343	249.28470	352.46855	3.11379	0.0403019	0.21333821	2.7738967	21	—	—
249916 2001 SV_{204}	16.0	X	68.36875	4.50704	37.53788	3.88171	0.0679022	0.21382154	2.7697149	21	—	—
249917 2001 SN_{234}	16.2	X	56.51919	237.44323	188.22880	12.49392	0.1844120	0.21170339	2.7881588	21	—	—
249918 2001 SS_{259}	16.0	X	172.15352	158.39933	180.66028	9.05130	0.0711835	0.22040394	2.7142914	21	1 18.5	20.1
249919 2001 SL_{261}	16.1	X	161.02748	102.18881	209.54777	10.55170	0.1108651	0.21374327	2.7703911	21	—	—
249920 2001 SK_{288}	15.9	X	127.98884	36.67425	342.18832	12.11532	0.1846931	0.21814230	2.7330199	21	2 5.7	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
249921 2001 SV_{292}	16.4	X	94.74720	27.23965	349.50569	4.14884	0.0839134	0.21354948	2.7720669	21	—	—
249922 2001 SG_{295}	16.6	X	193.18351	115.39153	179.56760	5.24939	0.0990516	0.21957432	2.7211241	21	—	—
249923 2001 SZ_{319}	16.1	X	104.44532	249.04914	177.32621	10.17126	0.1176269	0.22005043	2.7171976	21	2 22.6	19.8
249924 2001 SR_{322}	15.8	X	174.05935	52.79974	261.14706	8.36129	0.1715089	0.21790391	2.7350128	21	—	—
249925 2001 SJ_{333}	16.8	X	162.15471	167.27482	174.29366	5.04594	0.1248768	0.21933798	2.7230785	21	1 16.8	20.9
249926 2001 SQ_{346}	15.8	X	188.77567	352.99513	289.24239	11.46373	0.1355954	0.21635524	2.7480488	21	—	—
249927 2001 SS_{353}	15.3	X	338.41181	128.98092	335.29554	12.66314	0.2087792	0.20147867	2.8817081	21	—	—
249928 2001 TV_{3}	15.8	X	150.29400	302.25765	18.36429	12.03189	0.1545211	0.21376612	2.7701936	21	—	—
249929 2001 TD_{14}	16.5	X	74.55633	33.06130	15.55939	4.23275	0.0645912	0.21387894	2.7692194	21	—	—
249930 2001 TO_{15}	16.0	X	149.50905	319.21605	33.16466	10.42753	0.2430665	0.21894796	2.7263114	21	2 2.1	20.5
249931 2001 TH_{44}	16.3	X	112.24130	73.21763	343.01864	7.70385	0.2674353	0.21493933	2.7601041	21	3 13.7	20.4
249932 2001 TJ_{52}	16.3	X	172.22157	152.27658	189.70500	7.48958	0.2012784	0.22053808	2.7131907	21	1 31.3	20.9
249933 2001 TB_{54}	15.8	X	188.51322	234.93686	143.16468	12.40593	0.2090466	0.22417421	2.6837720	21	4 2.8	20.5
249934 2001 TA_{93}	15.7	X	117.40669	56.42670	337.78742	6.37778	0.0468586	0.21753831	2.7380763	21	1 22.6	19.4
249935 2001 TE_{115}	15.8	X	175.10598	326.22703	28.54714	9.63437	0.1804450	0.21939203	2.7226312	21	2 22.8	20.3
249936 2001 TR_{124}	16.0	X	61.71829	125.32585	303.83727	8.75270	0.1270910	0.21404275	2.7678063	21	—	—
249937 2001 TP_{127}	16.2	X	161.65690	136.94603	197.82761	8.91220	0.1313575	0.21727845	2.7402590	21	1 8.5	20.5
249938 2001 TN_{128}	16.0	X	78.64071	169.75431	241.44392	9.28452	0.2396353	0.21421764	2.7662997	21	1 14.5	19.1
249939 2001 TX_{141}	16.4	X	134.97082	264.03931	57.30434	8.37263	0.1732736	0.21312780	2.7757221	21	—	—
249940 2001 TL_{166}	15.9	X	70.86952	161.11562	287.34591	7.54231	0.1688757	0.21501043	2.7594955	21	2 9.8	19.0
249941 2001 TZ_{167}	15.4	X	79.23252	150.05544	267.43891	11.46512	0.1188572	0.21231582	2.7827946	21	1 8.6	18.7
249942 2001 TB_{168}	15.0	X	66.69988	213.43695	244.92601	24.60016	0.1709233	0.21476178	2.7616251	21	2 6.3	18.8
249943 2001 TD_{177}	16.1	X	118.27758	102.06232	222.31401	5.67266	0.0532132	0.20932482	2.8092404	21	—	—
249944 2001 TV_{178}	16.4	X	77.72795	136.01520	259.38815	3.28175	0.1031707	0.21181210	2.7872047	21	—	—
249945 2001 TS_{179}	16.3	X	163.16182	118.54378	230.79879	5.02599	0.0280447	0.21758162	2.7377130	21	1 17.6	20.1
249946 2001 TP_{187}	16.3	X	101.09048	48.20789	9.50488	9.17372	0.2240997	0.21561747	2.7543138	21	2 28.3	19.9
249947 2001 TU_{196}	16.2	X	103.28546	235.11800	124.53327	9.65983	0.2092508	0.21110497	2.7934254	21	—	—
249948 2001 TT_{198}	16.5	X	107.56204	220.61129	145.10807	9.83388	0.1839533	0.21415541	2.7668356	21	—	—
249949 2001 TZ_{199}	15.8	X	63.02790	320.59574	102.13037	8.68685	0.1550612	0.21374593	2.7703681	21	—	—
249950 2001 TQ_{212}	16.2	X	83.38397	115.96842	284.82429	6.51760	0.2275915	0.21207578	2.7848940	21	1 9.7	19.2
249951 2001 TT_{215}	16.0	X	137.29324	32.54584	1.17066	13.28918	0.1940535	0.21905506	2.7254226	21	3 6.1	20.2
249952 2001 TD_{222}	16.0	X	150.10967	81.70376	233.80027	11.24526	0.1877467	0.21238122	2.7822233	21	—	—
249953 2001 TG_{228}	16.6	X	139.90779	111.77906	218.47241	3.30126	0.0954002	0.21381687	2.7697553	21	—	—
249954 2001 TQ_{234}	15.9	X	180.81336	295.38895	60.46848	15.61267	0.2090700	0.22230715	2.6987776	21	3 5.9	20.7
249955 2001 TJ_{238}	16.2	X	143.98213	275.12602	70.99928	9.57160	0.1880729	0.21783278	2.7356082	21	1 12.2	20.4
249956 2001 UM_{8}	16.3	X	142.76723	298.83054	51.62529	4.64091	0.1093644	0.21528048	2.7571874	21	1 7.2	20.2
249957 2001 UG_{11}	15.5	X	161.80554	286.16931	170.90590	28.21956	0.3938736	0.23178319	2.6247106	21	6 19.3	21.1
249958 2001 UE_{26}	15.8	X	166.46595	122.32263	228.32633	14.83757	0.2917190	0.21997003	2.7178597	21	2 7.6	20.9
249959 2001 UA_{27}	16.3	X	125.62108	135.71011	246.91156	8.17079	0.1715913	0.21759028	2.7376403	21	1 31.3	20.3
249960 2001 UQ_{38}	16.7	X	104.88121	235.93769	141.26333	0.81658	0.0847146	0.21362044	2.7714529	21	—	—
249961 2001 UV_{49}	15.6	X	66.49617	235.79564	193.09558	11.53965	0.1313565	0.21158435	2.7892045	21	1 4.5	19.1
249962 2001 UM_{54}	16.0	X	106.80665	81.45891	301.59174	10.49974	0.0884947	0.21416226	2.7667766	21	1 1.1	19.6
249963 2001 UK_{71}	16.0	X	140.62902	302.07382	53.12339	2.91539	0.0695603	0.21392727	2.7688023	21	1 5.5	20.0
249964 2001 UN_{71}	16.4	X	109.65534	304.43332	80.22514	5.36684	0.0773356	0.21290642	2.7776459	21	1 4.9	20.1
249965 2001 UD_{77}	16.8	X	96.66601	243.95697	165.05123	4.07954	0.2215138	0.21450389	2.7638381	21	2 7.6	20.2
249966 2001 UJ_{98}	16.4	X	71.35339	352.63192	53.98496	10.84409	0.2185354	0.21095302	2.7947666	21	—	—
249967 2001 UO_{121}	15.1	X	138.96064	112.88365	252.03335	11.12037	0.3299970	0.21378553	2.7700260	21	2 8.1	19.9
249968 2001 UV_{125}	15.4	X	112.47274	253.77048	73.47864	14.07961	0.1753926	0.21002906	2.8029572	21	—	—
249969 2001 UC_{170}	16.3	X	131.27632	8.43246	12.88089	5.73320	0.0919117	0.21672482	2.7449237	21	1 30.7	20.1
249970 2001 UP_{183}	16.7	X	133.73504	314.81812	77.19319	4.39423	0.1929789	0.21993909	2.7181146	21	2 27.7	20.8
249971 2001 UM_{193}	15.5	X	51.94595	185.92455	271.28679	11.95227	0.1180540	0.21622518	2.7491506	21	1 15.1	18.7
249972 2001 UV_{197}	16.6	X	116.40411	3.03502	2.02764	3.79405	0.0760603	0.21434642	2.7651916	21	—	—
249973 2001 UL_{218}	16.0	X	94.17498	218.44437	111.05862	16.16783	0.1465917	0.20437585	2.8544099	21	—	—
249974 2001 UZ_{229}	17.0	X	153.72383	333.13271	26.61366	1.45410	0.1100305	0.21937685	2.7227568	21	1 29.8	20.9
249975 2001 VU_{4}	15.0	X	197.58317	87.13019	268.89872	26.06400	0.2117542	0.22638566	2.6662658	21	2 24.7	20.2
249976 2001 VK_{41}	16.1	X	89.70738	326.11838	68.50363	8.07214	0.2337275	0.21021442	2.8013092	21	1 14.4	19.5
249977 2001 VE_{48}	15.5	X	135.13114	152.23204	240.50469	10.07316	0.2997658	0.21690438	2.7434086	21	3 6.4	20.3
249978 2001 VB_{50}	16.0	X	77.64112	131.95502	280.89868	6.71252	0.2190646	0.21245678	2.7815635	21	1 14.2	19.0
249979 2001 VM_{51}	16.0	X	72.33140	78.11523	25.87487	16.88142	0.2729104	0.21600946	2.7509806	21	3 28.8	19.1
249980 2001 VE_{78}	16.2	X	290.26554	13.84559	226.02833	8.47291	0.1516027	0.22175533	2.7032529	21	1 15.4	20.4
249981 2001 VR_{101}	15.9	X	113.11096	97.98690	280.88630	4.07692	0.0912899	0.21259586	2.7803503	21	1 4.1	19.6
249982 2001 VC_{102}	16.3	X	91.45300	134.67693	250.57307	7.36756	0.2166949	0.21093025	2.7949678	21	—	—
249983 2001 VF_{125}	15.2	X	180.26910	302.39537	252.56177	8.84698	0.0369442	0.19298933	2.9656087	21	10 27.8	19.6
249984 2001 WM_{18}	16.1	X	108.77462	118.30950	235.30356	4.45480	0.0608484	0.20968976	2.8059800	21	—	—
249985 2001 WR_{23}	16.5	X	242.63810	345.24963	244.87942	2.60411	0.0405408	0.20851986	2.8164655	21	—	—
249986 2001 WV_{28}	15.7	X	62.13773	285.92450	85.75432	11.41427	0.2412000	0.20489055	2.8496276	21	—	—
249987 2001 WK_{51}	16.5	X	135.43401	56.19257	288.71207	1.42502	0.1357334	0.21330678	2.7741692	21	—	—
249988 2001 WJ_{58}	16.3	X	47.05927	24.54358	14.90162	1.75864	0.0629464	0.20645258	2.8352357	21	—	—
249989 2001 XS_{8}	15.7	X	123.50632	95.32053	284.31701	11.79360	0.2196369	0.21357688	2.7718298	21	2 1.3	19.8
249990 2001 XV_{48}	16.2	X	55.48636	16.83685	69.38775	2.12418	0.1102813	0.21184988	2.7868734	21	1 9.3	19.3
249991 2001 XX_{65}	15.8	X	72.72029	122.11512	272.37208	12.17377	0.2081900	0.20526658	2.8461463	21	—	—
249992 2001 XM_{90}	16.2	X	81.57740	108.15170	262.20210	5.14585	0.0860857	0.20656931	2.8341675	21	—	—
249993 2001 XT_{92}	16.5	X	73.22253	149.22093	265.04569	3.09302	0.0985179	0.21013259	2.8020364	21	—	—
249994 2001 XB_{111}	16.0	X	116.66017	142.16179	228.97689	8.21862	0.1844420	0.21172522	2.7879672	21	1 10.9	19.9
249995 2001 XO_{128}	12.9	X	313.54020	252.81414	74.06856	25.13738	0.0853555	0.08057282	5.3089710	21	6 21.5	19.7
249996 2001 XC_{191}	16.0	X	97.43507	118.71077	280.85587	7.15417	0.3096654	0.21017890	2.8016248	21	2 9.3	19.7
249997 2001 XE_{202}	16.6	X	93.50719	102.33540	296.70675	3.80334	0.1756750	0.21250762	2.7811199	21	1 15.4	20.1
249998 2001 XO_{204}	16.1	X	75.80425	245.61767	151.68276	5.77840	0.1261454	0.20845702	2.8170315	21	—	—
249999 2001 XC_{218}	16.1	X	117.75257	142.38017	207.51058	10.52386	0.3141918	0.21186159	2.7867707	21	1 3.9	20.3
250000 2001 XB_{242}	15.8	X	98.78491	245.90105	75.19145	12.87051	0.1497577	0.20158338	2.8807102	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250001 2001 XR_{265}	15.2	X	40.81621	291.67128	294.08537	21.77955	0.0848101	0.17101096	3.2145493	21	6 24.7	19.6
250002 2001 YJ_{51}	16.1	X	59.96205	28.62393	354.32140	1.58897	0.0782652	0.20216391	2.8751928	21	—	—
250003 2001 YQ_{59}	15.7	X	324.99799	133.27584	284.84955	6.44524	0.0762697	0.18992139	2.9974605	21	11 5.5	19.6
250004 2001 YD_{107}	15.4	X	305.04983	156.51548	277.71836	7.61103	0.0721487	0.18955107	3.0013632	21	10 27.4	19.4
250005 2001 YB_{126}	15.6	X	91.41622	121.18037	295.82774	11.15171	0.1666318	0.21142160	2.7906357	21	2 1.6	19.1
250006 2002 AT	17.0	X	6.42471	163.29935	345.27484	5.03578	0.1240211	0.30771324	2.1728943	21	—	—
250007 2002 AR_{9}	15.6	X	313.21004	145.54476	306.64798	12.96129	0.0732012	0.19220253	2.9736966	21	12 3.1	19.6
250008 2002 AO_{31}	17.7	X	123.58428	66.28789	346.20655	3.57858	0.2512270	0.31489759	2.1397178	21	3 7.2	20.0
250009 2002 AV_{38}	15.5	X	349.90674	273.14641	133.37724	10.40783	0.0898418	0.19264690	2.9691219	21	12 3.3	19.3
250010 2002 AF_{44}	16.4	X	34.21487	154.33683	250.30264	4.68557	0.1512692	0.19983785	2.8974607	21	—	—
250011 2002 AY_{48}	15.5	X	219.28313	221.93003	296.19451	9.25500	0.0420028	0.18821456	3.0155549	21	10 24.5	20.0
250012 2002 AX_{51}	15.9	X	179.35238	34.70051	136.89489	2.37253	0.1485566	0.18276972	3.0751517	21	9 26.4	20.8
250013 2002 AT_{73}	15.8	X	65.24639	268.18017	102.78201	12.53771	0.1526030	0.20054540	2.8906416	21	—	—
250014 2002 AZ_{75}	15.5	X	247.46871	154.44710	294.46516	9.18726	0.0304697	0.18353388	3.0666101	21	9 3.4	19.9
250015 2002 AQ_{86}	15.1	X	162.13513	316.19799	267.70196	8.61100	0.0296874	0.18942912	3.0026512	21	11 11.5	19.6
250016 2002 AB_{94}	17.4	X	106.51696	71.32516	334.14511	4.40649	0.1159742	0.31095634	2.1577598	21	1 9.3	19.3
250017 2002 AK_{110}	15.1	X	122.02917	229.22250	320.75498	8.04935	0.1078469	0.17621649	3.1509271	21	8 21.7	19.9
250018 2002 AQ_{126}	15.5	X	49.03903	38.02863	286.68675	7.94553	0.1094812	0.18951200	3.0017757	21	11 11.6	19.8
250019 2002 AF_{141}	15.8	X	163.44389	71.33240	126.15141	7.16575	0.0163852	0.18738398	3.0244592	21	10 16.3	20.2
250020 2002 AB_{161}	17.3	X	193.12650	267.00006	286.83715	5.96943	0.2278968	0.28654775	2.2786173	21	11 7.6	21.0
250021 2002 AH_{201}	16.9	X	108.72290	108.41107	264.77111	3.29227	0.1713599	0.30547137	2.1835126	21	—	—
250022 2002 BF_{16}	17.4	X	13.11986	313.66435	131.33791	6.33978	0.1076645	0.30039385	2.2080489	21	—	—
250023 2002 CV_{7}	17.2	X	307.07939	225.67524	304.04821	1.03632	0.1663491	0.30089724	2.2055856	21	—	—
250024 2002 CA_{12}	17.1	X	306.38565	149.88296	356.17127	6.31261	0.0901009	0.29843592	2.2176959	21	—	—
250025 2002 CE_{19}	15.6	X	348.79518	59.58624	332.22028	10.30119	0.1249516	0.18960471	3.0007972	21	11 7.2	19.4
250026 2002 CL_{23}	15.2	X	144.80178	269.27677	277.77446	8.23624	0.0582674	0.17805017	3.1292562	21	9 4.6	20.0
250027 2002 CQ_{37}	16.9	X	323.20345	161.69714	318.41809	5.82288	0.0933618	0.29607216	2.2294838	21	—	—
250028 2002 CO_{46}	17.6	X	157.32888	70.56072	173.72312	1.99475	0.1359733	0.28601066	2.2814690	21	12 14.9	20.9
250029 2002 CQ_{49}	15.4	X	177.34292	228.45571	329.90508	9.56226	0.0486978	0.18624086	3.0368224	21	10 24.9	20.0
250030 2002 CQ_{51}	17.2	X	34.48211	151.01923	321.21771	2.77641	0.1237666	0.30574607	2.1822046	21	—	—
250031 2002 CD_{71}	15.2	X	37.77040	143.23869	128.39497	12.12127	0.0262006	0.17600243	3.1534814	21	8 11.3	19.5
250032 2002 CQ_{71}	15.6	X	271.30414	123.14533	338.91058	9.03970	0.0529886	0.18646931	3.0343416	21	10 17.5	19.9
250033 2002 CW_{80}	15.7	X	307.47976	99.67148	339.49247	9.47625	0.1004709	0.18792613	3.0186396	21	11 2.1	19.6
250034 2002 CV_{81}	16.5	X	86.39510	62.52822	337.91200	5.31422	0.1313356	0.30383082	2.1913656	21	—	—
250035 2002 CZ_{116}	16.8	X	37.53511	260.32724	139.57228	9.49254	0.3305062	0.19933967	2.9022861	21	—	—
250036 2002 CO_{118}	15.4	X	33.23672	242.69898	126.07056	11.22672	0.1265782	0.19329826	2.9624481	21	12 21.3	19.5
250037 2002 CG_{125}	16.9	X	155.69270	319.03992	241.98000	2.30993	0.2004470	0.28150301	2.3057596	21	10 17.4	20.6
250038 2002 CC_{152}	15.0	X	62.17929	222.43148	351.69230	16.56150	0.0904753	0.16739439	3.2606846	21	7 13.1	19.7
250039 2002 CH_{164}	16.2	X	286.16823	49.63899	54.06360	4.27151	0.1021181	0.18949024	3.0020056	21	11 6.5	20.0
250040 2002 CA_{167}	16.6	X	190.15206	210.27234	2.75432	5.83936	0.0804942	0.28904372	2.2654806	21	12 14.5	19.6
250041 2002 CT_{182}	15.3	X	4.58975	225.10380	122.68216	11.14129	0.0589387	0.18356633	3.0662486	21	10 10.5	19.5
250042 2002 CH_{210}	15.4	X	275.70134	264.43144	148.41841	11.61267	0.0830595	0.17774772	3.1328049	21	8 20.4	19.7
250043 2002 CA_{214}	15.4	X	174.19969	200.47255	338.15262	11.95372	0.0595370	0.18050378	3.1008340	21	9 27.1	20.1
250044 2002 CL_{223}	15.5	X	104.70744	50.59557	172.83525	10.52101	0.1658978	0.17600656	3.1534320	21	9 20.1	20.4
250045 2002 CX_{227}	15.7	X	175.33032	224.60287	283.60937	8.65858	0.1561992	0.17677204	3.1443219	21	8 21.4	21.0
250046 2002 CD_{228}	15.2	X	237.01897	184.74606	286.84452	9.69851	0.0341288	0.18139450	3.0906748	21	9 17.1	19.8
250047 2002 CF_{239}	17.0	X	151.47457	27.89098	188.76769	5.13519	0.1077112	0.28236374	2.3010714	21	11 4.9	20.2
250048 2002 CE_{247}	15.2	X	316.27254	216.29084	168.94984	23.09169	0.0732461	0.17754215	3.1352227	21	9 11.8	19.3
250049 2002 CQ_{253}	15.2	X	216.13767	182.45817	276.94273	13.16233	0.1113925	0.17812085	3.1284283	21	8 2.5	20.2
250050 2002 CQ_{277}	17.6	X	68.17340	81.43874	284.28653	1.47443	0.0230589	0.29515007	2.2341249	21	—	—
250051 2002 CM_{295}	15.5	X	359.86639	239.70051	152.33659	14.50303	0.0867396	0.18767524	3.0213293	21	11 29.6	19.6
250052 2002 CC_{297}	15.3	X	12.50977	0.42568	348.67050	12.36597	0.0728334	0.18116769	3.0932538	21	10 14.5	19.4
250053 2002 CK_{299}	15.2	X	60.86293	276.19059	341.53365	9.21241	0.1460818	0.17373712	3.1808337	21	9 9.0	19.5
250054 2002 CR_{301}	15.3	X	334.98622	46.65893	311.98451	10.98071	0.1354023	0.18254792	3.0776421	21	8 30.2	19.0
250055 2002 CH_{303}	15.7	X	235.76091	284.02551	198.77217	11.19551	0.1096859	0.18199594	3.0838619	21	9 24.1	20.2
250056 2002 CX_{305}	15.8	X	99.24961	34.86064	64.54598	7.56509	0.1269938	0.21192869	2.7861824	21	4 6.9	19.6
250057 2002 CS_{308}	16.9	X	136.36204	264.19298	344.34981	4.92393	0.1205193	0.28659964	2.2783422	21	11 28.7	20.3
250058 2002 CP_{312}	17.7	X	93.66178	39.46948	217.71139	3.39882	0.1821430	0.27975757	2.3153402	21	11 1.2	21.2
250059 2002 CK_{316}	16.9	X	180.12601	313.39617	280.39452	6.03272	0.0920270	0.28945863	2.2633152	21	12 29.5	20.0
250060 2002 DQ_{16}	17.0	X	132.25451	319.97809	317.02795	6.48751	0.1140732	0.28918169	2.2647600	21	—	—
250061 2002 EO	15.2	X	93.24670	233.46318	345.83536	15.60506	0.1044993	0.17204305	3.2016803	21	8 28.4	19.8
250062 2002 ED_{8}	15.0	X	47.17317	252.44440	354.34212	22.74066	0.0932468	0.16873974	3.2433300	21	8 9.2	19.6
250063 2002 EC_{40}	15.9	X	215.01011	184.10304	345.27524	4.38854	0.1235322	0.18415316	3.0597311	21	10 26.8	20.6
250064 2002 EH_{56}	17.2	X	27.61864	123.53882	309.70681	4.98316	0.1203507	0.29993639	2.2102935	21	—	—
250065 2002 EB_{62}	15.6	X	223.40720	314.38778	185.31129	9.32487	0.0414836	0.18130664	3.0916732	21	10 10.8	20.1
250066 2002 EE_{62}	17.4	X	306.38281	272.67060	182.92110	5.57815	0.0510005	0.28900151	2.2657012	21	12 22.8	19.8
250067 2002 EP_{62}	17.1	X	348.18456	224.16176	206.83746	4.11307	0.0828192	0.29169720	2.2517208	21	—	—
250068 2002 EZ_{75}	16.9	X	275.75177	309.32316	226.03016	7.69637	0.0176268	0.29476222	2.2360843	21	—	—
250069 2002 ED_{81}	17.1	X	132.33840	13.54622	245.82423	3.27781	0.0193650	0.28670231	2.2777982	21	12 9.1	19.9
250070 2002 EO_{82}	15.5	X	87.74557	270.07516	356.68378	8.94618	0.0349002	0.17826432	3.1267496	21	10 7.0	19.9
250071 2002 EO_{89}	14.8	X	85.05108	274.81624	299.83340	9.13292	0.1357467	0.17184100	3.2041895	21	8 13.1	19.5
250072 2002 EB_{99}	16.4	X	213.02966	329.38761	188.71262	6.44460	0.0455782	0.28261640	2.2996998	21	11 4.5	19.2
250073 2002 EN_{114}	16.8	X	100.87213	135.18958	146.48093	4.17630	0.1606854	0.28237360	2.3010178	21	12 8.4	20.3
250074 2002 EE_{117}	16.0	X	9.98262	159.24408	100.95815	3.43830	0.0367609	0.16690920	3.2670005	21	6 19.6	20.4
250075 2002 EY_{123}	15.9	X	81.14236	311.70057	291.54582	2.89148	0.1334172	0.17329192	3.1862793	21	9 13.3	20.4
250076 2002 EL_{135}	15.2	X	254.58346	168.91760	292.50832	12.15606	0.2263653	0.18148994	3.0895911	21	8 31.0	20.1
250077 2002 EE_{144}	15.3	X	357.15984	24.18948	4.49894	11.60808	0.1412400	0.18515238	3.0487129	21	11 17.9	19.1
250078 2002 EO_{149}	17.2	X	98.50194	237.77599	34.62163	2.96149	0.1599131	0.28018928	2.3129614	21	11 23.1	20.5
250079 2002 EG_{154}	14.9	X	131.18137	330.22225	195.80346	28.03061	0.1691501	0.17223205	3.1993376	21	8 1.8	20.5
250080 2002 EQ_{155}	16.7	X	167.57514	335.90697	222.82703	5.76318	0.0984793	0.28250950	2.3002799	21	10 28.8	19.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250081 2002 ED_{158}	17.2	X	82.38395	296.27378	334.99746	2.49286	0.1483837	0.27990108	2.3145488	21	11 3.3	20.3
250082 2002 EM_{161}	15.7	X	257.85044	130.81032	274.63108	8.24372	0.0843339	0.17518686	3.1632611	21	7 18.2	20.2
250083 2002 EH_{162}	17.8	X	84.32805	111.16599	158.67103	4.87604	0.2189672	0.27712049	2.3300056	21	11 12.7	21.3
250084 2002 FD_{26}	15.0	X	126.03871	44.65367	123.84721	19.43497	0.0746435	0.16926575	3.2366072	21	7 27.7	19.7
250085 2002 FJ_{33}	14.9	X	230.47350	107.23321	125.37986	11.61468	0.0886459	0.19308193	2.9646604	21	—	—
250086 2002 GW	16.8	X	109.68837	262.02881	352.14678	22.25866	0.2333089	0.28031669	2.3122604	21	11 5.2	21.1
250087 2002 GW_{24}	16.0	X	281.04980	25.69956	54.17552	1.86161	0.1497967	0.17625042	3.1505227	21	9 21.9	20.3
250088 2002 GA_{26}	16.8	X	226.62500	19.80182	145.38097	2.29931	0.1266389	0.28550183	2.2841789	21	11 19.9	19.7
250089 2002 GH_{35}	17.1	X	88.90688	154.93101	107.18077	3.23595	0.1847453	0.27516727	2.3410186	21	11 3.7	20.5
250090 2002 GE_{48}	16.7	X	47.69264	87.07815	199.22712	6.87689	0.1135340	0.27382042	2.3486889	21	10 5.1	19.3
250091 2002 GF_{64}	17.1	X	50.71685	86.17085	175.90049	2.38708	0.1801337	0.26899799	2.3766763	21	9 15.8	19.7
250092 2002 GN_{66}	17.0	X	163.52529	37.17319	153.59172	3.09203	0.1004626	0.27818118	2.3240790	21	10 14.8	20.2
250093 2002 GC_{67}	16.4	X	46.77633	137.11649	199.26616	7.94440	0.1873506	0.27982357	2.3149761	21	12 23.3	19.6
250094 2002 GU_{83}	15.0	X	161.06493	310.45430	189.52085	26.77620	0.1572213	0.16893261	3.2408608	21	7 28.8	20.7
250095 2002 GL_{89}	15.5	X	148.62961	9.35470	190.14846	13.78934	0.1298937	0.17552666	3.1591773	21	9 29.9	20.6
250096 2002 GK_{98}	15.4	X	149.59745	8.90094	182.60367	27.92396	0.1023550	0.17718923	3.1393844	21	9 20.5	20.4
250097 2002 GW_{100}	17.2	X	64.31156	64.53398	192.43284	5.04597	0.2044821	0.27142080	2.3625117	21	10 1.4	20.3
250098 2002 GR_{104}	16.6	X	5.35971	137.07363	167.59071	12.63654	0.2525780	0.26549844	2.3975154	21	9 2.4	18.1
250099 2002 GF_{128}	14.9	X	319.87332	346.16523	12.69111	22.44941	0.1171305	0.17085332	3.2165262	21	8 20.7	19.3
250100 2002 GZ_{139}	16.9	X	69.65692	129.90451	171.47042	3.20575	0.1695774	0.27760453	2.3272963	21	12 1.9	20.3
250101 2002 GF_{182}	17.6	X	341.37459	35.37361	42.69473	3.32329	0.1149173	0.28961827	2.2624834	21	—	—
250102 2002 GV_{188}	17.5	X	239.51291	305.33576	195.03370	5.21239	0.0993945	0.28224736	2.3017039	21	11 6.9	20.2
250103 2002 HB	15.5	X	103.93619	289.51853	6.96411	24.34269	0.2064773	0.28627956	2.2800401	21	—	—
250104 2002 HO_{8}	17.2	X	11.66886	82.18069	177.94403	2.75203	0.1508383	0.26364149	2.4087601	21	6 23.4	19.3
250105 2002 JY_{57}	16.4	X	19.74933	83.43871	239.34649	4.73577	0.1631756	0.27140772	2.3625876	21	10 20.3	18.8
250106 2002 JJ_{77}	17.1	X	108.14415	26.19618	223.32457	5.41570	0.1928358	0.27647976	2.3336040	21	11 5.6	20.7
250107 2002 JP_{82}	15.5	X	224.83061	132.19812	36.48951	8.56091	0.2184152	0.18305416	3.0719654	21	10 28.1	20.4
250108 2002 JR_{99}	16.2	X	61.62261	323.64840	7.37871	10.39034	0.1929238	0.27860792	2.3217052	21	—	—
250109 2002 JG_{127}	15.3	X	191.28598	338.84788	185.89094	11.33040	0.1750533	0.17712262	3.1401715	21	9 26.5	20.4
250110 2002 JE_{137}	17.2	X	110.20824	1.47229	213.44328	0.76653	0.1352028	0.27168508	2.3609794	21	9 19.1	20.6
250111 2002 JB_{144}	17.1	X	72.44822	359.90760	225.22017	6.50006	0.0633665	0.26779938	2.3837626	21	8 3.2	20.2
250112 2002 KY_{14}	9.6	X	98.43186	99.16548	245.35325	19.48447	0.3152444	0.02221811	12.5313527	21	1 8.7	21.1
250113 2002 LS_{7}	17.2	X	130.31998	9.27067	216.39310	4.89233	0.1794630	0.27475453	2.3433625	21	10 25.8	20.8
250114 2002 LJ_{11}	16.4	X	336.59990	95.41486	218.09920	5.96400	0.1847837	0.26076122	2.4264651	21	6 28.6	18.5
250115 2002 LO_{15}	16.7	X	7.82447	308.59121	276.52511	3.52275	0.2354793	0.25715590	2.4490917	21	4 10.3	18.4
250116 2002 LH_{28}	16.8	X	15.97279	109.90621	180.77828	4.13313	0.1754916	0.26395684	2.4068412	21	8 24.7	18.7
250117 2002 NZ_{5}	17.3	X	285.39797	184.57753	293.33268	19.26567	0.0453858	0.37895858	1.8912178	21	—	—
250118 2002 NU_{69}	16.5	X	32.80644	349.75055	252.20000	5.33021	0.0947017	0.25800519	2.4437142	21	7 2.0	19.1
250119 2002 OS_{6}	17.2	X	195.92680	2.29092	150.01633	23.49783	0.0375413	0.36905992	1.9248850	21	10 24.5	19.8
250120 2002 OQ_{26}	17.3	X	305.46927	237.35741	81.27101	1.29079	0.2492642	0.25330880	2.4738262	21	4 29.1	20.2
250121 2002 PQ_{17}	17.1	X	300.66734	36.36255	307.14365	7.37046	0.2233069	0.25513477	2.4620089	21	5 30.1	20.1
250122 2002 PD_{25}	16.7	X	231.30108	104.93125	261.50106	3.42231	0.1431089	0.24763893	2.5114437	21	4 20.6	20.6
250123 2002 PP_{43}	17.3	X	321.07926	228.17153	166.66826	24.06768	0.0956250	0.36802342	1.9284975	21	11 11.8	19.3
250124 2002 PY_{47}	14.4	X	137.96961	119.28641	229.40382	9.14063	0.3072623	0.12502541	3.9609910	21	1 29.8	21.0
250125 2002 PL_{74}	14.4	X	136.78773	96.75651	263.08084	7.59154	0.2037827	0.12656339	3.9288367	21	2 2.4	20.6
250126 2002 PK_{98}	15.4	X	225.92454	278.09571	348.31011	26.87442	0.3066177	0.23600559	2.5933105	21	—	—
250127 2002 PS_{141}	17.2	X	306.82322	110.87885	226.61552	4.84978	0.2064350	0.25475559	2.4644513	21	6 4.4	20.1
250128 2002 PV_{155}	15.3	X	112.81014	347.49222	13.94891	2.70898	0.2827437	0.12411138	3.9804147	21	1 25.3	21.4
250129 2002 QE_{11}	16.5	X	340.88319	340.98785	307.76417	5.62244	0.1198602	0.25473625	2.4645760	21	6 5.3	19.0
250130 2002 QC_{27}	17.2	X	244.45159	228.85683	124.83921	3.99394	0.1900200	0.24690125	2.5164435	21	4 17.2	21.1
250131 2002 QK_{44}	16.2	X	296.06078	200.05644	126.50601	7.10536	0.1417936	0.25306248	2.4754313	21	5 16.6	19.3
250132 2002 QC_{52}	15.6	X	131.73030	326.18659	28.57264	2.99158	0.2839088	0.12522993	3.9566772	21	2 2.8	21.9
250133 2002 QD_{64}	17.2	X	277.77126	358.79947	348.83973	5.10424	0.2144305	0.25106633	2.4885349	21	5 6.8	20.7
250134 2002 QK_{83}	17.1	X	285.58315	193.87069	241.45285	2.92672	0.1629859	0.26282759	2.4137303	21	9 29.3	19.7
250135 2002 QU_{100}	17.6	X	327.06249	304.81819	7.46926	8.44010	0.2244112	0.25530700	2.4609015	21	5 28.2	20.0
250136 2002 QS_{131}	15.3	X	108.34974	359.74961	15.93664	3.99813	0.1631328	0.12479146	3.9659401	21	1 23.3	21.0
250137 2002 RZ_{21}	17.1	X	256.68303	193.17958	128.03256	2.51388	0.1951133	0.24426150	2.5345413	21	3 18.1	21.0
250138 2002 RD_{52}	16.9	X	242.74933	229.95000	110.76972	3.36283	0.2195377	0.24318063	2.5420460	21	3 28.9	21.0
250139 2002 RK_{68}	14.3	X	149.60202	76.09482	261.03295	7.95608	0.1808930	0.12630091	3.9342781	21	1 18.5	20.4
250140 2002 RV_{70}	16.7	X	195.84012	185.56567	194.69889	11.63666	0.1596315	0.24195756	2.5506052	21	4 5.8	20.9
250141 2002 RX_{70}	16.2	X	134.00318	186.11881	228.07556	9.24494	0.0574227	0.23814990	2.5777202	21	3 2.3	19.9
250142 2002 RN_{79}	14.7	X	116.60221	30.67402	347.90261	2.83402	0.1811751	0.12372122	3.9887784	21	2 5.6	20.5
250143 2002 RD_{82}	17.1	X	248.57530	152.08259	201.05378	3.69746	0.1552121	0.24554672	2.5256895	21	4 21.8	20.9
250144 2002 RC_{99}	16.4	X	138.44742	166.14641	178.99340	7.49225	0.3060275	0.22788887	2.6545280	21	1 14.8	20.7
250145 2002 RD_{136}	17.2	X	257.42145	207.10152	120.80389	6.53522	0.2598108	0.24519265	2.5281204	21	3 23.8	21.5
250146 2002 RE_{147}	17.2	X	264.03912	347.44427	351.98449	4.81109	0.1827436	0.24665210	2.5181379	21	4 15.6	21.1
250147 2002 RT_{181}	14.8	X	122.28173	172.65653	189.15523	2.59870	0.2299963	0.12230650	4.0194783	21	1 27.6	20.8
250148 2002 RX_{182}	16.0	X	196.23884	171.05421	228.13377	14.12502	0.1762451	0.24283937	2.5444269	21	4 29.1	20.1
250149 2002 RW_{206}	17.0	X	326.92556	317.72704	358.06377	6.39429	0.1479553	0.25371299	2.4711982	21	6 17.3	19.6
250150 2002 RL_{236}	17.6	X	269.17877	119.85901	168.85675	2.00424	0.1791129	0.24249226	2.5468545	21	2 18.3	21.4
250151 2002 RT_{241}	16.2	X	163.79575	232.49006	189.71941	8.38074	0.0399630	0.24416934	2.5351790	21	4 21.3	19.6
250152 2002 SQ_{13}	16.9	X	356.34219	203.16834	216.83828	20.64095	0.1206803	0.37369915	1.9089211	21	—	—
250153 2002 SU_{20}	17.0	X	218.59335	284.54780	123.97010	1.38329	0.1341700	0.24686559	2.5166858	21	6 3.2	20.9
250154 2002 SL_{30}	15.3	X	82.31269	113.21408	38.43643	14.01462	0.0989087	0.24238579	2.5476002	21	5 11.2	18.5
250155 2002 TT_{28}	17.3	X	227.60096	213.48260	170.92148	3.51853	0.2820621	0.24421885	2.5348363	21	5 5.2	21.8
250156 2002 TY_{30}	16.1	X	161.14341	231.49497	202.78863	12.87179	0.1409615	0.23944609	2.5684092	21	5 11.6	20.1
250157 2002 TV_{34}	16.7	X	184.39373	242.64814	191.61205	8.02708	0.1202654	0.24411716	2.5355402	21	6 2.8	20.7
250158 2002 TD_{42}	16.8	X	197.00509	4.48607	36.98197	8.00118	0.2077505	0.24074620	2.5591540	21	5 2.9	21.1
250159 2002 TY_{42}	16.3	X	175.92223	7.56799	16.22267	5.56291	0.1850391	0.23581395	2.5947153	21	3 25.3	20.6
250160 2002 TY_{53}	16.4	X	211.35806	170.18110	219.55694	2.42723	0.2521849	0.23991669	2.5650495	21	4 29.7	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250161 2002 TZ_{54}	15.8	X	180.04043	194.85478	214.80224	13.20490	0.2608807	0.23679114	2.5875719	21	5 1.0	20.3
250162 2002 TY_{57}	19.4	X	12.29420	259.89229	118.95630	3.45562	0.3272245	0.36998031	1.9216914	21	—	—
250163 2002 TM_{67}	17.0	X	239.07114	329.81792	26.72149	5.98930	0.2450466	0.24305470	2.5429239	21	4 11.3	21.3
250164 Hannsruder	16.6	X	254.89069	83.55685	271.97835	1.88812	0.2322897	0.24379220	2.5377929	21	4 23.4	20.7
250165 2002 TX_{73}	16.5	X	202.78210	28.16147	2.66350	9.85356	0.1862249	0.24099212	2.5574127	21	4 22.2	20.8
250166 2002 TR_{76}	16.7	X	174.44217	131.81311	280.11512	3.13482	0.2135286	0.23917322	2.5703624	21	4 26.5	20.9
250167 2002 TS_{93}	16.2	X	316.33551	265.21666	10.73325	8.60284	0.0807457	0.24313132	2.5423897	21	4 12.4	19.4
250168 2002 TF_{102}	16.7	X	271.11650	96.09947	221.03114	6.78968	0.2415987	0.24474302	2.5312158	21	3 19.2	20.7
250169 2002 TJ_{102}	17.6	X	216.46994	114.94381	231.83393	4.16434	0.2817855	0.23977478	2.5660614	21	3 11.0	22.3
250170 2002 TC_{113}	16.0	X	266.92648	144.30909	269.24414	7.89340	0.2131235	0.25315771	2.4748105	21	7 22.9	19.5
250171 2002 TH_{133}	16.1	X	118.70674	129.55390	4.48477	15.07114	0.0474578	0.24445747	2.5331866	21	5 25.9	19.9
250172 2002 TT_{146}	16.7	X	210.06405	131.35943	262.09189	3.02393	0.2697200	0.24284867	2.5443620	21	5 2.0	21.3
250173 2002 TZ_{196}	16.8	X	183.93180	215.11499	205.49383	11.61678	0.1684670	0.24165759	2.5527156	21	5 16.7	21.0
250174 2002 TK_{203}	16.9	X	235.62604	311.50374	40.06275	10.37882	0.2450019	0.24291623	2.5438902	21	4 5.1	21.3
250175 2002 TW_{211}	15.9	X	219.77447	299.31097	58.31092	13.40632	0.2045140	0.24206016	2.5498845	21	4 4.4	20.3
250176 2002 TA_{222}	16.2	X	101.03089	176.69707	282.08600	4.23986	0.1856032	0.23489665	2.6014661	21	4 8.9	19.7
250177 2002 TO_{223}	16.8	X	167.37909	209.08764	201.28904	3.33766	0.2212576	0.23718297	2.5847213	21	4 20.5	21.1
250178 2002 TK_{232}	16.1	X	137.22902	160.55367	300.89079	11.78030	0.2473797	0.23898736	2.5716948	21	5 28.5	20.5
250179 2002 TU_{236}	15.7	X	148.90379	166.80949	274.47984	12.34612	0.1513829	0.23854796	2.5748518	21	5 4.9	19.9
250180 2002 TP_{237}	16.7	X	51.85801	142.06667	226.99843	19.85260	0.0898957	0.37355941	1.9093971	21	—	—
250181 2002 TU_{249}	16.3	X	186.82413	341.89459	28.87204	8.10699	0.2005540	0.23500859	2.6006399	21	3 21.2	20.6
250182 2002 TZ_{252}	17.2	X	223.01644	143.28130	219.74698	3.70936	0.2255817	0.24079723	2.5587924	21	4 6.3	21.4
250183 2002 TX_{271}	16.2	X	214.93378	128.55234	242.59841	3.98236	0.1794151	0.24115651	2.5562504	21	4 10.2	20.4
250184 2002 TE_{289}	16.5	X	194.52576	63.72166	342.70023	5.10461	0.3200373	0.23984287	2.5655758	21	5 5.5	21.4
250185 2002 TH_{291}	16.8	X	244.27612	333.65250	26.37263	11.81914	0.2736308	0.24296488	2.5435506	21	4 17.6	21.0
250186 2002 TH_{293}	15.1	X	268.88010	109.33286	275.63907	9.89723	0.2281320	0.24619818	2.5212321	21	6 15.9	18.6
250187 2002 TT_{297}	16.6	X	191.48674	202.60799	213.20968	6.07563	0.1524692	0.24106730	2.5568810	21	5 16.9	20.6
250188 2002 TN_{299}	17.0	X	268.99447	83.95722	222.11324	5.33354	0.1643501	0.23981394	2.5657821	21	3 11.5	20.9
250189 2002 TW_{300}	16.3	X	187.92958	45.27275	328.27046	13.19391	0.2233306	0.23607620	2.5927934	21	3 18.8	20.8
250190 2002 TN_{324}	17.3	X	277.66768	251.41175	59.94994	0.53641	0.1241826	0.24454664	2.5325707	21	4 3.2	20.9
250191 2002 TJ_{378}	16.6	X	53.48467	152.22209	358.15577	8.40168	0.1495963	0.23824041	2.5770673	21	3 31.2	19.2
250192 2002 UM_{12}	15.9	X	188.98039	357.74622	67.48710	14.68827	0.2881646	0.23979676	2.5659046	21	5 26.5	20.4
250193 2002 UX_{19}	16.7	X	189.16576	224.31122	156.85592	6.04689	0.2823240	0.23656171	2.5892446	21	4 5.2	21.4
250194 2002 UZ_{20}	17.0	X	243.34314	310.78752	33.49377	15.92343	0.2405445	0.24225999	2.5484821	21	4 3.9	21.4
250195 2002 UX_{22}	16.5	X	199.57050	327.65349	50.69995	9.37957	0.2073614	0.23724194	2.5842929	21	4 10.2	20.9
250196 2002 UZ_{33}	16.6	X	136.72338	265.09205	141.23090	2.95769	0.2102384	0.22660011	2.6645833	21	3 20.1	20.6
250197 2002 UL_{36}	16.6	X	261.57690	118.53223	216.60476	26.18783	0.1508565	0.24302082	2.5431603	21	4 11.3	20.5
250198 2002 US_{38}	16.7	X	223.48269	132.36825	226.27447	16.14877	0.2216823	0.23972101	2.5664451	21	3 29.8	21.2
250199 2002 UY_{38}	16.9	X	235.42478	262.65293	78.24871	5.34585	0.2473452	0.23977036	2.5660930	21	3 23.2	21.4
250200 2002 UM_{40}	16.7	X	164.98867	273.47247	182.54243	12.57352	0.2152480	0.24016799	2.5632598	21	6 14.3	21.3
250201 2002 UA_{41}	16.1	X	113.91682	153.95046	220.98505	5.53181	0.0486288	0.22348364	2.6892978	21	—	—
250202 2002 US_{44}	17.0	X	197.16909	269.71750	122.07890	5.01551	0.2821319	0.24038252	2.5617346	21	4 23.7	21.7
250203 2002 UN_{65}	16.6	X	274.55659	154.80632	192.62876	13.32455	0.0253211	0.24703854	2.5155111	21	6 2.5	20.1
250204 2002 UW_{77}	17.7	X	238.86817	286.13785	57.86460	4.50492	0.2468279	0.24150549	2.5537872	21	3 28.6	22.0
250205 2002 VU_{3}	16.0	X	149.01652	213.90262	229.84865	12.93172	0.0508226	0.23809574	2.5781112	21	5 1.5	19.6
250206 2002 VS_{6}	17.4	X	221.46939	82.36622	296.45064	2.65198	0.3431661	0.24223876	2.5486310	21	4 20.1	22.2
250207 2002 VU_{8}	16.8	X	212.63186	117.04337	274.88346	3.75027	0.1959619	0.24180954	2.5516460	21	5 3.7	21.1
250208 2002 VO_{27}	16.6	X	217.70835	159.35673	255.75218	3.53678	0.2306195	0.24378855	2.5378183	21	6 5.7	20.7
250209 2002 VK_{29}	16.4	X	159.70614	198.26129	194.35600	11.02147	0.2035543	0.23255702	2.6188849	21	3 21.4	20.6
250210 2002 VP_{31}	16.7	X	156.07611	207.65679	222.00751	7.32102	0.1850921	0.23552305	2.5968514	21	5 2.5	20.9
250211 2002 VV_{33}	15.8	X	148.13466	309.69482	71.09269	13.83042	0.1841995	0.22873969	2.6479413	21	3 3.2	20.1
250212 2002 VD_{34}	15.9	X	153.35214	143.83931	239.20370	12.50636	0.1148031	0.22874287	2.6479169	21	2 19.8	20.1
250213 2002 VM_{35}	16.3	X	214.19958	118.58773	231.14533	10.28882	0.2092702	0.23592167	2.5939254	21	3 11.8	20.9
250214 2002 VF_{36}	16.5	X	190.73111	310.56972	70.60124	5.38684	0.2727298	0.23585907	2.5943844	21	4 6.9	21.1
250215 2002 VF_{42}	17.1	X	236.90014	16.31463	355.92857	4.35850	0.2766911	0.24329960	2.5412172	21	4 25.4	21.7
250216 2002 VQ_{56}	15.6	X	133.20704	164.70554	247.21361	21.23585	0.0885181	0.22924145	2.6440761	21	2 25.4	19.8
250217 2002 VO_{79}	16.8	X	198.15632	286.15943	115.10164	2.50897	0.2082356	0.23923881	2.5698925	21	5 4.9	21.2
250218 2002 VC_{84}	15.4	X	255.84736	155.85571	223.42073	12.65411	0.2258265	0.24424021	2.5346886	21	5 26.3	19.3
250219 2002 VS_{86}	17.2	X	164.17253	88.39474	324.96407	2.96052	0.1797632	0.23617486	2.5920713	21	4 17.9	21.3
250220 2002 VH_{87}	15.8	X	125.56476	160.27134	247.32385	12.52872	0.1561957	0.22924932	2.6440156	21	2 24.1	19.9
250221 2002 VS_{102}	16.9	X	231.41715	72.16077	281.72439	1.87589	0.2605939	0.24072267	2.5593208	21	3 31.3	21.4
250222 2002 VM_{103}	16.9	X	179.72527	347.31862	27.66345	6.42448	0.2169613	0.23448950	2.6044765	21	3 20.4	21.2
250223 2002 VD_{115}	16.8	X	221.81350	214.84272	149.70010	5.66181	0.2333144	0.24010717	2.5636927	21	4 9.6	21.2
250224 2002 VO_{117}	17.0	X	324.89056	91.34856	283.08285	18.41860	0.0952440	0.35999641	1.9570591	21	9 19.8	19.2
250225 2002 VJ_{125}	16.2	X	250.85946	14.77423	274.96324	9.79029	0.1042131	0.23153342	2.6265979	21	2 5.9	20.2
250226 2002 VT_{139}	15.3	X	256.58422	10.33179	343.70404	11.98361	0.2784130	0.24165504	2.5527335	21	4 15.2	19.8
250227 2002 WB_{15}	15.9	X	187.52505	169.85039	210.44568	11.90564	0.1297814	0.23431507	2.6057689	21	3 27.2	20.0
250228 2002 WM_{18}	16.1	X	179.28714	159.38486	247.67451	13.24861	0.1642065	0.23811812	2.5779496	21	4 21.8	20.4
250229 2002 XG_{32}	16.2	X	145.34359	150.62014	270.47015	12.11553	0.2427995	0.23262655	2.6183631	21	4 11.7	20.8
250230 2002 XJ_{38}	16.6	X	150.84138	134.42584	271.38026	10.54442	0.1847061	0.23195382	2.6234233	21	3 23.6	21.0
250231 2002 XF_{50}	17.2	X	170.86746	142.13875	230.53508	1.19220	0.2343244	0.23183897	2.6242896	21	3 9.2	21.5
250232 2002 XQ_{55}	16.6	X	168.10091	190.41740	208.69945	3.43343	0.2887161	0.23431695	2.6057550	21	4 10.2	21.2
250233 2002 XC_{64}	16.4	X	136.37949	69.41762	323.56931	4.06441	0.1292139	0.22741321	2.6582282	21	2 20.8	20.2
250234 2002 XN_{70}	15.9	X	145.33183	331.03814	72.12798	10.65939	0.1032148	0.22916148	2.6446912	21	3 18.6	19.9
250235 2002 XQ_{73}	16.2	X	212.76877	108.55637	275.74828	7.51052	0.1772817	0.23828658	2.5767344	21	4 23.4	20.6
250236 2002 XQ_{74}	15.9	X	248.82749	335.15302	42.70025	5.74157	0.2168997	0.24310096	2.5426013	21	5 17.6	19.8
250237 2002 XW_{74}	16.5	X	188.76077	118.67789	292.29492	3.55935	0.2080454	0.23749676	2.5824440	21	5 7.2	20.8
250238 2002 XF_{78}	16.5	X	204.41431	1.97279	31.56336	4.39397	0.2616192	0.23810059	2.5780761	21	4 28.8	21.0
250239 2002 XX_{79}	15.9	X	241.25428	307.68690	75.79845	12.34199	0.3021855	0.24204238	2.5500093	21	5 14.5	20.4
250240 2002 XY_{79}	16.2	X	166.51841	345.48322	61.00226	6.40081	0.2744772	0.23303706	2.6152872	21	4 19.3	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250241 2002 XE_{82}	16.2	X	109.28118	211.24566	219.59722	12.21346	0.1232848	0.22752882	2.6573277	21	3 3.3	20.0
250242 2002 XT_{95}	16.6	X	186.65018	122.66823	285.58228	2.37282	0.1220955	0.23777226	2.5804489	21	5 1.1	20.6
250243 2002 YP_{18}	16.2	X	155.46207	307.65536	95.46490	3.45446	0.1637517	0.23124172	2.6288063	21	3 30.4	20.2
250244 2003 AG	16.5	X	278.82115	183.38443	252.31167	18.98572	0.0793690	0.35886959	1.9611536	21	10 12.1	18.8
250245 2003 AR_{34}	15.7	X	232.68561	269.68003	126.35920	6.97659	0.1991115	0.24189581	2.5510393	21	5 29.2	19.8
250246 2003 AW_{36}	15.6	X	143.07672	151.04296	263.93650	8.73253	0.1861169	0.22944193	2.6425356	21	3 29.2	19.8
250247 2003 AA_{38}	15.2	X	243.99263	255.23710	132.71253	12.52036	0.2270724	0.24096445	2.5576085	21	5 28.8	19.5
250248 2003 AY_{45}	16.4	X	181.71775	5.46289	58.03579	4.21724	0.2169921	0.23629274	2.5912091	21	5 18.2	20.7
250249 2003 AG_{63}	16.2	X	135.05709	118.09598	288.26735	5.01811	0.1230253	0.22559923	2.6724585	21	3 5.5	20.2
250250 2003 AT_{64}	15.7	X	36.47456	163.43344	333.01628	11.07737	0.1280918	0.22232136	2.6986626	21	2 12.3	18.6
250251 2003 AZ_{67}	16.4	X	25.52285	224.83839	276.35467	2.68204	0.1120084	0.22034930	2.7147401	21	1 29.4	19.4
250252 2003 AE_{68}	16.3	X	175.53385	162.15310	249.58094	2.84287	0.2285482	0.23242717	2.6198602	21	4 28.6	20.7
250253 2003 BP_{8}	16.2	X	121.15351	252.58150	147.87028	8.97872	0.1677525	0.22260396	2.6963781	21	2 18.9	19.9
250254 2003 BL_{23}	16.1	X	196.10106	197.77452	220.78018	11.18450	0.2489240	0.23633452	2.5909037	21	5 24.1	20.7
250255 2003 BL_{34}	16.1	X	204.39316	292.97938	102.02410	3.72728	0.2080491	0.23500822	2.6006427	21	5 3.0	20.5
250256 2003 BG_{50}	15.3	X	236.11827	71.21922	295.15961	9.94137	0.3282550	0.23657644	2.5891371	21	4 12.1	20.3
250257 2003 BD_{51}	16.3	X	104.61078	299.78324	118.72156	8.81022	0.2701210	0.22261642	2.6962775	21	3 11.5	20.1
250258 2003 BL_{54}	16.5	X	150.40897	122.97239	289.56277	10.74216	0.2922739	0.22929355	2.6436756	21	4 8.6	21.3
250259 2003 BM_{54}	16.0	X	141.90332	119.24822	301.74066	14.08632	0.1215593	0.22646303	2.6656584	21	3 25.5	20.3
250260 2003 BT_{75}	16.1	X	119.65490	342.08858	51.49091	9.38750	0.2044534	0.22010097	2.7167817	21	2 18.3	20.1
250261 2003 BE_{79}	16.4	X	113.52551	358.40192	47.96271	4.12270	0.2042615	0.22204481	2.7009028	21	2 24.4	20.2
250262 2003 CQ_{2}	15.6	X	217.06656	101.10884	286.24365	10.38882	0.2036540	0.23605525	2.5929468	21	4 29.4	20.1
250263 2003 CR_{5}	16.7	X	215.29390	314.58434	123.41877	12.67799	0.2511301	0.24113730	2.5563861	21	7 1.8	21.2
250264 2003 CV_{12}	15.7	X	29.09695	140.21987	358.94975	14.91317	0.2551495	0.21792283	2.7348545	21	2 6.9	18.1
250265 2003 CD_{22}	16.1	X	196.76625	139.50860	255.94735	3.15348	0.2746157	0.23367598	2.6105179	21	4 25.2	20.9
250266 2003 EY_{30}	15.7	X	181.92730	204.85995	342.13960	12.88205	0.1028578	0.19122645	2.9838071	21	10 13.5	20.5
250267 2003 FD_{7}	17.4	X	293.67676	264.85568	316.63991	4.37949	0.1409383	0.26326967	2.4110275	21	—	—
250268 2003 FJ_{31}	15.6	X	31.43495	144.89320	182.78857	11.77306	0.0934893	0.18681882	3.0305559	21	10 23.8	19.6
250269 2003 FG_{36}	16.1	X	9.62169	259.44821	188.93245	1.76462	0.0337698	0.20300334	2.8672612	21	—	—
250270 2003 FO_{43}	15.8	X	235.26763	198.73241	348.36822	0.92596	0.0605611	0.19651434	2.9300378	21	12 20.6	20.0
250271 2003 FO_{45}	15.8	X	106.28525	289.56235	345.08730	3.73045	0.1314790	0.18931565	3.0038509	21	11 18.3	20.5
250272 2003 FN_{59}	15.6	X	291.45521	285.95160	212.76703	8.29383	0.0796757	0.19971192	2.8986786	21	12 31.7	19.5
250273 2003 FA_{67}	15.2	X	80.46278	62.38828	162.62841	17.11302	0.1669140	0.17772542	3.1330670	21	8 26.2	19.7
250274 2003 GU_{4}	15.1	X	72.71300	108.61910	198.75880	10.75282	0.0870547	0.18842219	3.0133392	21	11 19.1	19.5
250275 2003 GS_{47}	15.2	X	82.95285	240.49813	24.34767	22.70205	0.2247294	0.18199157	3.0839112	21	10 22.8	20.1
250276 2003 GX_{56}	16.3	X	42.71996	346.23428	17.10077	6.93375	0.0480319	0.19482898	2.9469109	21	12 14.7	20.4
250277 2003 HR_{4}	17.3	X	242.97872	51.70970	169.61446	6.43877	0.1628465	0.30735598	2.1745777	21	—	—
250278 2003 HC_{19}	16.6	X	177.03765	251.53659	272.86969	1.42495	0.0372345	0.18387398	3.0628275	21	9 16.6	21.0
250279 2003 HL_{25}	17.8	X	123.84693	98.59709	196.83132	1.72633	0.2224149	0.29872860	2.2162471	21	—	—
250280 2003 HE_{27}	17.6	X	254.84428	161.95314	108.01037	4.18495	0.1084757	0.31569802	2.1360995	21	1 4.7	20.6
250281 2003 HM_{31}	17.8	X	155.35356	63.71635	232.94277	2.80019	0.1659319	0.30359043	2.1925222	21	—	—
250282 2003 HS_{57}	17.9	X	181.37959	70.20888	210.45779	3.07823	0.1294334	0.30662047	2.1780539	21	—	—
250283 2003 HD_{58}	16.8	X	150.81261	237.46356	49.13349	6.87559	0.1968567	0.30016689	2.2091618	21	—	—
250284 2003 JJ_{8}	15.5	X	116.65548	39.12264	186.74502	11.17493	0.0611472	0.18140855	3.0905152	21	9 25.3	19.9
250285 2003 KG_{14}	15.7	X	13.09586	226.62777	68.88520	3.08199	0.1590999	0.17467648	3.1694197	21	8 18.3	19.3
250286 2003 OQ_{3}	17.2	X	24.69771	211.60029	163.16907	10.05667	0.2182610	0.28522717	2.2856450	21	—	—
250287 2003 OO_{13}	17.1	X	143.88822	323.75931	317.51573	5.89875	0.1791717	0.29436007	2.2381204	21	—	—
250288 2003 OG_{27}	17.0	X	32.61275	34.40655	304.45132	6.64345	0.1542868	0.28262708	2.2996419	21	12 3.8	19.7
250289 2003 ON_{28}	17.5	X	22.68832	25.39669	331.78677	6.81376	0.1273375	0.28246924	2.3004984	21	12 10.6	20.2
250290 2003 OZ_{31}	17.0	X	86.53265	0.38072	280.20409	5.43874	0.1810749	0.28591236	2.2819919	21	11 23.9	20.3
250291 2003 PZ_{6}	17.3	X	77.34482	81.40902	229.93747	3.86946	0.2391341	0.28753004	2.2734246	21	12 29.1	20.9
250292 2003 PV_{12}	17.3	X	65.85731	46.14270	274.66101	4.66091	0.1837070	0.28488132	2.2874946	21	12 24.9	20.4
250293 2003 QA_{2}	17.6	X	94.89646	142.41821	172.02269	1.53331	0.1786404	0.28782676	2.2718620	21	—	—
250294 2003 QJ_{2}	17.2	X	21.12675	88.74204	272.24834	4.89105	0.1548456	0.28228951	2.3014748	21	12 18.7	19.7
250295 2003 QR_{4}	16.9	X	80.31905	13.39334	261.42153	4.96346	0.1374463	0.28118298	2.3075088	21	11 4.4	20.0
250296 2003 QV_{12}	17.1	X	120.06595	255.90473	54.60942	4.27388	0.1212142	0.29183023	2.2510365	21	—	—
250297 2003 QT_{15}	16.6	X	76.53938	34.89130	307.84554	5.99684	0.1393686	0.28812727	2.2702820	21	—	—
250298 2003 QM_{18}	17.0	X	17.31751	210.59202	161.20027	3.32584	0.1932975	0.28246197	2.3005379	21	—	—
250299 2003 QF_{25}	17.1	X	36.39460	108.77622	250.19607	2.18411	0.1270214	0.28446870	2.2897060	21	—	—
250300 2003 QK_{29}	17.1	X	44.06419	103.46943	190.73660	6.40375	0.2640035	0.28033409	2.3121647	21	11 6.9	19.9
250301 2003 QR_{37}	17.1	X	27.60940	172.02981	171.60193	5.64540	0.1839003	0.28080458	2.3095813	21	12 9.1	19.8
250302 2003 QM_{39}	17.5	X	8.96636	47.00497	322.83217	2.73986	0.2388978	0.28043804	2.3115933	21	12 26.1	19.7
250303 2003 QS_{44}	17.3	X	80.70085	34.68148	300.49352	2.27932	0.1548722	0.28801252	2.2708850	21	—	—
250304 2003 QB_{55}	17.3	X	43.99801	356.41128	14.17938	2.41987	0.1878910	0.28607967	2.2811021	21	—	—
250305 2003 QD_{59}	17.1	X	73.02895	336.61406	28.71733	5.58671	0.2157319	0.28924162	2.2644472	21	—	—
250306 2003 QV_{59}	17.2	X	28.58006	281.82346	22.37550	5.72949	0.2553181	0.27658074	2.3330359	21	10 25.9	19.5
250307 2003 QA_{63}	16.9	X	81.32411	163.96944	141.00259	6.43846	0.1313647	0.28327183	2.2961511	21	12 15.9	20.2
250308 2003 QT_{67}	17.5	X	71.63231	157.29707	174.31073	3.92586	0.2760968	0.28689059	2.2768016	21	—	—
250309 2003 QD_{76}	17.0	X	53.39235	148.07046	199.05848	6.34577	0.1977356	0.28447650	2.2896641	21	—	—
250310 2003 QO_{78}	16.8	X	5.15030	142.92795	237.14643	4.84110	0.2476128	0.27852499	2.3221660	21	—	—
250311 2003 QG_{80}	17.4	X	343.44274	280.55748	106.76158	2.16831	0.2086648	0.27915130	2.3186914	21	11 26.1	18.9
250312 2003 QH_{87}	16.7	X	22.96211	14.88220	336.31776	6.83071	0.1295953	0.28099626	2.3085309	21	12 1.9	19.5
250313 2003 QW_{103}	16.9	X	83.81540	288.73757	64.10900	6.31160	0.1948356	0.28958498	2.2626569	21	—	—
250314 2003 QG_{105}	17.1	X	39.07407	329.27092	17.22538	4.15694	0.2380522	0.28203271	2.3028716	21	—	—
250315 2003 QZ_{107}	16.9	X	84.69305	213.44446	123.29920	8.08496	0.3205687	0.28783016	2.2718441	21	—	—
250316 2003 RX_{6}	17.4	X	158.09804	296.50912	329.68442	3.81783	0.1424800	0.29143017	2.2530961	21	—	—
250317 2003 RO_{15}	16.5	X	80.04774	141.51942	216.78991	7.72992	0.2311310	0.28903458	2.2655284	21	—	—
250318 2003 RT_{22}	17.4	X	57.27181	49.38100	292.96970	1.55124	0.2432350	0.28471489	2.2883859	21	—	—
250319 2003 RY_{26}	18.4	X	9.12352	66.45542	296.56988	4.31295	0.2541124	0.27952407	2.3166295	21	12 18.9	20.6
250320 2003 SN_{3}	17.2	X	15.86950	20.07974	339.77867	2.00295	0.2236771	0.27918159	2.3185237	21	12 19.8	19.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250321 2003 SX_{3}	16.9	X	2.81045	42.82230	2.70071	5.82358	0.0487746	0.28337087	2.2956160	21	—	—
250322 2003 SC_{7}	16.8	X	50.05178	34.07270	1.46615	7.25389	0.1109160	0.28947458	2.2632321	21	—	—
250323 2003 SV_{12}	17.1	X	344.96383	184.63234	190.49711	2.46013	0.1830315	0.27688439	2.3313299	21	11 6.2	18.7
250324 2003 SW_{15}	17.7	X	81.34482	144.30299	164.94634	2.38952	0.1747204	0.28471454	2.2883878	21	12 24.9	21.0
250325 2003 SH_{50}	17.1	X	306.53162	191.39255	229.06431	4.56344	0.2129237	0.27587791	2.3369967	21	10 13.7	18.6
250326 2003 SP_{71}	16.7	X	318.16279	157.73547	256.64093	5.07700	0.2265191	0.27628004	2.3347284	21	11 1.8	18.2
250327 2003 SH_{75}	17.3	X	15.24003	6.15920	353.12386	8.41979	0.1710514	0.27918789	2.3184888	21	12 7.7	19.9
250328 2003 SX_{75}	16.9	X	3.60091	201.62321	170.27773	6.86533	0.1502279	0.27883825	2.3204265	21	12 5.5	19.3
250329 2003 SO_{76}	17.0	X	303.44362	217.69164	194.06066	3.51588	0.1963174	0.27210546	2.3585470	21	9 24.5	18.7
250330 2003 SA_{84}	17.2	X	345.26197	212.65231	170.39139	2.31489	0.2265987	0.27679515	2.3318310	21	11 25.2	18.6
250331 2003 SQ_{87}	17.0	X	5.28686	68.59084	1.81800	10.59461	0.1839211	0.28422845	2.2909961	21	—	—
250332 2003 SV_{93}	16.9	X	23.12351	7.91500	327.46148	2.07348	0.1878547	0.27653341	2.3333022	21	11 19.1	19.4
250333 2003 SM_{105}	17.3	X	85.21799	249.17933	3.40424	4.44694	0.0843957	0.27383984	2.3485779	21	10 4.6	20.2
250334 2003 SP_{111}	16.9	X	334.87658	321.73630	81.08939	5.98795	0.2207111	0.27503522	2.3417679	21	11 30.3	18.4
250335 2003 SV_{117}	17.1	X	299.34259	74.96094	8.89657	4.59262	0.1088163	0.27692269	2.3311149	21	11 16.2	19.4
250336 2003 SC_{119}	16.5	X	50.20791	38.59212	282.79441	5.96087	0.1264494	0.27912379	2.3188437	21	11 28.7	19.5
250337 2003 SP_{142}	16.7	X	265.97296	230.88578	166.72365	6.75712	0.1217215	0.26482336	2.4015881	21	7 14.0	20.0
250338 2003 SP_{146}	16.4	X	267.51071	73.59152	331.02813	6.39980	0.1076996	0.26634953	2.3924053	21	7 30.7	19.3
250339 2003 SE_{151}	17.1	X	70.54269	276.13999	95.31327	5.73340	0.1927240	0.28895080	2.2659663	21	—	—
250340 2003 SV_{153}	16.7	X	30.42128	252.89213	67.50636	5.79626	0.2051564	0.27801723	2.3249926	21	11 13.8	19.1
250341 2003 SY_{155}	16.6	X	25.17340	319.85932	11.07089	7.43804	0.1296931	0.27606823	2.3359225	21	11 4.8	19.1
250342 2003 SQ_{156}	17.2	X	319.93432	90.95887	297.02205	1.32512	0.2086175	0.27282983	2.3543706	21	9 22.1	18.9
250343 2003 ST_{178}	17.5	X	20.77805	357.51461	326.34081	1.57595	0.2093018	0.27686506	2.3314384	21	11 2.3	19.6
250344 2003 SQ_{183}	17.5	X	310.18765	146.79043	269.81592	4.31946	0.2231635	0.27421787	2.3464189	21	10 13.2	19.1
250345 2003 SE_{185}	17.2	X	140.49291	263.94798	352.43867	6.44781	0.0886554	0.28480688	2.2878931	21	12 13.5	20.5
250346 2003 SM_{195}	17.0	X	22.32359	84.20349	272.58005	5.88946	0.1497736	0.27861603	2.3216602	21	12 12.8	19.4
250347 2003 SN_{195}	16.7	X	13.84158	73.22604	272.60284	5.52239	0.1258879	0.27572184	2.3378785	21	11 7.7	19.2
250348 2003 SE_{199}	16.4	X	30.92346	68.93796	252.04348	4.89707	0.1374191	0.27485337	2.3428006	21	11 1.6	19.1
250349 2003 SO_{205}	16.9	X	16.00722	81.75888	242.31437	1.13929	0.1922134	0.27397720	2.3477928	21	10 21.7	19.1
250350 2003 SW_{206}	17.3	X	21.19956	1.45699	14.01969	3.08393	0.1749417	0.28159136	2.3052772	21	—	—
250351 2003 SA_{212}	16.9	X	26.46386	255.84673	102.79737	5.96302	0.1864961	0.28180477	2.3041132	21	12 28.0	19.6
250352 2003 SA_{217}	17.3	X	346.35497	67.93111	348.59892	2.56512	0.1579283	0.28283800	2.2984984	21	—	—
250353 2003 ST_{220}	17.2	X	333.64526	312.26684	65.59400	2.50378	0.1910527	0.27177969	2.3604314	21	10 13.5	18.6
250354 Lewicdeparis	17.7	X	338.70536	43.19910	340.85803	1.17177	0.2037596	0.27628704	2.3346890	21	11 6.2	19.1
250355 2003 SK_{250}	15.9	X	348.72302	206.72483	203.06123	23.59621	0.1699245	0.27809289	2.3245709	21	12 31.9	18.8
250356 2003 SF_{252}	16.6	X	13.42945	0.50834	40.74395	7.65252	0.2503938	0.27945247	2.3170252	21	—	—
250357 2003 SN_{255}	16.7	X	341.00359	109.16108	237.60444	2.37967	0.0365747	0.26921578	2.3753943	21	9 6.4	19.4
250358 2003 SY_{258}	16.7	X	0.07236	321.54688	14.70180	6.63978	0.2142677	0.27259075	2.3557470	21	10 10.4	18.4
250359 2003 SL_{271}	17.0	X	38.71089	249.90595	83.70208	6.13214	0.2605968	0.27941249	2.3172462	21	12 20.6	20.1
250360 2003 SP_{272}	17.0	X	349.58098	40.77058	337.86819	6.46399	0.1277661	0.27657264	2.3330815	21	11 12.2	19.2
250361 2003 SS_{272}	17.3	X	351.52829	166.76328	247.09246	5.14791	0.0882216	0.28193170	2.3034216	21	—	—
250362 2003 SS_{296}	17.7	X	16.85386	63.17654	311.43718	9.07885	0.2448266	0.28003975	2.3137846	21	—	—
250363 2003 SH_{303}	16.5	X	65.90348	18.06467	288.18663	5.96103	0.1193862	0.27878950	2.3206970	21	11 26.8	19.6
250364 2003 SY_{306}	16.6	X	175.21262	205.14523	332.34520	7.10796	0.0899202	0.27596022	2.3365320	21	10 6.2	19.9
250365 2003 SJ_{307}	16.1	X	289.31877	123.73212	279.34757	11.67542	0.1971274	0.26864736	2.3787438	21	8 9.8	18.9
250366 2003 ST_{311}	16.9	X	264.53846	273.89427	195.58830	5.87225	0.1023113	0.27653341	2.3333021	21	10 29.2	19.5
250367 2003 SD_{321}	18.1	X	19.09235	337.74678	343.47247	2.36253	0.1888511	0.27598317	2.3364024	21	10 22.3	20.4
250368 2003 SS_{366}	17.8	X	163.29112	257.57154	335.36202	6.33551	0.1687785	0.28624000	2.2802502	21	12 3.8	21.4
250369 2003 TY	16.4	X	351.67958	298.40466	29.82745	9.05211	0.2275089	0.26993745	2.3711587	21	9 9.9	17.9
250370 2003 TK_{4}	16.1	X	326.21192	252.25199	171.20261	23.06593	0.2682260	0.28096511	2.3087015	21	12 20.3	18.2
250371 2003 TW_{4}	16.9	X	286.26987	193.10812	266.51023	5.42404	0.1610615	0.27577005	2.3376060	21	11 8.9	19.2
250372 2003 TS_{15}	16.7	X	54.11572	207.61576	88.30372	7.29918	0.1712177	0.27596509	2.3365045	21	11 8.5	19.7
250373 2003 TU_{15}	16.8	X	38.49834	221.65164	95.37327	5.26381	0.1541261	0.27647329	2.3336404	21	11 13.1	19.5
250374 Jírovec	16.9	X	76.90686	170.76047	125.97701	3.64034	0.1636614	0.27920415	2.3183988	21	12 3.4	20.1
250375 2003 UU_{23}	16.9	X	24.37935	97.01165	220.68423	10.73921	0.2461156	0.27376951	2.3489801	21	11 6.2	19.2
250376 2003 UW_{34}	17.2	X	303.75892	215.99518	183.35482	10.33500	0.2576267	0.26941178	2.3742420	21	8 22.1	19.5
250377 2003 UH_{40}	17.1	X	45.73496	84.85299	194.14069	3.71774	0.1927282	0.26951936	2.3736102	21	10 4.8	19.6
250378 2003 UF_{41}	17.5	X	356.49008	322.81131	49.63696	5.74932	0.2463406	0.27564233	2.3383280	21	12 5.7	19.2
250379 2003 UU_{55}	17.2	X	20.62433	312.11599	321.28612	4.02708	0.1170664	0.26635741	2.3923581	21	7 31.9	19.5
250380 2003 UW_{58}	16.9	X	268.78579	256.50291	228.29432	4.69420	0.0332271	0.27992721	2.3144047	21	12 6.2	19.5
250381 2003 UV_{70}	16.9	X	298.56467	142.30274	261.03827	1.66305	0.1855494	0.26956008	2.3733712	21	9 1.8	19.3
250382 2003 UA_{76}	17.2	X	321.73502	163.10844	281.70333	3.13305	0.1039692	0.28030421	2.3123291	21	12 31.5	19.5
250383 2003 UR_{92}	16.8	X	39.62119	2.05315	335.90569	5.11985	0.2069507	0.27887373	2.3202297	21	12 19.8	19.8
250384 2003 UY_{93}	16.5	X	287.70736	86.82498	344.19531	6.35172	0.0710930	0.27318385	2.3523360	21	10 11.1	19.2
250385 2003 UW_{111}	16.9	X	337.61533	313.95121	52.43617	4.97581	0.2651443	0.27313751	2.3526021	21	10 7.1	17.8
250386 2003 UA_{130}	17.3	X	27.94268	17.10017	358.47399	5.94186	0.1756036	0.28007771	2.3135755	21	—	—
250387 2003 UK_{130}	16.4	X	55.39873	78.07922	284.09443	4.37552	0.1927596	0.28264136	2.2995644	21	—	—
250388 2003 UC_{145}	17.1	X	308.19130	31.05462	15.54096	1.42259	0.1797056	0.27064237	2.3670396	21	9 29.4	19.0
250389 2003 UX_{146}	17.0	X	306.43832	234.90644	175.57810	5.41323	0.2380100	0.27063832	2.3670632	21	9 22.9	18.9
250390 2003 UQ_{147}	17.1	X	3.59318	348.75698	14.75744	4.50909	0.2334893	0.27504087	2.3417358	21	12 3.7	19.1
250391 2003 UZ_{151}	17.5	X	316.08287	79.91734	335.56013	4.29557	0.1258397	0.27421900	2.3464125	21	11 2.6	19.6
250392 2003 UZ_{152}	16.9	X	348.22966	205.29539	166.06062	1.62409	0.1672997	0.27381199	2.3487371	21	11 5.0	18.6
250393 2003 UJ_{158}	17.5	X	282.30153	140.60964	287.87465	4.15678	0.1663157	0.26963658	2.3729222	21	9 12.9	20.3
250394 2003 UG_{164}	17.1	X	293.06081	338.67337	93.39838	3.57159	0.1718068	0.27204046	2.3589227	21	10 11.9	19.4
250395 2003 UX_{168}	16.7	X	296.22480	49.63960	340.37980	0.61872	0.1914419	0.26729149	2.3867813	21	8 7.6	19.0
250396 2003 UX_{173}	15.9	X	325.54117	343.53460	355.51426	12.05387	0.2807119	0.27250656	2.3562321	21	7 1.7	18.0
250397 2003 UZ_{181}	16.7	X	337.93973	123.77300	239.66030	5.59900	0.1384331	0.27147994	2.3621686	21	9 24.9	18.8
250398 2003 UL_{182}	18.0	X	327.68136	130.28953	258.73979	0.79041	0.1918078	0.27331653	2.3515747	21	10 15.9	19.4
250399 2003 UN_{183}	16.9	X	317.33849	344.25648	61.61848	2.96809	0.2047365	0.27301186	2.3533239	21	10 19.0	18.4
250400 2003 UQ_{186}	16.7	X	315.58065	94.37360	336.22229	4.73265	0.1740971	0.27534997	2.3399830	21	11 24.5	18.5

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250401 2003 US_{188}	16.8	X	78.40965	336.29546	345.07912	5.85675	0.1850457	0.28207074	2.3026646	21	—	—
250402 2003 UP_{205}	17.5	X	6.51085	228.76555	167.03477	3.27032	0.1615811	0.28081621	2.3095176	21	—	—
250403 2003 UR_{212}	17.1	X	326.05618	7.47209	10.65814	2.58486	0.2005692	0.27008555	2.3702918	21	9 22.4	18.8
250404 2003 UW_{218}	16.9	X	317.15231	41.37917	332.17213	3.45924	0.1075787	0.26929750	2.3749137	21	9 2.9	19.4
250405 2003 UV_{222}	16.8	X	276.12954	119.14211	282.66943	3.32406	0.1982831	0.26482644	2.4015695	21	7 22.4	19.8
250406 2003 UX_{226}	16.4	X	36.44398	49.42905	266.18867	4.06342	0.1580194	0.27402501	2.3475197	21	11 5.6	19.1
250407 2003 UU_{237}	17.2	X	302.66056	117.93147	231.73369	1.97799	0.1892160	0.26297195	2.4128469	21	6 18.2	19.7
250408 2003 UQ_{242}	16.9	X	258.28926	264.87466	185.91895	3.45078	0.1701562	0.26805936	2.3822211	21	9 9.9	19.9
250409 2003 UN_{243}	17.2	X	1.45277	100.09505	253.14741	2.79813	0.2224225	0.27315094	2.3525250	21	11 11.4	19.1
250410 2003 UD_{252}	16.7	X	356.79191	302.96663	39.01982	6.35243	0.1094059	0.27133320	2.3630202	21	10 3.3	18.9
250411 2003 UR_{256}	17.3	X	331.19919	92.61910	286.73103	1.85108	0.1971763	0.27191743	2.3596342	21	10 6.9	18.8
250412 2003 UU_{269}	16.5	X	231.60383	63.77461	27.30498	7.00837	0.0597062	0.26502826	2.4003501	21	8 26.3	19.7
250413 2003 UJ_{275}	17.4	X	292.45821	109.76587	310.54321	0.48334	0.1721398	0.26999582	2.3708169	21	9 19.8	19.7
250414 2003 UB_{276}	16.7	X	341.64439	321.21131	29.60694	2.85763	0.1918570	0.27000530	2.3707615	21	9 16.9	18.2
250415 2003 UH_{330}	16.7	X	58.76003	47.63986	241.17903	4.78964	0.1451169	0.27435271	2.3456500	21	10 28.5	19.7
250416 2003 UK_{333}	17.7	X	64.57898	314.94388	332.53525	2.17052	0.2145611	0.27947214	2.3169164	21	11 12.9	20.8
250417 2003 UF_{342}	16.9	X	6.37187	87.91317	271.71789	5.74398	0.1326519	0.27928705	2.3179400	21	11 17.5	19.2
250418 2003 VV_{2}	16.4	X	336.16991	41.75980	15.50848	25.99771	0.3050211	0.27437013	2.3455507	21	—	—
250419 2003 VW_{11}	17.0	X	304.57065	78.02900	309.94879	5.86968	0.2323056	0.26852883	2.3794437	21	8 12.2	19.2
250420 2003 WO_{6}	17.3	X	24.54344	213.59056	158.74582	6.84173	0.2541877	0.27938572	2.3173942	21	—	—
250421 2003 WE_{37}	16.9	X	10.06055	331.19221	359.29077	7.69888	0.1357915	0.27006442	2.3704154	21	10 9.4	19.2
250422 2003 WH_{39}	15.5	X	66.85272	114.31602	278.11917	6.62520	0.0990466	0.17621875	3.1509001	21	—	—
250423 2003 WH_{62}	16.5	X	278.95958	197.70903	230.87550	5.69615	0.1402115	0.26782055	2.3836370	21	9 11.3	19.4
250424 2003 WV_{68}	18.0	X	323.18839	217.99146	192.34105	0.61957	0.1998667	0.27255465	2.3559550	21	11 9.9	19.6
250425 2003 WQ_{71}	16.4	X	341.12896	26.78103	290.75188	7.05687	0.1869441	0.26365337	2.4086877	21	7 16.9	18.0
250426 2003 WR_{85}	16.9	X	350.96709	331.77901	22.17651	6.57877	0.1486774	0.27165603	2.3611477	21	10 11.6	18.9
250427 2003 WR_{86}	16.8	X	10.72480	306.33670	68.69910	3.61150	0.2030522	0.27613797	2.3355292	21	12 28.9	19.2
250428 2003 WP_{90}	16.9	X	346.84242	298.34159	90.04632	4.22678	0.0692657	0.27434468	2.3456958	21	11 19.6	19.4
250429 2003 WG_{92}	16.8	X	328.39197	247.24232	123.23832	6.30766	0.2280493	0.26958523	2.3732236	21	9 15.8	18.2
250430 2003 WC_{95}	17.1	X	320.45712	177.18871	232.66142	6.22577	0.0984548	0.27244257	2.3566011	21	11 4.5	19.3
250431 2003 WL_{117}	16.5	X	205.42983	200.94743	307.34768	4.64128	0.1714911	0.26516116	2.3995480	21	9 24.2	20.1
250432 2003 WO_{124}	17.0	X	292.30687	341.76021	49.77529	6.58561	0.1719966	0.26506155	2.4001491	21	8 9.4	19.7
250433 2003 WR_{126}	16.4	X	265.42860	359.10854	41.67526	7.98911	0.1366400	0.26038305	2.4288139	21	7 18.2	19.7
250434 2003 WU_{132}	16.9	X	241.71457	203.79427	242.55182	2.20769	0.1479150	0.26379542	2.4078229	21	8 16.2	20.1
250435 2003 WG_{133}	17.0	X	22.71334	107.77087	253.06520	2.90988	0.2401070	0.27719355	2.3295962	21	—	—
250436 2003 WT_{137}	16.5	X	29.95339	283.97264	84.73903	4.31808	0.2993113	0.27920615	2.3183877	21	—	—
250437 2003 WS_{168}	17.1	X	286.74638	305.30949	161.02826	5.28964	0.1826025	0.27415275	2.3467904	21	11 19.7	19.3
250438 2003 WZ_{169}	17.2	X	35.70673	204.59190	155.74403	9.32666	0.2169970	0.28053950	2.3110360	21	—	—
250439 2003 XG_{16}	16.3	X	283.89584	271.97686	97.59636	8.51604	0.1309008	0.26098364	2.4250863	21	6 28.6	19.1
250440 2003 XY_{16}	16.9	X	235.75166	314.36146	116.28732	5.50274	0.1669975	0.26045689	2.4283548	21	7 17.7	20.3
250441 2003 XM_{27}	16.5	X	257.48139	173.62258	202.16520	7.93162	0.0297970	0.25572414	2.4582246	21	6 16.6	19.7
250442 2003 YH_{20}	17.0	X	313.29421	357.92005	10.80393	2.57318	0.2062987	0.26189303	2.4194692	21	8 5.3	19.0
250443 2003 YA_{52}	17.0	X	228.85002	185.66365	281.41224	2.51775	0.1524748	0.26176513	2.4202572	21	8 28.6	20.5
250444 2003 YA_{56}	16.4	X	266.33626	309.14590	88.14569	7.39894	0.1083449	0.26044146	2.4284508	21	7 17.7	19.4
250445 2003 YQ_{56}	17.5	X	326.38110	151.96422	240.53893	0.81237	0.1908205	0.26981628	2.3718686	21	10 17.8	19.1
250446 2003 YJ_{67}	17.2	X	15.46254	245.16536	87.98487	2.48409	0.1998148	0.27169872	2.3609003	21	11 5.5	19.3
250447 2003 YE_{92}	17.2	X	343.92718	324.52001	38.22037	3.14169	0.2106327	0.26994930	2.3710893	21	10 14.1	18.5
250448 2003 YR_{122}	17.0	X	281.87231	111.12812	300.53523	2.60036	0.1158721	0.26481573	2.4016342	21	8 27.9	19.7
250449 2003 YY_{125}	16.5	X	294.39213	111.26938	291.00790	12.67530	0.1799781	0.26665911	2.3905533	21	8 19.5	19.2
250450 2003 YZ_{126}	16.6	X	270.75016	45.19206	355.81395	5.84573	0.1511256	0.26031456	2.4292399	21	7 23.4	19.8
250451 2003 YJ_{128}	17.0	X	278.68320	30.03631	41.16936	6.12577	0.1644893	0.26406851	2.4061626	21	9 16.3	19.7
250452 2003 YU_{142}	16.6	X	316.69315	32.18052	343.01203	10.75195	0.2038862	0.26436946	2.4043362	21	8 25.0	18.4
250453 2003 YM_{160}	16.5	X	217.18941	89.73559	20.95634	5.36941	0.0628488	0.26095557	2.4252602	21	9 1.9	19.8
250454 2004 AW_{1}	15.2	X	342.33676	252.94043	263.79965	11.63031	0.2017725	0.22634168	2.6666111	21	—	—
250455 2004 BH_{5}	16.3	X	147.31292	129.50352	334.21758	6.07466	0.0216843	0.24544394	2.5263946	21	5 21.7	19.8
250456 2004 BZ_{11}	17.0	X	266.20763	300.61062	111.16972	3.52536	0.1827751	0.25909327	2.4368678	21	7 26.0	20.0
250457 2004 BE_{35}	16.1	X	288.81454	307.69132	314.15384	12.77352	0.1144063	0.23446092	2.6046882	21	2 12.8	19.9
250458 2004 BO_{41}	17.9	X	301.83459	254.42529	337.76120	35.55577	0.4927837	0.95881440	1.0185437	21	—	—
250459 2004 BT_{55}	16.6	X	123.62374	130.16491	4.31679	1.44981	0.0680534	0.24406398	2.5359086	21	6 9.3	20.0
250460 2004 BZ_{57}	17.1	X	344.19825	105.15584	316.08391	18.87089	0.1135774	0.38255629	1.8793420	21	—	—
250461 2004 BO_{76}	15.6	X	326.06469	317.14381	250.31424	13.12971	0.0503741	0.23163359	2.6258406	21	1 27.6	19.3
250462 2004 BS_{85}	16.9	X	110.88483	287.69344	336.32898	19.21808	0.0770488	0.37559337	1.9024975	21	12 3.4	19.7
250463 2004 BQ_{88}	16.3	X	102.05142	274.86479	221.33487	4.53976	0.1972763	0.24270689	2.5453528	21	6 2.9	19.9
250464 2004 BC_{97}	16.6	X	347.27831	251.32273	306.26747	9.63999	0.0726093	0.23306137	2.6151053	21	2 12.8	19.9
250465 2004 BY_{121}	17.0	X	119.20708	263.46456	18.46715	19.66813	0.0596272	0.37914751	1.8905895	21	—	—
250466 2004 BS_{130}	16.2	X	301.99983	354.47198	298.02435	14.11585	0.1464156	0.24299550	2.5433369	21	3 27.9	19.9
250467 2004 BC_{133}	17.4	X	272.92773	196.28814	195.19917	2.07747	0.2136479	0.25850653	2.4405537	21	7 1.2	20.7
250468 2004 BE_{152}	15.9	X	354.77346	42.55387	187.09087	4.18395	0.1770145	0.23915391	2.5705007	21	3 30.3	18.2
250469 2004 CH_{18}	17.1	X	194.32621	129.90446	43.43016	2.80715	0.1633070	0.26116161	2.4239844	21	10 18.2	20.8
250470 2004 CY_{28}	16.2	X	256.52826	283.60046	310.31544	1.82626	0.0453012	0.22594557	2.6697268	21	—	—
250471 2004 CC_{36}	16.3	X	318.32921	215.45523	345.05831	11.23510	0.1250931	0.22601133	2.6692090	21	1 5.8	20.1
250472 2004 CH_{67}	16.9	X	92.17609	213.78611	309.87151	3.58624	0.1552215	0.24422458	2.5347967	21	6 21.7	20.3
250473 2004 CM_{93}	16.8	X	180.94490	280.39863	203.73140	6.04681	0.0715057	0.25345884	2.4728499	21	8 1.9	20.5
250474 2004 CU_{96}	16.5	X	53.99837	325.00101	189.84578	12.67600	0.2141142	0.23671088	2.5881567	21	4 20.2	18.9
250475 2004 CR_{129}	17.4	X	1.94585	97.15060	340.90477	19.12605	0.1296699	0.38601060	1.8681134	21	—	—
250476 2004 DT_{1}	17.3	X	67.45730	22.24059	334.43382	18.72179	0.0688437	0.38314861	1.8774046	21	—	—
250477 2004 DB_{9}	16.3	X	345.44224	31.01331	131.92242	9.14377	0.0924987	0.22563932	2.6721420	21	—	—
250478 2004 DF_{10}	17.4	X	134.68176	299.56767	171.22765	7.49070	0.2183829	0.24412733	2.5354698	21	6 6.8	21.5
250479 2004 DW_{24}	17.1	X	72.62686	337.50534	334.95072	19.30476	0.0726064	0.37764514	1.8956004	21	—	—
250480 2004 DX_{24}	17.1	X	58.32006	344.07724	334.72920	18.39645	0.0688272	0.37631086	1.9000785	21	12 19.2	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250481 2004 DU_{58}	16.1	X	166.47706	117.23457	147.51910	7.91565	0.1074071	0.21234811	2.7825124	21	—	—
250482 2004 DF_{79}	16.9	X	182.20944	219.22106	154.91215	2.79756	0.2226553	0.22641421	2.6660416	21	3 21.0	21.4
250483 2004 ED_{5}	16.4	X	143.46241	358.86390	2.04046	6.16556	0.0423044	0.22320824	2.6915094	21	1 11.3	20.1
250484 2004 ED_{31}	17.5	X	25.01436	240.51542	176.73701	22.67572	0.1253080	0.38514271	1.8709188	21	—	—
250485 2004 EW_{32}	16.0	X	309.54146	227.75423	284.11117	10.41981	0.1401188	0.21591176	2.7518105	21	—	—
250486 2004 EY_{33}	15.9	X	162.72800	227.27577	177.15382	22.04661	0.0962977	0.23461872	2.6035201	21	4 2.7	19.7
250487 2004 EP_{37}	15.7	X	109.92061	297.02216	215.81841	12.67310	0.1363798	0.24390181	2.5370325	21	6 25.1	19.5
250488 2004 EJ_{49}	16.2	X	51.27477	172.77202	6.08845	4.88470	0.0857509	0.23600884	2.5932868	21	4 30.3	19.2
250489 2004 EM_{58}	17.0	X	127.03344	18.29231	106.83796	2.61367	0.0728691	0.24118424	2.5560544	21	6 2.0	20.5
250490 2004 EF_{71}	16.3	X	259.81882	26.10273	172.65737	5.95405	0.0406966	0.21549173	2.7553851	21	—	—
250491 2004 EX_{83}	15.2	X	257.51323	31.58179	5.88427	14.52126	0.2002332	0.24575507	2.5242618	21	6 23.4	19.3
250492 2004 FN_{3}	16.9	X	67.81368	70.56668	211.02139	20.71059	0.0731256	0.36654053	1.9336953	21	11 4.9	18.8
250493 2004 FN_{13}	16.0	X	358.02442	317.92265	195.15141	13.27981	0.1117472	0.22444407	2.6816203	21	—	—
250494 2004 FW_{30}	17.2	X	31.61652	188.05878	157.58980	23.53977	0.0699333	0.37092742	1.9184188	21	12 21.8	19.9
250495 2004 FD_{36}	16.0	X	338.93434	347.96837	174.18668	15.95059	0.0627634	0.22130188	2.7069443	21	—	—
250496 2004 FN_{43}	16.1	X	175.39104	283.32995	28.18433	6.32456	0.0458850	0.21877274	2.7277669	21	—	—
250497 2004 FL_{108}	16.6	X	160.51633	237.10420	181.90488	11.57007	0.0592329	0.23562814	2.5960793	21	4 16.0	20.2
250498 2004 FN_{112}	16.6	X	14.00406	286.07128	198.62084	3.43295	0.0378174	0.22139018	2.7062245	21	—	—
250499 2004 FW_{149}	15.8	X	206.86846	8.47558	256.37051	6.92360	0.0372715	0.21809116	2.7334471	21	—	—
250500 2004 FR_{158}	16.3	X	126.02625	82.14939	342.76763	22.92150	0.0619217	0.23442693	2.6049399	21	3 9.1	19.8
250501 2004 GH_{1}	16.0	X	344.98502	127.68100	23.92214	5.14150	0.0521817	0.21884966	2.7271276	21	—	—
250502 2004 GJ_{4}	15.9	X	135.09772	138.30157	198.44910	12.78831	0.1828680	0.21184867	2.7868840	21	—	—
250503 2004 GY_{4}	16.1	X	309.48787	323.51049	194.80035	12.79422	0.1270772	0.21417365	2.7666784	21	—	—
250504 2004 GP_{5}	15.5	X	175.30401	266.09936	25.71634	13.60162	0.1515066	0.21006397	2.8026466	21	—	—
250505 2004 GW_{40}	16.0	X	214.40095	12.41652	14.69656	9.31574	0.0841658	0.23479036	2.6022511	21	5 2.4	19.9
250506 2004 GD_{45}	16.4	X	222.48523	11.88253	210.46339	7.63170	0.1569733	0.21088306	2.7953847	21	—	—
250507 2004 HE_{2}	17.2	X	284.57252	276.44555	192.69513	22.13622	0.1052218	0.37331692	1.9102239	21	12 27.2	19.3
250508 2004 HR_{18}	15.7	X	288.43606	325.30521	247.15276	7.27553	0.2278260	0.21822087	2.7323639	21	—	—
250509 2004 HX_{28}	16.0	X	269.49964	227.89228	339.05345	2.65166	0.0330082	0.21404574	2.7677806	21	—	—
250510 2004 HC_{78}	15.5	X	19.43604	105.46229	199.33062	24.29900	0.3560343	0.18265876	3.0763970	21	10 10.7	18.5
250511 2004 JK_{29}	15.8	X	186.46150	42.55617	217.98555	11.73602	0.0616785	0.20595039	2.8398428	21	—	—
250512 2004 LW_{6}	15.8	X	93.82256	351.04680	261.16212	8.73037	0.2731406	0.18931861	3.0038196	21	10 22.2	20.9
250513 2004 MY_{4}	15.5	X	0.47623	238.41301	75.23695	14.14264	0.2709256	0.17601271	3.1533586	21	8 31.4	18.6
250514 2004 NA_{4}	15.0	X	30.70614	89.18886	233.65322	15.35980	0.2803670	0.18002649	3.1063122	21	11 9.7	18.8
250515 2004 NM_{5}	15.0	X	28.01280	326.88756	298.55836	15.89458	0.0908020	0.17182662	3.2043682	21	7 25.6	18.9
250516 2004 NY_{21}	15.1	X	326.90959	253.49013	92.36606	14.21326	0.1341320	0.17456284	3.1707952	21	8 3.5	19.1
250517 2004 NC_{22}	14.6	X	6.07860	6.16289	314.63936	29.20073	0.1837840	0.17523702	3.1626574	21	8 28.4	18.4
250518 2004 NE_{31}	15.1	X	26.55426	43.16734	271.06041	13.12350	0.1955492	0.17828096	3.1265550	21	10 3.1	19.1
250519 2004 OV_{3}	15.8	X	22.17931	112.05466	150.18719	11.69506	0.2190432	0.17335384	3.1855205	21	7 24.1	19.3
250520 2004 OZ_{8}	15.3	X	8.93297	278.87966	25.49681	22.02480	0.3571221	0.17577211	3.1562355	21	9 23.3	18.2
250521 2004 PT	14.9	X	357.80500	71.57687	257.65880	18.03194	0.2304678	0.17455841	3.1708488	21	8 26.4	18.5
250522 2004 PQ_{20}	15.5	X	334.77313	234.58965	162.31657	13.88855	0.1701898	0.17927028	3.1150416	21	10 26.3	19.1
250523 2004 PV_{33}	15.4	X	20.90946	346.16092	321.85477	9.78665	0.2163883	0.17641088	3.1486119	21	9 20.3	19.1
250524 2004 PR_{39}	15.5	X	329.84942	268.45509	137.25620	11.54316	0.2870952	0.17438757	3.1729194	21	10 22.1	18.5
250525 2004 PY_{39}	15.5	X	336.60718	54.24207	332.12511	15.42541	0.2386832	0.17516442	3.1635312	21	9 30.9	18.9
250526 Steinerzsuzsanna	15.9	X	332.72026	197.52052	185.27290	11.99429	0.0770116	0.17823407	3.1271034	21	10 3.3	19.7
250527 2004 PH_{49}	15.8	X	346.20011	287.83534	45.27460	4.30799	0.1477542	0.17415580	3.1757337	21	8 19.8	19.4
250528 2004 PO_{54}	15.4	X	11.99014	181.74516	163.18058	13.23573	0.1322432	0.17900156	3.1181584	21	10 21.7	19.3
250529 2004 PT_{75}	14.6	X	2.96916	8.17487	322.10154	22.68665	0.0974015	0.17450982	3.1714373	21	9 3.9	18.7
250530 2004 PM_{79}	15.4	X	319.57919	71.50506	309.65062	12.28109	0.2168195	0.17282305	3.1920396	21	8 23.5	19.1
250531 2004 PG_{92}	15.6	X	330.50265	99.04399	291.87882	14.66030	0.2583197	0.17554157	3.1589984	21	9 19.4	19.1
250532 2004 PM_{104}	15.1	X	8.48637	335.83125	321.39887	15.14119	0.0802539	0.16979437	3.2298860	21	8 7.3	19.1
250533 2004 PU_{111}	15.5	X	351.14633	129.65743	204.94799	16.26226	0.1696824	0.17330223	3.1861529	21	8 23.9	19.4
250534 2004 QW_{4}	15.1	X	34.96120	46.21314	292.07276	9.86796	0.1606085	0.18109923	3.0940332	21	11 15.4	19.3
250535 2004 QA_{5}	15.4	X	327.51656	220.34450	175.12694	15.71306	0.2392465	0.17416166	3.1756626	21	10 1.5	18.6
250536 2004 QJ_{9}	15.0	X	14.22101	267.57095	54.65420	12.60373	0.1567990	0.17835182	3.1257269	21	10 1.1	18.8
250537 2004 QL_{14}	14.8	X	11.41349	19.77892	296.48845	12.05605	0.1636701	0.17456406	3.1707804	21	9 5.4	18.6
250538 2004 QE_{15}	15.8	X	327.06150	81.05279	275.08589	6.29149	0.1008907	0.17070715	3.2183621	21	8 15.8	19.9
250539 2004 QJ_{25}	15.6	X	8.55193	115.73831	221.39749	24.85523	0.3165232	0.17626853	3.1503069	21	10 22.7	18.7
250540 2004 QL_{27}	15.1	X	333.59025	260.17561	105.03487	8.89135	0.1427861	0.17269037	3.1936744	21	9 11.5	18.9
250541 2004 RR_{2}	15.3	X	45.81875	319.30952	326.67231	8.12004	0.0378033	0.17340184	3.1849326	21	9 8.2	19.7
250542 2004 RK_{12}	15.5	X	341.86778	168.42623	197.42850	10.02545	0.1151183	0.17589526	3.1547622	21	9 22.7	19.4
250543 2004 RG_{21}	15.2	X	322.53812	14.74810	340.17457	8.80338	0.0768309	0.17008960	3.2261474	21	8 13.4	19.5
250544 2004 RM_{33}	14.9	X	74.54283	264.61256	0.65085	16.71290	0.1037218	0.17726421	3.1384991	21	9 29.1	19.4
250545 2004 RY_{59}	15.6	X	339.23570	141.82322	190.15058	4.10842	0.0708439	0.16942877	3.2345307	21	8 5.8	19.8
250546 2004 RX_{71}	15.3	X	27.74728	282.01374	18.99305	16.63890	0.1471891	0.17278962	3.1924513	21	9 22.1	19.3
250547 2004 RM_{84}	15.1	X	173.69420	263.20760	250.21319	7.72601	0.0091328	0.17070531	3.2183852	21	8 26.3	19.8
250548 2004 RO_{86}	15.5	X	112.01014	301.39699	345.06705	11.04301	0.0904044	0.18787633	3.0191730	21	12 3.7	20.3
250549 2004 RA_{88}	15.8	X	256.27065	225.16089	202.13154	4.61879	0.0238101	0.17062040	3.2194529	21	8 20.7	20.4
250550 2004 RJ_{90}	15.3	X	324.73064	171.84727	181.77439	12.58898	0.1266846	0.17165442	3.2065109	21	8 6.0	19.4
250551 2004 RM_{123}	14.6	X	53.92344	10.27673	236.15173	21.60696	0.0744168	0.16990606	3.2284703	21	7 28.6	19.4
250552 2004 RP_{123}	15.0	X	282.78975	161.13806	268.50516	15.67271	0.1051465	0.17428347	3.1741827	21	9 7.9	19.7
250553 2004 RC_{138}	14.5	X	37.82493	31.68114	282.15795	15.27863	0.1219541	0.17855298	3.1233787	21	10 8.3	19.0
250554 2004 RL_{157}	14.9	X	176.25730	294.03239	247.11148	9.42958	0.0648379	0.17694036	3.1423275	21	10 2.0	19.9
250555 2004 RY_{159}	15.1	X	38.17165	119.42363	200.46294	13.73020	0.1584747	0.17678190	3.1442050	21	10 30.2	19.2
250556 2004 RO_{162}	15.2	X	306.34578	76.92523	312.67645	11.82710	0.1294898	0.17053431	3.2205363	21	8 24.0	19.3
250557 2004 RW_{174}	15.0	X	9.91052	0.13971	295.35258	11.46916	0.0399721	0.16998347	3.2274901	21	8 2.7	19.4
250558 2004 RZ_{175}	14.8	X	295.31568	67.99762	314.93713	15.31554	0.1055321	0.16924653	3.2368522	21	8 5.2	18.9
250559 2004 RB_{190}	15.0	X	282.84346	261.38561	197.95908	24.74327	0.2845765	0.17341152	3.1848141	21	9 25.7	19.3
250560 2004 RL_{193}	14.7	X	21.25868	347.77124	350.14340	10.29603	0.2233982	0.17640263	3.1487101	21	10 31.5	18.6

Planet		H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
		m		°	°	°	°		°				
250561	2004 RW_{224}	16.0	X	39.31477	136.09948	158.45033	2.25869	0.1424650	0.17710747	3.1403505	21	9 26.9	19.9
250562	2004 RW_{252}	14.6	X	249.96204	199.92106	256.11217	26.86419	0.1352908	0.17309247	3.1887265	21	8 21.4	20.0
250563	2004 RG_{305}	15.9	X	339.96578	137.83862	187.65300	10.26812	0.0755270	0.16908827	3.2388715	21	7 27.9	20.2
250564	2004 RG_{318}	15.3	X	50.54144	37.20106	243.03163	8.33810	0.0967483	0.17373690	3.1808364	21	9 13.0	19.7
250565	2004 RL_{335}	15.1	X	12.87427	287.86451	18.02085	16.00753	0.2390134	0.17462695	3.1700190	21	9 14.4	18.5
250566	2004 SZ_{33}	15.0	X	353.00274	359.26500	304.30732	9.61266	0.0516444	0.16770258	3.2566886	21	7 22.1	19.3
250567	2004 TH_{78}	15.1	X	304.08594	112.60950	287.22347	17.41340	0.1406233	0.16931080	3.2360330	21	8 26.1	19.5
250568	2004 TA_{117}	14.8	X	232.14854	235.89746	221.05861	8.82435	0.0875747	0.16754620	3.2587146	21	8 18.6	19.8
250569	2004 TK_{204}	16.9	X	144.86910	214.73068	40.08695	5.79429	0.1398121	0.29540391	2.2328449	21	12 16.9	20.2
250570	2004 TW_{314}	18.1	X	192.70997	31.15989	232.38801	2.42632	0.1386086	0.30952061	2.1644273	21	—	—
250571	2004 TY_{323}	15.2	X	137.73952	80.67481	50.56716	10.09152	0.0635901	0.15289875	3.4636453	21	6 23.1	20.4
250572	2004 WZ_{7}	17.7	X	222.21144	225.29029	70.45904	3.47711	0.1305753	0.31538685	2.1375043	21	1 4.7	20.8
250573	2004 XO_{1}	17.4	X	121.95988	25.05855	2.20030	6.82658	0.1555351	0.31257443	2.1503067	21	1 14.8	19.7
250574	2004 XP_{99}	17.5	X	63.96315	335.19762	67.82166	2.53397	0.1553669	0.30203983	2.2000197	21	—	—
250575	2004 XK_{146}	16.8	X	38.57421	125.52913	297.84112	4.73923	0.0750215	0.29825601	2.2185876	21	—	—
250576	2004 YB_{25}	14.8	X	114.12503	80.46956	297.26782	7.86099	0.1564276	0.12426071	3.9772251	21	1 29.1	20.5
250577	2005 AC	18.3	X	63.84135	285.59937	315.77819	46.88021	0.5177963	0.91613807	1.0499342	21	—	—
250578	2005 AK_{12}	17.2	X	336.38815	117.78101	336.99091	4.03225	0.1351683	0.29110062	2.2547962	21	—	—
250579	2005 AF_{18}	17.2	X	297.28016	175.98854	308.73994	1.92663	0.1926782	0.28865544	2.2675118	21	—	—
250580	2005 AY_{19}	16.7	X	290.47431	203.09055	278.76044	5.02345	0.1252822	0.28756868	2.2732210	21	12 30.1	18.7
250581	2005 AE_{32}	17.3	X	86.30084	283.02222	133.18344	2.67621	0.1987552	0.30636023	2.1792872	21	—	—
250582	2005 AY_{35}	17.0	X	231.63607	284.73289	260.51896	4.60708	0.1020238	0.28725974	2.2748506	21	12 27.4	19.6
250583	2005 AF_{41}	17.7	X	334.54025	245.49527	219.65341	0.97947	0.1220491	0.29385755	2.2406713	21	—	—
250584	2005 AM_{68}	16.1	X	209.52714	166.67567	309.97617	22.30158	0.1293396	0.27188527	2.3598203	21	8 18.6	19.7
250585	2005 AA_{82}	16.9	X	122.59192	324.69728	70.66575	4.42337	0.0819976	0.30577766	2.1820543	21	1 15.7	19.3
250586	2005 BS_{16}	16.8	X	247.81658	181.96943	327.88876	8.24496	0.0590225	0.28590405	2.2820361	21	12 7.1	19.6
250587	2005 CS_{9}	17.1	X	304.44110	154.93008	354.81839	5.46590	0.1178645	0.29191482	2.2506016	21	—	—
250588	2005 CY_{18}	17.2	X	24.22211	47.72137	18.56221	0.78112	0.1637214	0.29540174	2.2328558	21	—	—
250589	2005 CM_{20}	16.7	X	308.23760	105.80541	334.14700	6.16976	0.0259306	0.28187882	2.3037097	21	12 1.0	19.5
250590	2005 CW_{31}	17.1	X	39.03262	13.68068	4.64626	3.47240	0.1607590	0.28846641	2.2685023	21	—	—
250591	2005 CN_{68}	17.1	X	302.26994	285.70988	196.06711	4.10165	0.1468831	0.28853017	2.2681680	21	—	—
250592	2005 CO_{80}	16.7	X	136.02398	274.49708	270.85151	5.62703	0.0671825	0.26855233	2.3793049	21	8 31.5	20.1
250593	2005 EA_{13}	16.6	X	296.33963	56.11716	24.58803	4.23001	0.0739274	0.27914969	2.3187003	21	11 10.6	19.1
250594	2005 EB_{13}	17.1	X	283.11896	17.21783	136.88974	5.37136	0.0899304	0.28831005	2.2693224	21	—	—
250595	2005 EZ_{21}	17.1	X	314.27407	307.98427	154.72282	5.01253	0.0252899	0.28458450	2.2890849	21	—	—
250596	2005 EO_{60}	17.2	X	329.15000	159.89284	310.01828	3.27072	0.1086641	0.28835707	2.2690757	21	—	—
250597	2005 EJ_{69}	16.4	X	288.59940	273.02549	339.50595	11.35836	0.2647627	0.23763125	2.5814696	21	1 19.3	20.6
250598	2005 EJ_{81}	17.2	X	10.38495	327.64411	316.46566	2.44432	0.1812050	0.25961202	2.4336205	21	8 2.3	19.2
250599	2005 EZ_{98}	16.8	X	261.73572	135.01612	312.35556	6.96249	0.0779216	0.27420132	2.3465133	21	9 22.7	19.8
250600	2005 EG_{136}	17.2	X	207.79787	167.61533	15.40635	2.38637	0.1415813	0.27722399	2.3294256	21	11 16.6	20.4
250601	2005 EF_{154}	16.5	X	30.25477	298.54673	350.62744	5.30572	0.1163250	0.26353503	2.4094087	21	9 11.3	19.1
250602	2005 EU_{157}	17.3	X	326.80868	251.00122	189.00297	2.37076	0.1429727	0.28320922	2.2964895	21	—	—
250603	2005 EH_{158}	16.7	X	351.11946	271.56264	356.67140	7.88454	0.0950623	0.25378907	2.4707043	21	5 24.3	19.5
250604	2005 EC_{177}	16.9	X	82.77710	219.89573	7.22944	2.60440	0.1469095	0.26004842	2.4308971	21	9 5.1	20.0
250605	2005 EU_{197}	17.2	X	251.75455	161.20558	319.90860	2.15602	0.1649644	0.27591249	2.3368014	21	10 14.6	19.9
250606	Bichat	17.2	X	19.15762	92.30259	163.84102	6.26883	0.0838130	0.25807862	2.4432507	21	6 28.4	19.9
250607	2005 EV_{234}	17.7	X	311.66291	241.97208	5.30485	5.39591	0.1919522	0.24297951	2.5434485	21	2 12.6	21.2
250608	2005 EB_{247}	17.1	X	131.73379	185.27201	24.66239	1.70572	0.1300951	0.26785553	2.3834295	21	10 4.9	20.5
250609	2005 EF_{247}	17.3	X	245.05754	80.12971	44.57760	0.88566	0.1493835	0.27584866	2.3371619	21	10 14.3	20.0
250610	2005 EH_{269}	16.2	X	226.62707	275.83724	15.80857	13.83592	0.1855519	0.23083187	2.6319171	21	1 21.2	20.8
250611	2005 ED_{280}	16.4	X	278.07491	236.45993	45.98805	11.65227	0.2703536	0.23883395	2.5727960	21	2 16.9	20.8
250612	2005 EQ_{295}	16.5	X	20.72418	299.96655	331.03500	8.77148	0.0417649	0.25946034	2.4345689	21	7 22.7	19.4
250613	2005 FU_{5}	16.8	X	18.76177	278.79331	332.03543	8.58605	0.0858681	0.25510556	2.4621968	21	6 20.3	19.6
250614	2005 GG	16.2	X	220.46657	335.27875	106.41441	34.83574	0.6594336	0.33792314	2.0413811	21	6 26.0	20.9
250615	2005 GB_{10}	16.0	X	312.31213	266.89203	328.29974	29.08349	0.2085807	0.24004203	2.5641565	21	2 1.4	19.7
250616	2005 GP_{13}	16.4	X	225.09942	185.39241	111.80962	8.57642	0.2613598	0.22997540	2.6384475	21	1 22.0	21.1
250617	2005 GD_{27}	16.9	X	113.14178	248.76878	304.03740	7.92858	0.1635611	0.26176370	2.4202660	21	8 23.9	20.6
250618	2005 GR_{30}	16.6	X	30.79154	44.91586	23.40812	25.62998	0.2359981	0.28986664	2.2611909	21	—	—
250619	2005 GS_{52}	15.7	X	185.90213	303.19722	37.25038	13.73300	0.2902442	0.22868474	2.6483655	21	2 20.3	20.7
250620	2005 GE_{59}	18.0	X	170.51516	243.02579	194.76191	16.07869	0.6024059	0.32201247	2.1080824	21	6 2.9	23.0
250621	2005 GE_{79}	17.0	X	320.45388	66.75190	196.72026	5.36528	0.1758586	0.24346228	2.5400851	21	3 17.4	19.9
250622	2005 GY_{83}	17.2	X	206.16576	276.41602	222.67460	3.73538	0.2006035	0.26972880	2.3723813	21	9 11.9	21.1
250623	2005 GR_{95}	17.0	X	154.63097	121.68493	68.90064	2.95417	0.0730297	0.26655834	2.3911558	21	10 4.1	20.2
250624	2005 GO_{110}	16.9	X	296.21612	11.87261	220.18670	3.34224	0.2425111	0.23446288	2.6046737	21	1 1.5	21.0
250625	2005 GR_{126}	16.4	X	218.80000	256.59228	31.36610	12.45590	0.1552670	0.22886327	2.6469881	21	1 8.2	20.9
250626	2005 GR_{136}	17.5	X	164.19237	10.67999	163.96725	7.23986	0.0526187	0.26423607	2.4051453	21	9 23.4	20.6
250627	2005 GH_{144}	17.0	X	193.68270	0.65115	166.76659	6.55168	0.0876623	0.26915164	2.3757716	21	10 17.9	20.3
250628	2005 GX_{157}	17.4	X	175.74068	353.28867	175.12355	1.31425	0.1147883	0.26644578	2.3918291	21	9 25.9	20.8
250629	2005 GX_{169}	16.8	X	245.36115	260.42963	24.94722	3.85804	0.1777654	0.23320310	2.6140457	21	1 26.6	21.0
250630	2005 GD_{182}	16.4	X	133.98414	241.06110	324.71216	6.42011	0.0716947	0.26631920	2.3925870	21	9 26.2	19.7
250631	2005 HE_{5}	16.4	X	213.89516	123.24753	198.61753	11.90586	0.1439669	0.23084756	2.6317978	21	2 7.9	20.8
250632	2005 JS_{12}	16.4	X	229.42460	183.30021	212.00281	7.41740	0.1530461	0.25268684	2.4778840	21	5 27.1	20.1
250633	2005 JC_{14}	16.3	X	334.36151	327.24623	251.20247	13.47879	0.1425882	0.23908723	2.5709786	21	2 5.9	19.7
250634	2005 JR_{25}	16.1	X	226.46813	153.28885	134.83229	16.71906	0.2427237	0.22855360	2.6493785	21	1 12.5	20.9
250635	2005 JE_{36}	16.8	X	257.37837	320.05209	143.64209	6.00116	0.1294934	0.26684921	2.3894178	21	10 6.1	19.7
250636	2005 JW_{43}	16.4	X	71.21610	329.24578	233.50620	3.99733	0.0470458	0.25326028	2.4741422	21	6 29.3	19.4
250637	2005 JL_{47}	16.1	X	13.57204	40.98816	47.65584	24.05964	0.2255304	0.28761658	2.2729686	21	—	—
250638	2005 JT_{60}	16.0	X	277.22317	9.38331	215.06154	11.74197	0.0917465	0.22818543	2.6522275	21	—	—
250639	2005 JZ_{100}	16.2	X	237.45132	86.57468	171.05295	16.23627	0.1006615	0.22770506	2.6559563	21	—	—
250640	2005 JL_{111}	16.6	X	329.26000	332.58994	259.71581	2.35919	0.1206920	0.24023877	2.5627564	21	2 25.1	19.6

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250641 2005 JB_{118}	17.1	X	219.49557	111.57880	168.22264	5.78554	0.1914523	0.22534835	2.6744417	21	—	—
250642 2005 JN_{120}	17.1	X	167.72770	99.71354	217.46977	12.95108	0.2430923	0.22059414	2.7127310	21	1 1.6	21.8
250643 2005 JW_{127}	16.9	X	187.72049	271.46712	251.76151	4.26437	0.1263188	0.26670162	2.3902993	21	9 29.0	20.5
250644 2005 JC_{128}	16.7	X	259.88217	85.45807	221.08007	16.56443	0.2619462	0.23483449	2.6019251	21	2 20.6	21.5
250645 2005 JU_{132}	17.5	X	301.63393	78.93776	197.94513	8.17794	0.1432963	0.23944568	2.5684122	21	3 14.8	21.0
250646 2005 JC_{140}	16.2	X	270.76907	46.46626	243.57776	7.58796	0.1701079	0.23597641	2.5935243	21	2 19.9	20.3
250647 2005 JQ_{140}	16.6	X	212.98887	103.36122	193.04579	4.35943	0.0582817	0.22987125	2.6392444	21	1 9.4	20.4
250648 2005 JF_{148}	16.2	X	336.33961	52.40112	172.64134	14.86860	0.0400766	0.23820734	2.5773058	21	3 10.3	19.4
250649 2005 JW_{161}	16.5	X	225.52951	83.33283	213.52062	6.79003	0.2076310	0.22920412	2.6443632	21	1 20.6	21.1
250650 2005 JX_{178}	17.2	X	181.92119	348.74747	170.57232	3.68503	0.1175488	0.26488273	2.4012292	21	9 20.5	20.8
250651 2005 JB_{181}	16.0	X	200.40668	240.11825	66.86760	10.57065	0.2254673	0.22493934	2.6776826	21	1 16.7	20.7
250652 2005 KD_{11}	16.2	X	270.91749	127.46208	129.02678	12.39080	0.1657507	0.23063094	2.6334455	21	1 14.9	20.4
250653 2005 KG_{14}	16.1	X	259.31069	148.57995	190.46897	13.73615	0.2035460	0.24063665	2.5599306	21	4 11.2	20.1
250654 2005 LN_{5}	16.1	X	325.02938	113.84227	134.82063	5.30687	0.2392208	0.23870706	2.5737076	21	2 24.5	19.4
250655 2005 LJ_{26}	16.3	X	323.52954	51.56826	199.63175	8.49120	0.1254297	0.23939010	2.5688097	21	3 13.0	19.5
250656 2005 LZ_{36}	16.7	X	284.88867	18.71191	252.98290	3.57455	0.1766736	0.23451834	2.6042630	21	2 13.2	20.7
250657 2005 MQ_{3}	15.2	X	232.62113	152.44010	206.69780	30.43900	0.2280494	0.23573354	2.5953054	21	4 9.7	19.6
250658 2005 MG_{11}	16.4	X	161.84924	194.09301	148.84442	14.13656	0.1028293	0.22478568	2.6789028	21	1 15.1	20.5
250659 2005 MO_{16}	16.7	X	224.08704	120.13143	172.01666	14.38059	0.1424728	0.22799628	2.6536942	21	1 14.9	21.2
250660 2005 NN_{21}	16.5	X	134.09005	102.14000	224.91079	3.55323	0.0680129	0.21127805	2.7918996	21	—	—
250661 2005 NU_{21}	16.3	X	130.51814	184.86848	154.36516	4.96585	0.2044623	0.21108918	2.7935647	21	—	—
250662 2005 NS_{22}	16.3	X	152.68057	11.67255	278.06229	3.92562	0.0981337	0.20877620	2.8141596	21	—	—
250663 2005 NT_{22}	15.9	X	22.48998	68.60136	295.11206	10.85939	0.0714644	0.19721230	2.9231205	21	11 21.2	20.0
250664 2005 ND_{24}	15.7	X	261.85288	287.73927	271.70778	10.87137	0.1668151	0.21513000	2.7584729	21	—	—
250665 2005 NZ_{32}	16.4	X	196.37067	330.87223	292.98170	4.67295	0.0328569	0.21267257	2.7796816	21	—	—
250666 2005 NL_{61}	16.7	X	72.15524	46.16416	303.68966	0.92133	0.0925931	0.20327806	2.8646773	21	—	—
250667 2005 NQ_{67}	16.9	X	254.15430	311.73427	277.32537	3.92916	0.0264168	0.21781961	2.7357185	21	—	—
250668 2005 NA_{73}	16.0	X	70.12197	98.77213	284.53252	13.81078	0.1599975	0.20607534	2.8386948	21	—	—
250669 2005 NE_{109}	17.2	X	130.93061	98.95791	243.78350	1.06258	0.2364256	0.21228252	2.7830855	21	—	—
250670 2005 NO_{124}	16.8	X	313.97407	64.63613	164.16849	1.80407	0.0832733	0.22672589	2.6635977	21	2 8.7	20.2
250671 2005 OX_{7}	16.6	X	87.59012	137.48588	173.15141	8.32197	0.2254438	0.20032694	2.8927427	21	12 23.2	21.4
250672 2005 ON_{21}	16.5	X	127.94769	266.36907	75.49301	1.58660	0.0779383	0.20979872	2.8050083	21	—	—
250673 2005 ON_{22}	16.0	X	165.72591	341.22601	321.49616	12.59476	0.1254698	0.21285528	2.7780907	21	—	—
250674 2005 OV_{22}	15.4	X	142.25437	346.19666	332.52035	7.59705	0.2185637	0.21107563	2.7936843	21	—	—
250675 2005 OV_{25}	16.1	X	114.37171	107.29414	170.35248	12.74652	0.0820269	0.19791347	2.9162124	21	11 30.5	20.7
250676 2005 PU_{3}	16.0	X	169.13135	219.64581	92.77018	13.38406	0.2414560	0.21486478	2.7607424	21	—	—
250677 2005 PC_{22}	15.7	X	87.65822	299.39991	324.95260	10.85523	0.1228145	0.19212273	2.9745199	21	10 13.2	20.2
250678 2005 PK_{23}	16.5	X	342.31459	128.95974	2.48920	3.91274	0.1347230	0.20493630	2.8492034	21	—	—
250679 2005 QM_{2}	15.4	X	288.23931	287.13448	311.51803	24.93283	0.0950453	0.22267419	2.6958112	21	1 22.8	19.3
250680 2005 QC_{5}	19.7	X	103.22937	108.69707	48.08706	9.44921	0.3646082	1.16792467	0.8930165	21	8 25.4	18.9
250681 2005 QA_{9}	16.1	X	14.15901	227.93805	138.66077	3.42765	0.1425551	0.19138760	2.9821319	21	11 23.2	19.6
250682 2005 QT_{16}	15.9	X	82.24999	265.73709	42.42941	1.37187	0.0119937	0.19358238	2.9595488	21	11 20.9	20.1
250683 2005 QD_{31}	15.9	X	182.32259	295.58958	355.81247	12.53785	0.1884046	0.21373716	2.7704439	21	—	—
250684 2005 QB_{35}	16.1	X	358.38825	267.86900	145.30148	2.70142	0.0938678	0.19592583	2.9359022	21	12 23.4	19.6
250685 2005 QC_{40}	15.8	X	109.44958	110.51517	304.44724	12.21565	0.2013552	0.21529292	2.7570812	21	2 24.7	19.8
250686 2005 QK_{43}	16.0	X	351.80576	167.80829	187.32156	9.56222	0.1074412	0.18702141	3.0283670	21	9 27.7	19.6
250687 2005 QW_{51}	16.5	X	52.06276	212.03951	176.86653	6.60985	0.1950179	0.20120938	2.8842788	21	—	—
250688 2005 QX_{94}	16.5	X	82.44951	15.38381	341.42038	9.01918	0.0778259	0.20401677	2.8577581	21	—	—
250689 2005 QC_{102}	15.6	X	267.43089	158.37474	330.73844	10.38042	0.0414936	0.19517256	2.9434514	21	11 18.7	19.9
250690 2005 QH_{103}	16.0	X	217.72514	316.38604	324.46653	4.32302	0.0879854	0.21444597	2.7643358	21	—	—
250691 2005 QZ_{114}	16.3	X	18.52978	178.58406	176.74648	1.75846	0.1124627	0.18931264	3.0038827	21	11 10.9	20.1
250692 2005 QA_{115}	15.5	X	344.06340	60.80120	353.37555	9.74302	0.0970658	0.19183886	2.9774535	21	11 29.9	19.4
250693 2005 QX_{116}	16.4	X	124.02489	204.07100	152.63927	4.90581	0.0827915	0.21024295	2.8010558	21	—	—
250694 2005 QX_{122}	16.1	X	11.14233	234.64584	189.65633	1.78378	0.0750706	0.20091638	2.8870822	21	—	—
250695 2005 QN_{129}	15.7	X	314.45222	224.41006	159.27554	20.16665	0.0928133	0.18320462	3.0702832	21	9 6.1	19.5
250696 2005 QF_{142}	15.4	X	325.67832	171.89080	197.76496	12.20539	0.1042221	0.18110907	3.0939212	21	8 31.4	19.4
250697 2005 QY_{151}	17.9	X	165.01909	124.92186	14.33858	12.64551	0.4393364	0.60735594	1.3809370	21	8 23.2	20.1
250698 2005 QZ_{170}	15.5	X	272.17788	195.51350	274.49261	6.32824	0.0157748	0.19162301	2.9796891	21	11 5.3	19.7
250699 2005 QG_{172}	16.0	X	340.02906	174.11292	215.35884	3.80715	0.1167574	0.18698877	3.0287193	21	10 23.8	19.4
250700 2005 QC_{173}	15.6	X	73.61040	270.97651	343.84354	9.06717	0.0528101	0.18088550	3.0964701	21	9 8.9	19.9
250701 2005 QQ_{176}	16.2	X	118.68286	19.87819	273.38400	0.81555	0.0760155	0.19871293	2.9083855	21	12 21.3	20.6
250702 2005 QU_{176}	16.3	X	44.52080	296.05647	95.55834	3.15254	0.0848577	0.19915415	2.9040882	21	—	—
250703 2005 QK_{177}	16.4	X	44.10919	225.43902	93.39592	9.87905	0.3263067	0.19217213	2.9740101	21	12 2.7	20.5
250704 2005 QC_{183}	16.0	X	337.06933	101.69075	339.16207	7.79882	0.0703380	0.19726564	2.9225935	21	12 26.4	19.8
250705 2005 QF_{189}	16.4	X	58.58023	210.04207	183.32263	1.82695	0.0713607	0.20356672	2.8619686	21	—	—
250706 2005 RR_{6}	18.5	X	25.86755	59.95925	27.29507	6.93146	0.7001394	0.19356834	2.9596918	21	—	—
250707 2005 RQ_{24}	17.7	X	61.23782	36.77073	342.32856	19.29362	0.1387922	0.38725277	1.8641164	21	—	—
250708 2005 RJ_{30}	15.6	X	267.36302	245.62079	170.22831	15.52546	0.2437136	0.17429894	3.1739949	21	7 20.4	20.6
250709 2005 RJ_{31}	15.3	X	33.20254	6.13897	2.44877	18.87526	0.1861626	0.19020116	2.9945204	21	12 30.0	19.7
250710 2005 RF_{32}	15.9	X	3.94782	155.88471	187.34279	1.79438	0.1968860	0.18570071	3.0427084	21	10 9.3	19.1
250711 2005 RZ_{33}	15.6	X	342.88711	331.08415	24.51791	6.99343	0.1463218	0.18073259	3.0982163	21	9 14.8	19.1
250712 2005 RS_{41}	15.5	X	277.49820	275.01240	143.50254	10.71157	0.0756958	0.18356458	3.0662681	21	9 1.7	19.7
250713 2005 RR_{51}	15.6	X	96.24230	282.37546	1.33219	10.43691	0.0926085	0.19285882	2.9669465	21	11 13.6	20.1
250714 2005 SM_{3}	15.3	X	306.47404	198.95313	195.64775	17.00466	0.1100070	0.17908440	3.1171968	21	9 2.1	19.6
250715 2005 SO_{7}	16.4	X	57.44208	109.29804	206.77079	5.85970	0.1444023	0.18931098	3.0039003	21	11 18.9	20.6
250716 2005 SC_{8}	16.5	X	83.09763	345.06355	53.81819	10.38923	0.3185131	0.20503077	2.8483281	21	1 26.7	19.9
250717 2005 SY_{9}	16.1	X	42.21042	284.03708	53.21293	5.99612	0.1705768	0.19163538	2.9795608	21	11 29.1	20.1
250718 2005 SK_{12}	15.3	X	67.15226	326.47747	323.33667	8.13035	0.1516316	0.18822085	3.0154877	21	10 25.9	19.7
250719 Jurajbardy	15.5	X	29.82822	34.42436	330.97975	9.61440	0.0778596	0.19178153	2.9780469	21	12 3.4	19.6
250720 2005 SG_{25}	15.8	X	146.42332	104.45905	177.72428	14.69984	0.1400810	0.20398691	2.8580370	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250721 2005 SM_{28}	15.8	X	355.12425	208.50361	235.60388	5.34540	0.0608550	0.19773258	2.9179906	21	—	—
250722 2005 SN_{29}	14.8	X	191.23975	118.78914	7.92697	24.71030	0.2037484	0.17237854	3.1975248	21	8 23.0	20.5
250723 2005 SN_{30}	16.4	X	309.33419	215.68689	183.56384	13.98013	0.1288215	0.18102423	3.0948878	21	9 12.8	20.4
250724 2005 SJ_{40}	16.3	X	192.31479	36.35005	183.61095	3.13920	0.0160047	0.19439087	2.9513370	21	12 14.9	20.4
250725 2005 SM_{40}	15.4	X	328.48915	4.51708	20.36546	12.50053	0.1208892	0.18323987	3.0698895	21	9 29.9	19.1
250726 2005 SO_{45}	15.3	X	266.33642	54.76203	8.99973	9.01906	0.0811203	0.17705264	3.1409988	21	8 25.8	19.7
250727 2005 SD_{47}	16.1	X	306.68222	78.63908	334.65774	3.62496	0.1412412	0.18260167	3.0770382	21	9 25.9	19.8
250728 2005 SC_{52}	15.2	X	301.60700	183.74490	202.99057	9.08103	0.0789809	0.17647543	3.1478442	21	8 19.8	19.5
250729 2005 SS_{52}	15.7	X	340.87820	210.55296	179.07778	12.72601	0.1284215	0.18627377	3.0364648	21	10 28.0	19.3
250730 2005 SO_{64}	16.4	X	96.78477	136.83110	191.16216	1.57824	0.0881545	0.19723035	2.9229422	21	—	—
250731 2005 SF_{65}	15.2	X	302.72784	184.46744	211.55818	9.28682	0.0939983	0.18123561	3.0924809	21	8 31.7	19.4
250732 2005 SO_{65}	15.6	X	38.85672	23.04334	333.09138	8.60933	0.0813942	0.19251111	2.9705179	21	12 4.6	19.7
250733 2005 SR_{65}	15.0	X	66.59473	21.74948	227.23043	9.22965	0.0734096	0.17916206	3.1162959	21	8 22.6	19.5
250734 2005 SO_{75}	16.9	X	64.20866	104.54035	214.46505	0.38546	0.1663024	0.19265181	2.9690715	21	12 3.1	21.0
250735 2005 SF_{82}	15.7	X	191.76912	44.23099	219.17727	1.21659	0.0257437	0.20277759	2.8693889	21	—	—
250736 2005 SK_{89}	16.0	X	296.27115	177.00825	210.65303	4.82220	0.0307468	0.17649667	3.1475916	21	8 20.9	20.4
250737 2005 SK_{91}	15.9	X	16.69338	332.08523	19.28569	8.74343	0.1296849	0.18615158	3.0377934	21	11 2.3	19.6
250738 2005 SK_{92}	15.8	X	314.66824	230.22674	200.88013	10.65652	0.1889059	0.18579334	3.0416970	21	10 31.1	19.1
250739 2005 SN_{97}	16.2	X	20.34859	310.35281	60.00719	1.84312	0.1126044	0.19113506	2.9847581	21	12 2.3	19.8
250740 2005 SU_{111}	15.1	X	259.94848	230.49636	208.30874	15.48759	0.0575340	0.17798522	3.1300174	21	9 1.7	19.8
250741 2005 SN_{116}	15.1	X	238.82967	190.11477	267.13174	8.90103	0.0891451	0.17826547	3.1267362	21	8 26.2	19.8
250742 2005 ST_{127}	15.8	X	272.75042	199.89863	193.42547	9.28509	0.0931848	0.17473222	3.1687457	21	7 19.0	20.4
250743 2005 SU_{137}	15.6	X	236.46397	253.27832	196.99349	13.05407	0.1111333	0.17386589	3.1792630	21	8 12.8	20.6
250744 2005 SB_{149}	16.5	X	22.36687	273.18457	128.07950	2.18660	0.1363716	0.19398471	2.9554552	21	—	—
250745 2005 SS_{159}	15.8	X	347.09777	98.79150	292.58722	9.06676	0.1186909	0.18794675	3.0184188	21	11 4.2	19.5
250746 2005 SO_{163}	15.0	X	1.88169	279.39845	44.90518	11.43752	0.1707390	0.18026955	3.1035194	21	9 12.4	18.6
250747 2005 SS_{169}	16.3	X	358.43341	67.41257	328.14867	4.08312	0.0348242	0.19130301	2.9830110	21	11 24.7	20.3
250748 2005 SH_{170}	15.3	X	352.47239	49.65889	222.99805	5.66062	0.0766332	0.17069005	3.2185771	21	6 9.9	19.4
250749 2005 SF_{172}	16.0	X	21.59257	340.62918	335.36423	5.46772	0.1599024	0.18423257	3.0588518	21	9 28.2	19.6
250750 2005 SM_{179}	16.2	X	339.26371	221.71394	170.74500	9.58657	0.1499831	0.18670480	3.0317897	21	10 29.2	19.6
250751 2005 SR_{192}	15.9	X	7.16708	170.40297	190.37383	2.33871	0.1697273	0.18509832	3.0493064	21	11 5.5	19.3
250752 2005 SB_{205}	15.7	X	35.62979	213.45527	165.90330	8.24472	0.0648399	0.19480370	2.9471659	21	12 28.1	19.8
250753 2005 SW_{210}	15.9	X	25.64909	321.21624	30.72164	11.33223	0.1573780	0.18949400	3.0019658	21	11 20.4	19.8
250754 2005 SG_{212}	15.6	X	6.17271	93.89584	208.96973	12.36975	0.0608646	0.17511137	3.1641700	21	8 5.4	20.0
250755 2005 SG_{214}	15.2	X	352.40859	319.71559	13.67456	13.17975	0.1765295	0.17896227	3.1186148	21	9 4.9	18.7
250756 2005 SC_{215}	15.1	X	76.76936	37.18100	257.52937	10.96120	0.1042922	0.18931342	3.0038745	21	11 7.9	19.5
250757 2005 SS_{215}	15.9	X	40.49337	324.09152	10.73223	9.39302	0.1574215	0.18760079	3.0221286	21	11 19.0	20.0
250758 2005 SG_{216}	15.4	X	62.13556	273.92546	31.24993	13.01097	0.1688385	0.18840271	3.0135468	21	11 11.7	19.8
250759 2005 SD_{217}	15.4	X	316.31271	219.73960	211.40255	10.98726	0.1649728	0.18495184	3.0509162	21	11 4.8	18.7
250760 2005 SR_{220}	15.5	X	296.40073	79.87917	297.03815	9.22505	0.1148937	0.17455353	3.1709078	21	7 27.9	19.6
250761 2005 SM_{232}	16.3	X	359.35518	132.47629	233.07957	1.50550	0.1136537	0.18358688	3.0660198	21	10 23.5	19.8
250762 2005 SH_{243}	17.3	X	110.41348	111.22861	207.57437	21.08609	0.0647198	0.38494361	1.8715638	21	—	—
250763 2005 SU_{252}	15.7	X	344.37290	237.28395	178.35700	10.79625	0.0927071	0.19129603	2.9830836	21	12 5.5	19.6
250764 2005 SZ_{254}	16.0	X	38.48213	318.33560	62.37678	2.89375	0.0780558	0.19793581	2.9159930	21	—	—
250765 2005 SR_{259}	15.7	X	347.56333	245.71390	141.55915	12.74361	0.1579009	0.18864191	3.0109988	21	11 9.5	19.3
250766 2005 SQ_{262}	16.3	X	15.95373	243.16310	158.11421	2.36969	0.0496184	0.19446412	2.9505958	21	12 27.7	20.2
250767 2005 SL_{263}	15.7	X	121.71517	83.05538	179.59574	9.88332	0.0861722	0.19094808	2.9867063	21	11 19.4	20.3
250768 2005 SU_{275}	16.4	X	128.38335	336.47740	284.86807	1.31287	0.0791674	0.19099569	2.9862100	21	11 22.2	20.7
250769 2005 SX_{279}	15.8	X	54.49509	133.54489	195.22174	15.10058	0.0500350	0.18787867	3.0191480	21	11 18.4	20.1
250770 2005 TM_{5}	15.5	X	350.15460	335.92332	342.82866	9.70037	0.0619795	0.17559238	3.1583889	21	8 8.9	19.6
250771 2005 TS_{5}	15.5	X	79.14356	294.66297	333.63749	8.56635	0.1490061	0.18515218	3.0487150	21	10 12.7	20.2
250772 2005 TR_{6}	15.7	X	359.35610	101.48335	286.99978	8.38791	0.0289519	0.18881966	3.0091090	21	11 15.5	19.9
250773 2005 TV_{11}	16.3	X	314.93325	195.96348	150.94765	2.01991	0.0764146	0.17324287	3.1868806	21	7 20.9	20.5
250774 Syosset	15.5	X	267.09843	35.95262	34.52426	10.45852	0.0482123	0.17801196	3.1297040	21	9 10.9	20.0
250775 2005 TT_{20}	15.9	X	48.02803	344.42495	314.48637	1.14889	0.0664200	0.18519320	3.0482648	21	10 3.8	19.9
250776 2005 TZ_{23}	16.8	X	287.41644	29.89220	29.18039	13.82146	0.1359134	0.24231346	2.5481072	21	9 18.4	19.9
250777 2005 TG_{27}	15.7	X	285.50938	196.63133	199.61006	4.27873	0.1048691	0.17411182	3.1762686	21	8 7.4	20.0
250778 2005 TN_{27}	16.0	X	340.02656	277.66270	186.93056	13.65566	0.1749824	0.19504337	2.9447511	21	—	—
250779 2005 TL_{39}	16.3	X	73.82858	227.21963	119.74736	3.07684	0.1090487	0.19533990	2.9417702	21	—	—
250780 2005 TE_{42}	14.8	X	242.13076	204.05051	211.71024	14.29698	0.1425873	0.17123181	3.2117847	21	7 4.9	20.0
250781 2005 TK_{46}	16.0	X	14.49162	193.93173	180.73750	8.66740	0.1316243	0.18948869	3.0020218	21	12 2.5	19.8
250782 2005 TU_{60}	16.0	X	253.71536	134.27810	313.81198	2.37346	0.1706573	0.17777693	3.1324618	21	8 25.3	20.5
250783 2005 TE_{73}	15.6	X	308.47698	219.78647	143.06642	11.86497	0.1932456	0.17604932	3.1529214	21	7 15.8	19.5
250784 2005 TC_{74}	15.9	X	347.34297	182.87046	192.07689	16.80401	0.2532421	0.18346020	3.0674310	21	10 22.3	18.7
250785 2005 TP_{74}	15.9	X	43.51433	211.06190	196.34029	10.35247	0.2020710	0.20116540	2.8846991	21	—	—
250786 2005 TZ_{75}	15.8	X	23.33091	3.00598	30.01325	13.07932	0.2283616	0.19026803	2.9938187	21	—	—
250787 2005 TA_{77}	14.9	X	274.66819	199.43230	232.63471	26.61424	0.1313816	0.17548038	3.1597326	21	8 25.6	19.9
250788 2005 TG_{77}	15.6	X	18.28939	265.68391	83.76159	3.11917	0.0375994	0.18613365	3.0379885	21	10 26.1	19.6
250789 2005 TT_{77}	15.3	X	249.17851	60.59851	31.88531	17.01289	0.1428318	0.17588941	3.1548321	21	9 7.3	20.2
250790 2005 TK_{86}	16.1	X	339.82307	75.82783	333.12017	6.88183	0.2768840	0.18381493	3.0634834	21	11 18.8	18.8
250791 2005 TU_{95}	15.6	X	358.54969	350.59060	27.63950	9.85903	0.0989858	0.18581438	3.0414674	21	11 5.9	19.3
250792 2005 TO_{101}	15.2	X	57.76863	251.63618	68.15968	10.06219	0.1398107	0.18882782	3.0090223	21	11 23.0	19.3
250793 2005 TF_{118}	16.7	X	30.45008	106.48929	282.88862	0.82955	0.1203004	0.19459334	2.9492895	21	—	—
250794 2005 TC_{129}	16.0	X	263.29499	18.97314	32.94823	3.92082	0.0365062	0.17415232	3.1757760	21	8 11.6	20.5
250795 2005 TZ_{131}	15.8	X	19.48459	292.00133	50.89421	3.18754	0.1185511	0.18488952	3.0516017	21	10 27.3	19.5
250796 2005 TF_{134}	16.0	X	13.72285	21.93678	335.63627	10.99971	0.1631192	0.18593268	3.0401772	21	11 6.6	19.8
250797 2005 TF_{138}	16.2	X	297.15077	202.82061	197.96242	20.53807	0.1622597	0.17782501	3.1318971	21	8 18.1	20.6
250798 2005 TQ_{163}	15.5	X	46.56138	4.99899	245.11658	4.15003	0.1040643	0.17354027	3.1832387	21	8 3.1	19.8
250799 2005 TR_{190}	15.9	X	142.31157	25.67482	195.39433	4.88767	0.1285450	0.18436233	3.0574164	21	10 21.0	20.8
250800 2005 TK_{195}	15.8	X	86.37015	169.24300	71.21327	3.70062	0.1438752	0.18093032	3.0959586	21	9 21.1	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250801 2005 UD_{2}	15.1	X	323.62399	316.04916	43.31056	9.15929	0.0983443	0.17634244	3.1494265	21	8 22.3	19.2
250802 2005 UD_{14}	16.1	X	13.85326	132.70102	215.04331	10.44170	0.0813126	0.18365071	3.0653093	21	10 19.9	20.1
250803 2005 UJ_{14}	15.1	X	6.75098	137.97710	210.43375	13.57546	0.0155691	0.18129995	3.0917493	21	10 4.5	19.4
250804 2005 UL_{14}	15.4	X	61.45672	99.00221	210.76998	8.79548	0.0909793	0.18575406	3.0421258	21	11 8.1	19.6
250805 2005 UY_{18}	15.5	X	225.36372	271.34831	193.52463	4.65008	0.0873572	0.17217869	3.1999985	21	8 23.3	20.4
250806 2005 UG_{30}	15.3	X	280.80635	209.22591	229.67401	8.97328	0.2293085	0.17582067	3.1556544	21	9 3.5	19.7
250807 2005 UW_{33}	16.1	X	59.81146	229.84864	54.80363	4.34246	0.1589778	0.18023368	3.1039311	21	10 15.7	20.3
250808 2005 UH_{36}	16.3	X	98.55960	59.77581	226.33454	4.88067	0.1024200	0.18681956	3.0305479	21	11 22.5	20.7
250809 2005 UB_{41}	15.7	X	282.55978	201.40743	220.62708	4.41783	0.1570178	0.17459607	3.1703928	21	8 28.2	20.0
250810 2005 UX_{50}	15.3	X	278.55481	151.51670	236.88949	9.61112	0.1004927	0.17191968	3.2032118	21	7 18.6	19.9
250811 2005 UJ_{51}	15.2	X	8.39454	344.60750	2.70269	8.73783	0.0958402	0.18230645	3.0803592	21	10 11.3	19.1
250812 2005 UA_{54}	16.2	X	3.40942	237.17090	94.69642	3.68698	0.1857930	0.18085351	3.0968351	21	9 22.7	19.6
250813 2005 UX_{54}	15.5	X	283.01095	191.99969	240.64244	9.75762	0.1952363	0.17691891	3.1425815	21	9 2.9	20.0
250814 2005 UC_{55}	15.7	X	277.92643	117.25828	287.53184	3.89736	0.1676347	0.17316435	3.1878439	21	7 30.8	20.1
250815 2005 UB_{58}	15.0	X	311.90680	142.72785	229.39288	8.70021	0.0954746	0.17407958	3.1766607	21	8 12.8	19.4
250816 2005 UW_{58}	15.3	X	161.52710	253.09880	260.44968	3.94594	0.0849742	0.16940038	3.2348921	21	8 15.5	20.2
250817 2005 UD_{59}	15.1	X	247.00407	187.78831	236.44374	10.09547	0.0961187	0.17014954	3.2253897	21	7 25.3	20.0
250818 2005 UU_{67}	16.1	X	39.71573	269.03906	73.21832	7.77220	0.2007699	0.18875857	3.0097582	21	12 6.2	20.0
250819 2005 UC_{68}	16.0	X	34.23704	241.43626	113.73875	2.68618	0.2065512	0.18930109	3.0040049	21	12 16.0	19.9
250820 2005 UE_{69}	15.3	X	46.27583	67.18564	237.30907	9.01797	0.2323060	0.18506175	3.0497081	21	11 1.3	19.5
250821 2005 UF_{69}	15.2	X	331.56247	317.66702	17.10176	8.01663	0.0221998	0.17229458	3.1985635	21	8 5.7	19.7
250822 2005 UO_{69}	15.3	X	335.56342	341.67364	32.90418	10.33958	0.1036273	0.18023135	3.1039579	21	9 29.4	19.1
250823 2005 UF_{71}	15.9	X	47.18061	17.03974	321.40492	7.93434	0.1484326	0.18974824	2.9992837	21	12 2.6	20.1
250824 2005 UM_{71}	15.3	X	356.58212	29.50201	315.79004	8.08534	0.0762067	0.18055488	3.1002489	21	9 17.4	19.3
250825 2005 UV_{72}	15.9	X	322.30509	157.87611	268.02609	0.59512	0.1702589	0.18442331	3.0567424	21	11 7.6	19.2
250826 2005 UQ_{74}	16.1	X	329.19014	53.54241	18.76895	6.66948	0.1954548	0.18572881	3.0424015	21	11 27.9	19.3
250827 2005 US_{74}	16.4	X	321.11559	138.09137	300.50939	1.37158	0.3019059	0.18494062	3.0510395	21	11 12.4	18.7
250828 2005 UH_{77}	15.3	X	317.02838	238.54878	170.72965	16.05618	0.2070152	0.18089066	3.0964111	21	10 3.9	18.6
250829 2005 UE_{85}	16.2	X	85.79659	85.84212	208.00472	7.54964	0.1181789	0.18746581	3.0235791	21	11 20.5	20.7
250830 2005 UZ_{90}	15.1	X	57.88802	52.14723	239.55639	16.80978	0.1840712	0.18300607	3.0725035	21	10 22.2	19.6
250831 2005 UT_{95}	16.1	X	285.18468	298.18157	116.04924	2.42734	0.1716811	0.17555863	3.1587936	21	8 22.2	20.4
250832 2005 UE_{121}	16.0	X	97.40317	309.87675	347.81570	1.14236	0.1612166	0.19093459	2.9868469	21	12 10.3	20.8
250833 2005 UQ_{131}	15.8	X	323.57673	254.57639	135.98989	12.50648	0.3281346	0.18005396	3.1059963	21	9 5.3	18.5
250834 2005 US_{140}	16.4	X	30.34629	102.96959	217.09529	4.86108	0.2210336	0.18402341	3.0611692	21	10 28.3	20.1
250835 2005 UW_{140}	15.6	X	348.47795	202.67055	190.56419	10.76920	0.0792336	0.18521108	3.0480686	21	11 11.8	19.6
250836 2005 UG_{142}	15.4	X	347.51911	213.79748	178.22662	13.41083	0.1674470	0.18457260	3.0550939	21	11 13.2	18.9
250837 2005 UW_{143}	16.5	X	66.65538	15.40577	328.91088	0.74449	0.1179504	0.19428479	2.9524113	21	12 30.2	20.8
250838 2005 UG_{144}	15.4	X	329.47299	80.29423	271.96288	8.02276	0.1281134	0.17795294	3.1303960	21	8 12.1	19.3
250839 2005 UC_{149}	16.5	X	41.24024	50.68250	287.80490	0.98383	0.2390596	0.18826139	3.0150548	21	12 8.9	20.6
250840 Motörhead	15.6	X	303.79828	190.02066	238.25248	4.35100	0.1236597	0.18020325	3.1042806	21	10 12.5	19.6
250841 2005 UV_{162}	15.8	X	318.01573	344.40321	14.28595	4.97506	0.0831429	0.17500816	3.1654140	21	8 11.5	19.9
250842 2005 UG_{169}	15.8	X	251.96227	64.58831	19.98963	5.21365	0.1525785	0.17329420	3.1862513	21	8 23.5	20.6
250843 2005 UL_{175}	15.5	X	340.97065	333.58458	28.43460	5.86965	0.1496987	0.17795696	3.1303488	21	9 19.1	19.0
250844 2005 UX_{182}	15.5	X	263.61315	88.68503	56.07542	16.70947	0.0887016	0.18587402	3.0408168	21	11 26.9	19.6
250845 2005 UK_{190}	15.8	X	299.29195	59.60754	46.09802	6.17051	0.1979486	0.18591318	3.0403898	21	11 15.7	19.2
250846 2005 UK_{196}	16.1	X	344.44354	287.67033	71.55943	1.76295	0.1891160	0.18040118	3.1020096	21	9 20.7	19.3
250847 2005 UF_{197}	15.4	X	358.96725	257.18683	66.04337	12.22572	0.1485527	0.17506314	3.1647512	21	9 4.1	19.3
250848 2005 UK_{198}	15.9	X	19.18356	140.61395	183.44799	13.13376	0.0885947	0.18530935	3.0469909	21	9 28.9	19.7
250849 2005 UB_{216}	15.5	X	37.66285	121.30446	203.03042	9.27560	0.1303169	0.18423103	3.0588689	21	10 31.9	19.5
250850 2005 UW_{216}	15.6	X	286.95181	235.12187	206.03239	14.18084	0.0191208	0.18300753	3.0724871	21	10 19.2	19.8
250851 2005 UR_{219}	15.8	X	7.07336	12.34397	16.25890	8.84465	0.0239984	0.18809337	3.0168501	21	11 24.8	20.0
250852 2005 UU_{244}	15.9	X	294.98405	28.49300	350.66462	5.07742	0.1611323	0.17141579	3.2094861	21	7 23.6	20.2
250853 2005 UQ_{248}	15.9	X	317.74889	91.54178	192.51728	3.11755	0.0624719	0.16068311	3.3508570	21	5 7.7	20.3
250854 2005 UO_{257}	15.6	X	336.97067	275.34394	50.46776	9.72841	0.1006135	0.17313188	3.1882425	21	7 27.6	19.7
250855 2005 UL_{263}	15.5	X	62.69902	50.42057	207.98233	13.01963	0.0215808	0.17487222	3.1670543	21	8 21.6	20.2
250856 2005 UY_{273}	14.7	X	28.27322	19.91859	281.21341	17.31817	0.1528922	0.18123054	3.0925386	21	9 9.4	18.9
250857 2005 UA_{285}	15.3	X	249.74337	350.08650	86.79172	6.37819	0.0125648	0.17513785	3.1638512	21	8 30.9	19.8
250858 2005 UE_{292}	16.0	X	51.48444	249.99449	357.06423	4.14813	0.0677437	0.16977916	3.2300789	21	8 3.7	20.4
250859 2005 UG_{293}	15.4	X	267.57800	131.85675	254.54743	6.54322	0.0258607	0.16855431	3.2457082	21	7 14.3	20.1
250860 2005 UW_{314}	15.4	X	275.27907	191.91242	225.48328	7.10935	0.0346797	0.17535112	3.1612852	21	8 29.5	19.9
250861 2005 UM_{316}	16.0	X	40.59229	340.53567	320.18056	2.95444	0.0803976	0.17651913	3.1473246	21	9 26.3	20.2
250862 2005 UR_{318}	15.7	X	87.80564	238.03446	35.46027	7.23286	0.1669591	0.18422674	3.0589164	21	11 2.3	20.2
250863 2005 UK_{329}	16.4	X	72.53563	227.18749	88.18975	2.71038	0.2279390	0.19107013	2.9854343	21	12 14.2	20.9
250864 2005 UJ_{340}	15.9	X	65.10310	101.42048	201.54916	8.45997	0.0555725	0.18314589	3.0709396	21	10 29.9	20.2
250865 2005 UR_{348}	15.3	X	157.65774	248.92021	276.00594	7.65289	0.0157714	0.17481223	3.1677788	21	8 21.9	20.0
250866 2005 UM_{351}	15.3	X	337.87340	92.67112	244.40464	9.64001	0.0921966	0.17577066	3.1562529	21	8 6.9	19.4
250867 2005 UZ_{381}	14.7	X	267.11910	236.21281	173.65013	26.11273	0.1860529	0.17327150	3.1865296	21	7 20.1	19.8
250868 2005 UY_{388}	15.7	X	284.35639	273.76660	148.89490	7.68462	0.1316029	0.17740760	3.1368077	21	9 7.4	19.8
250869 2005 UD_{400}	15.6	X	118.43472	349.98641	199.41508	8.91142	0.0369963	0.17167745	3.2062242	21	8 7.4	20.3
250870 2005 UX_{412}	16.4	X	338.60210	224.34900	129.97449	2.01257	0.1857502	0.17644590	3.1481953	21	8 31.6	19.8
250871 2005 UA_{431}	15.8	X	316.37434	117.16126	266.84255	3.79116	0.1617707	0.17700187	3.1415994	21	8 30.0	19.6
250872 2005 UY_{439}	15.7	X	18.01085	137.61367	277.29063	11.10936	0.1163666	0.19577937	2.9373662	21	—	—
250873 2005 UK_{441}	15.4	X	56.20241	322.03359	359.71586	9.49345	0.0972167	0.18550166	3.0448847	21	11 13.5	19.7
250874 2005 UM_{444}	15.4	X	0.75518	76.46221	248.63704	8.50226	0.1293361	0.17536792	3.1610834	21	8 28.6	19.3
250875 2005 UJ_{454}	15.6	X	22.59883	35.42933	338.55385	9.25134	0.0692114	0.18872861	3.0100767	21	12 2.4	19.7
250876 2005 UM_{478}	15.2	X	41.40470	92.19692	194.46186	15.39045	0.0676514	0.17694918	3.1422231	21	9 6.2	19.5
250877 2005 UH_{479}	15.9	X	277.55733	231.40824	185.23760	7.52918	0.1668853	0.17393921	3.1783695	21	8 13.2	20.5
250878 2005 UF_{480}	14.8	X	281.00176	276.29607	124.18835	26.71251	0.0891760	0.17371748	3.1810735	21	8 11.2	19.2
250879 2005 UK_{481}	16.0	X	345.76713	174.08502	170.20758	19.40028	0.2699953	0.17916420	3.1162711	21	8 28.6	18.8
250880 2005 UJ_{488}	15.3	X	153.65929	263.97941	351.41732	9.69395	0.0743347	0.19306900	2.9647928	21	12 10.3	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250881 2005 UK_{489}	15.2	X	77.22150	335.97526	288.26650	8.38723	0.0491428	0.18059094	3.0998361	21	9 20.4	19.8
250882 2005 UN_{489}	15.3	X	248.86768	83.89070	10.77097	21.93297	0.0911884	0.17750404	3.1356714	21	9 14.5	19.9
250883 2005 UZ_{501}	15.8	X	352.65824	202.46169	159.03959	10.13809	0.0974021	0.18246629	3.0785600	21	10 9.4	19.6
250884 2005 UQ_{508}	15.5	X	285.70519	0.73054	11.20581	13.86881	0.0749691	0.16920538	3.2373770	21	7 16.6	20.2
250885 2005 UG_{513}	15.7	X	254.91081	139.54757	331.22976	7.40638	0.0902949	0.18153093	3.0891260	21	10 2.6	20.2
250886 2005 UA_{516}	15.8	X	357.93351	140.28683	151.03417	13.70990	0.1172226	0.17061602	3.2195080	21	7 12.2	19.9
250887 2005 UZ_{517}	16.1	X	258.09001	294.41259	128.34398	8.38538	0.1314599	0.17346112	3.1842069	21	8 4.1	20.5
250888 2005 VJ_{30}	15.7	X	354.52779	263.28545	73.99431	10.83973	0.2372685	0.17742846	3.1365619	21	9 18.2	18.9
250889 2005 VF_{32}	15.9	X	242.08935	248.72980	197.42930	1.98968	0.1470215	0.17000762	3.2271845	21	8 12.5	20.9
250890 2005 VN_{37}	15.1	X	344.63398	304.83194	68.77935	15.90739	0.1827078	0.18011887	3.1052500	21	10 18.3	18.7
250891 2005 VL_{42}	15.1	X	285.73720	44.67148	10.97883	15.61015	0.0621873	0.17681547	3.1438069	21	9 13.7	19.4
250892 2005 VT_{58}	15.2	X	100.01544	344.82568	247.23682	9.10019	0.0406370	0.17666889	3.1455457	21	9 6.6	19.9
250893 2005 VK_{61}	15.4	X	330.24013	278.11148	78.59611	11.22371	0.1948929	0.17656256	3.1468084	21	8 21.5	19.0
250894 2005 VL_{72}	15.8	X	354.07595	254.27755	114.04266	2.49580	0.2080202	0.18142967	3.0902754	21	10 25.0	18.8
250895 2005 VT_{75}	15.3	X	338.99646	355.81398	19.16595	8.89473	0.1721060	0.17989013	3.1078818	21	10 1.9	18.7
250896 2005 VL_{77}	15.2	X	196.04381	211.50172	261.83171	3.83292	0.0976702	0.16856373	3.2455873	21	8 2.0	20.3
250897 2005 VU_{80}	15.3	X	291.52591	320.77898	83.80762	14.49098	0.1184463	0.17422756	3.1748617	21	9 1.4	19.8
250898 2005 VL_{82}	15.1	X	302.99779	78.88400	306.71954	24.76833	0.2373243	0.17409173	3.1765129	21	7 30.7	19.0
250899 2005 VP_{86}	16.1	X	26.10166	18.88372	280.49874	2.76750	0.0801748	0.17544378	3.1601721	21	9 3.7	20.1
250900 2005 VY_{97}	15.4	X	310.34122	29.89220	18.30950	18.43508	0.1952355	0.17832223	3.1260726	21	9 24.1	19.0
250901 2005 VX_{101}	15.1	X	24.51216	72.34987	238.60362	8.60871	0.1345339	0.17973903	3.1096234	21	9 20.5	19.1
250902 2005 VB_{103}	15.2	X	264.64266	84.87726	325.28176	8.18617	0.0283094	0.17158530	3.2073720	21	8 11.1	19.7
250903 2005 VD_{103}	14.9	X	237.35968	212.12433	250.06269	16.25281	0.0869066	0.17411768	3.1761972	21	8 26.9	19.9
250904 2005 VB_{111}	16.0	X	343.78851	171.08184	205.52870	3.79133	0.0973842	0.18129436	3.0918128	21	10 11.9	19.9
250905 2005 VZ_{130}	15.9	X	121.85301	357.38880	179.26460	15.14442	0.0249001	0.17246977	3.1963970	21	7 25.4	20.7
250906 2005 VB_{135}	15.2	X	354.67666	351.98027	1.61840	14.09574	0.0748010	0.17821019	3.1273827	21	9 27.7	19.1
250907 2005 WK	16.5	X	18.19075	205.11079	154.29388	0.14559	0.2155618	0.18459482	3.0548487	21	11 27.9	20.1
250908 2005 WK_{2}	15.2	X	288.65489	81.73277	309.21031	26.12602	0.2317424	0.17479389	3.1680003	21	7 21.2	19.6
250909 2005 WO_{2}	15.3	X	306.04989	74.37917	343.76066	20.12020	0.2410104	0.17767314	3.1336816	21	9 14.9	18.8
250910 2005 WC_{4}	15.5	X	358.96196	113.78372	230.85860	9.24381	0.2081496	0.17978908	3.1090462	21	9 27.2	18.8
250911 2005 WR_{5}	15.2	X	340.10923	331.97312	36.34464	10.79475	0.1058086	0.17850274	3.1239647	21	9 28.9	19.1
250912 2005 WJ_{6}	15.3	X	181.44086	73.87107	74.15342	4.21150	0.1169000	0.16992612	3.2282163	21	9 1.3	20.4
250913 2005 WL_{6}	16.1	X	260.06441	138.64184	282.34723	0.53130	0.1731120	0.17033378	3.2230634	21	7 29.4	20.8
250914 2005 WU_{6}	15.9	X	337.02638	2.80970	30.62705	1.08757	0.1664266	0.18133650	3.0913337	21	10 22.5	19.4
250915 2005 WO_{7}	15.1	X	15.75096	292.82048	35.07194	11.16872	0.1069482	0.17851913	3.1237736	21	10 2.9	19.1
250916 2005 WT_{8}	16.1	X	58.85401	208.32078	49.38090	0.66270	0.1690136	0.17247202	3.1963693	21	9 10.5	20.4
250917 2005 WS_{13}	15.6	X	318.26781	290.63228	62.78695	5.49064	0.0615520	0.17036318	3.2226927	21	8 6.9	19.9
250918 2005 WT_{17}	15.1	X	355.37218	278.02637	68.61149	12.13698	0.1032777	0.17612085	3.1520676	21	9 28.0	19.2
250919 2005 WV_{25}	16.2	X	273.81567	101.43064	354.38820	2.16497	0.1276798	0.17821952	3.1272735	21	10 4.6	20.3
250920 2005 WW_{27}	15.8	X	199.70016	155.04134	336.83344	1.17234	0.1372991	0.16914262	3.2381777	21	8 27.4	20.9
250921 2005 WH_{34}	15.4	X	6.28923	74.56171	265.70221	9.18218	0.1283283	0.17761980	3.1343090	21	9 27.2	19.4
250922 2005 WH_{47}	15.7	X	253.19661	185.07153	265.88334	2.74768	0.1411731	0.17249235	3.1961182	21	8 30.8	20.4
250923 2005 WH_{55}	15.7	X	15.91856	275.13060	39.88320	5.80182	0.0922129	0.17327478	3.1864894	21	9 13.7	19.7
250924 2005 WC_{72}	15.7	X	313.94035	227.92964	156.17395	10.22218	0.1451450	0.17734177	3.1375840	21	8 30.1	19.5
250925 2005 WN_{72}	15.2	X	11.38679	153.04609	206.75387	16.20612	0.1456723	0.18495573	3.0508734	21	11 9.2	18.9
250926 2005 WA_{74}	15.6	X	277.28260	251.06692	169.49160	13.63280	0.2922876	0.17291237	3.1909402	21	7 30.6	20.4
250927 2005 WQ_{105}	16.3	X	39.35544	255.27916	124.60152	0.53795	0.1695972	0.19018882	2.9946499	21	—	—
250928 2005 WR_{114}	15.3	X	303.34228	166.12850	272.27523	15.72686	0.1833560	0.18181695	3.0858854	21	10 12.0	19.4
250929 2005 WK_{117}	14.7	X	138.01112	166.09808	47.13056	20.72045	0.1311962	0.17663139	3.1459909	21	10 14.1	19.9
250930 2005 WK_{118}	15.4	X	245.06971	110.74000	324.09153	5.25913	0.0510402	0.16987715	3.2288366	21	8 14.3	19.8
250931 2005 WF_{122}	17.1	X	274.46116	310.91920	93.77397	24.05805	0.1079849	0.35757447	1.9658862	21	8 21.9	19.5
250932 2005 WO_{124}	15.7	X	323.89604	231.22594	213.29692	10.59845	0.1593791	0.18507183	3.0495973	21	12 6.6	19.2
250933 2005 WD_{184}	15.6	X	318.77397	223.27971	222.42186	9.36918	0.1137618	0.18530613	3.0470262	21	12 1.2	19.4
250934 2005 WO_{192}	15.7	X	306.29974	264.38189	150.60539	13.23831	0.2906193	0.17693015	3.1424484	21	9 7.0	19.1
250935 2005 WW_{194}	15.0	X	352.95741	239.10186	80.17691	28.24677	0.2321990	0.17481115	3.1677918	21	8 20.6	18.8
250936 2005 XS_{5}	15.9	X	339.57078	209.79958	169.36094	1.37233	0.1655421	0.17926955	3.1150501	21	10 7.9	19.2
250937 2005 XE_{22}	15.7	X	191.38299	136.79504	351.53535	4.77499	0.0857558	0.16775653	3.2559902	21	8 18.1	20.6
250938 2005 XB_{58}	16.3	X	338.95535	45.24085	320.86723	2.88974	0.1475600	0.17582648	3.1555848	21	9 17.6	19.9
250939 2005 XZ_{64}	15.5	X	292.10097	240.74643	210.63579	7.66202	0.2487740	0.17972362	3.1098011	21	10 6.3	19.2
250940 2005 XN_{84}	15.6	X	345.64259	253.75414	130.35065	2.64944	0.1948147	0.18062952	3.0993948	21	10 28.3	18.8
250941 2005 XP_{92}	15.2	X	269.12096	106.92150	44.92477	22.09663	0.1998616	0.18486972	3.0518196	21	11 24.2	19.3
250942 2005 YC_{123}	15.4	X	256.42062	151.25443	284.10924	17.12670	0.1868229	0.16967823	3.2313596	21	8 5.6	20.4
250943 2005 YK_{124}	15.5	X	304.46526	103.43210	293.17500	11.22177	0.1922111	0.17231743	3.1982807	21	8 20.1	19.6
250944 2005 YK_{211}	17.4	X	292.66900	265.59422	139.35652	23.64257	0.1044926	0.36319050	1.9455679	21	9 28.2	19.3
250945 2005 YP_{214}	15.7	X	285.25890	66.16329	6.73535	13.32493	0.2747751	0.17200418	3.2021626	21	9 2.8	20.1
250946 2005 YD_{282}	16.2	X	301.17861	15.75228	42.60715	1.13861	0.1311780	0.17574631	3.1565444	21	9 25.8	20.0
250947 2005 YB_{287}	14.8	X	314.10973	11.85312	38.68516	23.98126	0.1914820	0.17504953	3.1649152	21	10 8.7	18.6
250948 2006 BD_{39}	15.2	X	351.62041	279.26725	124.51513	18.11938	0.1401596	0.17790832	3.1309193	21	12 4.3	19.2
250949 2006 BT_{55}	17.8	X	282.96597	107.53614	332.74130	18.01653	0.1281538	0.36385340	1.9432041	21	10 16.1	19.7
250950 2006 BH_{126}	17.9	X	177.42537	100.14928	154.00961	4.36864	0.1522001	0.30255784	2.1975079	21	—	—
250951 2006 BX_{256}	17.5	X	86.59618	332.78131	101.10365	2.29526	0.1598501	0.26102439	2.4248339	21	2 6.5	19.8
250952 2006 BA_{267}	15.6	X	293.50068	50.17068	19.49088	21.00691	0.2544523	0.17356600	3.1829241	21	9 17.8	19.7
250953 2006 BL_{275}	17.1	X	84.86167	277.74548	14.06590	5.21561	0.2086466	0.28717662	2.2752895	21	12 8.9	20.7
250954 2006 CJ_{8}	17.1	X	211.28957	0.14755	280.24947	2.27462	0.1527805	0.31364443	2.1454134	21	—	—
250955 2006 CF_{68}	15.1	X	240.60303	127.46935	255.73474	3.79086	0.0845877	0.15403863	3.4465370	21	6 1.7	20.2
250956 2006 DO_{7}	17.3	X	78.97947	56.00363	27.28417	7.64390	0.1421591	0.26095969	2.4252346	21	2 7.2	19.9
250957 2006 DX_{40}	16.6	X	114.96327	71.47968	155.46582	23.05779	0.2476662	0.28283603	2.2985091	21	10 23.5	20.9
250958 2006 DX_{41}	16.4	X	91.27366	229.31197	13.46337	8.03909	0.2343176	0.28209994	2.3025058	21	10 15.6	19.8
250959 2006 DZ_{46}	17.7	X	143.97094	101.13296	173.15330	6.24933	0.1642480	0.29745626	2.2225624	21	—	—
250960 2006 DB_{60}	17.5	X	133.71516	69.65717	192.38970	2.48371	0.1664331	0.29235809	2.2483261	21	12 15.3	20.9

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
250961 2006 DW_{96}	17.4	X	166.98651	61.04689	187.36491	4.20398	0.1406469	0.29649355	2.2273709	21	12 30.8	20.7
250962 2006 DU_{106}	14.9	X	133.45203	152.91821	219.42224	1.94123	0.1113906	0.12401670	3.9824403	21	2 6.5	20.7
250963 2006 DX_{180}	17.4	X	159.15028	254.39762	27.36109	4.43043	0.1469732	0.30156719	2.2023178	21	—	—
250964 2006 DJ_{197}	17.0	X	176.77858	305.09808	288.13589	6.53367	0.1516543	0.29644551	2.2276116	21	12 21.0	20.3
250965 2006 EY_{38}	17.3	X	151.48880	356.55087	262.32028	6.20364	0.1692798	0.29585178	2.2305909	21	12 27.6	20.7
250966 2006 FG_{7}	16.9	X	106.98745	261.72917	29.29101	6.57996	0.1723148	0.28993196	2.2608512	21	12 26.9	20.5
250967 2006 FN_{45}	17.5	X	193.40336	121.64139	124.16432	3.38237	0.1610836	0.30038362	2.2080991	21	—	—
250968 2006 GM_{26}	16.8	X	148.51460	301.30174	40.87205	7.22738	0.2647375	0.30450879	2.1881117	21	1 5.0	19.8
250969 2006 HF_{26}	17.3	X	20.56745	241.42474	107.16492	2.89270	0.2489009	0.28055037	2.3109763	21	12 15.9	19.7
250970 2006 HQ_{35}	17.4	X	244.08494	101.73596	133.31332	3.54179	0.1200743	0.30573484	2.1822580	21	—	—
250971 2006 HV_{39}	16.9	X	101.95588	39.58368	239.68512	4.95795	0.2461383	0.28608282	2.2810853	21	12 10.9	20.8
250972 2006 HA_{60}	16.6	X	18.15240	266.72661	52.65789	23.31526	0.2797734	0.27597169	2.3364673	21	11 7.3	18.8
250973 2006 HN_{70}	17.9	X	177.50484	221.59121	112.95590	2.58187	0.1515080	0.31291588	2.1487422	21	1 10.6	20.7
250974 2006 HC_{83}	17.8	X	104.86588	88.18833	206.44322	0.48455	0.1238310	0.28870743	2.2672396	21	12 27.1	21.0
250975 2006 HH_{92}	17.6	X	42.76205	223.23963	100.62279	5.06861	0.2454336	0.27964688	2.3159512	21	12 10.9	20.7
250976 2006 HV_{101}	17.7	X	104.68982	165.65114	135.58559	3.47345	0.1857191	0.28790690	2.2714403	21	—	—
250977 2006 HT_{111}	16.8	X	140.27453	284.21679	336.63449	7.14275	0.1124390	0.29102363	2.2551939	21	12 20.4	20.2
250978 2006 JL_{25}	17.1	X	25.06951	236.92649	61.58971	4.27227	0.2344105	0.27462286	2.3441115	21	10 9.8	19.2
250979 2006 JB_{31}	17.2	X	107.06936	134.07778	152.43127	4.49014	0.1089031	0.28820430	2.2698774	21	12 18.4	20.5
250980 2006 JM_{35}	17.4	X	152.72157	32.19943	197.78685	5.53387	0.1808097	0.28757661	2.2731792	21	11 22.3	20.9
250981 2006 JC_{47}	16.6	X	122.85848	22.98368	275.54989	5.04634	0.1399061	0.29217535	2.2492635	21	—	—
250982 2006 JX_{57}	16.7	X	77.79246	196.00830	80.79951	5.63549	0.1681155	0.27952818	2.3166067	21	11 10.0	20.0
250983 2006 KE_{1}	17.2	X	46.29425	73.41673	216.34103	7.01886	0.2216887	0.27526457	2.3404669	21	10 26.0	19.9
250984 2006 KC_{17}	17.3	X	128.07366	85.86433	172.65741	7.15207	0.0728712	0.28682157	2.2771668	21	12 4.5	20.5
250985 2006 KO_{19}	17.8	X	87.58801	270.78496	23.69354	0.77820	0.2211526	0.28594107	2.2818392	21	12 15.9	21.3
250986 2006 KG_{20}	16.7	X	84.37014	217.97037	82.30523	8.76253	0.1607264	0.28643916	2.2791931	21	12 15.7	19.9
250987 2006 KH_{28}	17.2	X	68.47312	89.62561	229.31842	3.47176	0.1256292	0.28574833	2.2828651	21	12 19.2	20.3
250988 2006 KK_{31}	17.5	X	153.34764	232.71020	45.28099	2.88400	0.1742360	0.29386824	2.2406169	21	—	—
250989 2006 KX_{40}	17.1	X	315.54948	246.56850	230.07620	5.00188	0.0883942	0.29760689	2.2218124	21	—	—
250990 2006 KH_{51}	17.6	X	80.05290	92.38382	217.52041	3.31456	0.1870610	0.28411055	2.2916299	21	12 25.3	21.0
250991 2006 KG_{54}	15.8	X	84.28614	258.14790	76.06216	10.81041	0.1389174	0.22502779	2.6769810	21	—	—
250992 2006 KK_{76}	17.5	X	67.39193	126.76419	198.69034	4.46471	0.1521991	0.28776009	2.2722128	21	12 29.3	20.7
250993 2006 KH_{122}	16.8	X	41.27430	141.89392	115.32187	5.50663	0.2294735	0.26963300	2.3729433	21	9 4.6	19.2
250994 2006 MR_{5}	17.1	X	333.40757	347.38952	301.81157	2.01993	0.1982628	0.25777048	2.4451974	21	5 10.6	19.4
250995 2006 MO_{9}	16.6	X	78.95598	338.78219	270.78616	8.96658	0.0976936	0.26998341	2.3708896	21	9 18.9	19.9
250996 2006 MK_{11}	16.8	X	271.53994	244.78533	105.12289	5.06485	0.2109346	0.25359173	2.4719859	21	5 6.9	20.4
250997 2006 MW_{11}	17.2	X	81.75418	254.29987	123.35897	6.15358	0.1408936	0.29941427	2.2128623	21	—	—
250998 2006 OY_{7}	16.7	X	326.26049	251.76114	55.02985	2.86640	0.2078383	0.25729614	2.4482017	21	5 22.9	19.1
250999 2006 OQ_{12}	15.9	X	347.60935	298.17693	8.03315	12.18365	0.1986331	0.26150232	2.4218785	21	7 17.5	18.0
251000 2006 OY_{13}	17.3	X	306.35434	221.61734	140.47120	5.65513	0.1909631	0.26059213	2.4275146	21	7 12.9	19.9
251001 Sluch	16.3	X	43.22756	303.42287	310.83317	12.47511	0.2902672	0.26527929	2.3988356	21	9 6.3	19.0
251002 2006 OP_{21}	16.8	X	277.16188	109.61436	176.04851	4.65294	0.1794582	0.23783347	2.5800061	21	2 22.5	20.8
251003 2006 PB	16.7	X	341.38746	137.48562	223.75470	2.97176	0.2404982	0.26477955	2.4018530	21	10 2.3	18.1
251004 2006 PO_{3}	17.2	X	275.01163	314.68834	59.16042	3.47888	0.1952206	0.25680899	2.4512968	21	6 12.1	20.5
251005 2006 PP_{4}	16.7	X	296.53850	17.11562	342.73108	1.65813	0.2242048	0.25710023	2.4494453	21	6 17.4	19.4
251006 2006 PO_{12}	16.6	X	14.90463	338.88063	294.64740	4.00573	0.1633589	0.26002141	2.4310654	21	7 24.1	18.7
251007 2006 PX_{15}	17.1	X	309.07793	325.76626	12.18238	4.53461	0.2011916	0.25694822	2.4504112	21	6 8.8	19.8
251008 2006 PN_{25}	16.6	X	312.59462	34.67394	330.34650	7.01431	0.1431450	0.26139392	2.4225480	21	8 8.0	18.9
251009 2006 PF_{29}	16.9	X	358.09667	172.49616	149.91445	6.37695	0.1724555	0.26553126	2.3973178	21	9 7.4	18.7
251010 2006 PU_{31}	17.0	X	37.21137	92.74452	156.11715	10.12896	0.2065256	0.26268291	2.4146165	21	8 6.6	19.3
251011 2006 PP_{32}	15.9	X	220.13192	185.19169	163.89130	27.95167	0.1009307	0.23992365	2.5649998	21	3 24.1	19.9
251012 2006 PE_{38}	16.9	X	301.98638	252.88547	122.27108	5.84386	0.2457204	0.26197749	2.4189491	21	7 15.3	19.1
251013 2006 PF_{41}	17.4	X	327.96939	138.19961	220.78921	4.46363	0.1531219	0.26434832	2.4044643	21	8 25.7	19.5
251014 2006 QR_{4}	16.9	X	306.57482	150.19648	181.00016	2.22779	0.1988873	0.25655913	2.4528881	21	5 27.2	19.5
251015 2006 QA_{6}	16.3	X	339.75264	315.95768	300.62114	13.82448	0.0691706	0.18231606	3.0802509	21	4 23.9	20.7
251016 2006 QA_{30}	16.5	X	21.76644	185.74705	103.63474	3.52028	0.1913827	0.26380009	2.4077945	21	9 9.5	18.6
251017 2006 QJ_{30}	17.1	X	306.61259	278.38588	109.50909	3.17821	0.1948740	0.26305082	2.4123646	21	8 24.4	19.1
251018 Liubirena	16.9	X	282.34396	103.34076	278.61523	1.35258	0.2067493	0.25752109	2.4467758	21	7 1.6	20.0
251019 2006 QV_{31}	17.1	X	309.17441	142.69735	182.66240	6.72610	0.2296674	0.25508835	2.4623076	21	5 18.5	19.9
251020 2006 QV_{34}	16.8	X	359.03992	251.89936	58.04261	2.95737	0.1736349	0.26359145	2.4090649	21	8 20.2	18.7
251021 2006 QQ_{36}	16.7	X	290.39066	264.52797	99.95103	5.59196	0.1979265	0.25735849	2.4478063	21	6 19.6	19.6
251022 2006 QN_{39}	15.9	X	158.28402	3.89716	5.17976	13.26318	0.2948321	0.22920597	2.6443490	21	3 3.1	20.5
251023 2006 QE_{46}	17.2	X	324.07899	174.62601	154.60868	3.03023	0.2116775	0.25991800	2.4317102	21	6 22.8	19.4
251024 2006 QE_{51}	16.6	X	66.49127	268.86008	13.61809	7.07316	0.1002484	0.27172911	2.3607243	21	10 22.6	19.7
251025 2006 QC_{60}	17.3	X	324.35729	139.73657	221.36535	1.24056	0.2191315	0.26365807	2.4086591	21	8 14.9	18.9
251026 2006 QG_{60}	16.7	X	314.51267	7.78811	348.68759	0.68055	0.2064475	0.26123107	2.4235547	21	7 17.9	18.8
251027 2006 QH_{61}	16.4	X	201.65933	185.66986	185.33907	4.69334	0.2761435	0.23606756	2.5928566	21	3 31.4	21.0
251028 2006 QO_{79}	17.0	X	291.53753	215.10732	171.34114	10.37752	0.2243071	0.25893486	2.4378615	21	7 17.1	20.0
251029 2006 QH_{94}	17.3	X	329.63840	296.58010	349.85608	0.82733	0.1690666	0.25330309	2.4738634	21	5 4.9	19.9
251030 2006 QV_{96}	15.3	X	298.42697	248.41567	124.73674	13.15595	0.1062104	0.19068689	2.9894330	21	7 28.2	19.1
251031 2006 QB_{97}	16.9	X	1.89115	216.52041	94.49998	3.25608	0.1908831	0.26511863	2.3998046	21	8 30.7	18.7
251032 2006 QU_{100}	16.4	X	176.56403	196.21485	191.08660	13.85728	0.3027597	0.23420844	2.6065598	21	4 2.9	21.2
251033 2006 QY_{123}	16.4	X	212.56383	358.80894	316.30720	7.71074	0.2068896	0.23335290	2.6129268	21	2 2.1	20.9
251034 2006 QY_{126}	17.0	X	295.12757	40.25281	11.78329	9.92139	0.2657605	0.26095262	2.4252785	21	8 29.5	19.5
251035 2006 QS_{138}	16.5	X	245.60665	340.96094	21.34615	16.16803	0.2099788	0.24694800	2.5161260	21	4 23.4	20.7
251036 2006 QC_{139}	17.2	X	322.62085	214.70191	169.85162	1.57007	0.1421682	0.26697037	2.3886949	21	9 28.4	19.2
251037 2006 QX_{139}	17.2	X	22.78734	135.57477	183.94601	3.36591	0.1496830	0.26994282	2.3711273	21	10 20.2	19.6
251038 2006 QK_{166}	16.2	X	162.04000	44.86076	328.83773	12.85432	0.1335868	0.22999616	2.6382888	21	2 23.7	20.3
251039 2006 QX_{166}	15.7	X	204.02881	320.44084	43.84302	12.77922	0.1797001	0.23305539	2.6151501	21	3 30.2	20.1
251040 2006 RN_{3}	17.3	X	243.29171	139.64623	190.52368	8.59731	0.2398538	0.24372554	2.5382556	21	3 12.6	21.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251041 2006 RM_{15}	16.7	X	226.19575	73.35278	291.65991	3.04082	0.1115079	0.24333128	2.5409966	21	4 15.4	20.7
251042 2006 RY_{16}	16.3	X	122.20727	123.59730	293.38259	10.98319	0.1591401	0.23008592	2.6376026	21	3 5.2	20.3
251043 2006 RS_{17}	16.3	X	182.35259	147.58563	248.76467	8.29345	0.0932026	0.23893440	2.5720748	21	4 8.5	20.2
251044 2006 RY_{18}	16.4	X	171.46024	39.25044	358.43971	29.42153	0.2135058	0.23529668	2.5985167	21	3 31.6	20.9
251045 2006 RC_{21}	16.3	X	335.09354	240.44334	339.71010	1.48261	0.0932407	0.23710450	2.5852915	21	2 23.3	19.5
251046 2006 RT_{44}	16.6	X	126.55836	355.53865	72.07599	1.39141	0.0547269	0.23277221	2.6172706	21	3 15.6	20.2
251047 2006 RO_{52}	16.9	X	233.16733	115.00916	185.97043	3.38176	0.0576164	0.23017415	2.6369285	21	2 5.9	20.6
251048 2006 RB_{54}	16.3	X	347.81535	55.14138	178.73658	4.85348	0.1115648	0.23938956	2.5688135	21	3 31.9	19.1
251049 2006 RL_{55}	15.7	X	294.86876	253.85171	18.44048	14.79366	0.0697366	0.23695518	2.5863775	21	3 17.3	19.2
251050 2006 RM_{58}	17.2	X	241.17929	92.37762	188.97978	4.38808	0.1979752	0.23255627	2.6188905	21	1 15.7	21.7
251051 2006 RZ_{59}	17.0	X	215.25931	323.95757	353.26527	3.66206	0.2603854	0.23404020	2.6078088	21	2 7.2	21.6
251052 2006 RV_{60}	15.8	X	357.35948	152.97125	165.85546	12.13095	0.0117787	0.19251529	2.9704750	21	8 16.3	19.9
251053 2006 RM_{62}	16.7	X	210.35488	283.15317	92.43054	3.30086	0.1623457	0.24043050	2.5613937	21	4 14.8	20.9
251054 2006 RV_{74}	16.7	X	70.19697	320.53377	173.47563	6.21717	0.0472885	0.23603336	2.5931071	21	3 25.5	20.0
251055 2006 RH_{87}	17.1	X	105.88078	257.09763	164.86831	1.07626	0.1034641	0.22798442	2.6537862	21	2 16.7	20.4
251056 2006 RJ_{94}	16.9	X	230.79353	270.40207	0.94555	6.43609	0.2393667	0.22821895	2.6519678	21	—	—
251057 2006 RD_{95}	16.4	X	312.38735	59.25106	206.57856	9.10953	0.0317955	0.23773827	2.5806948	21	4 1.2	19.7
251058 2006 SU	16.0	X	128.95411	38.55143	14.50492	13.09996	0.1960154	0.22850497	2.6497544	21	3 20.4	19.9
251059 2006 SP_{4}	15.7	X	195.23349	0.98968	28.40818	9.33082	0.1936341	0.23589743	2.5941031	21	4 17.3	19.9
251060 2006 SU_{5}	15.4	X	179.93874	335.78109	33.90081	26.17303	0.1760649	0.23262082	2.6184061	21	3 23.8	20.0
251061 2006 SJ_{14}	16.9	X	271.73754	13.48684	299.68092	3.94100	0.1921119	0.24434843	2.5339401	21	3 19.9	20.7
251062 2006 SK_{18}	15.9	X	65.07764	271.70624	176.20078	9.15133	0.1608411	0.22251549	2.6970928	21	1 27.3	18.9
251063 2006 ST_{22}	16.5	X	92.45958	252.94342	42.96274	8.29508	0.1206864	0.27429661	2.3459698	21	12 12.4	19.9
251064 2006 SK_{23}	16.0	X	197.70038	54.27204	23.30168	13.02085	0.2398276	0.24156442	2.5533719	21	6 16.0	20.6
251065 2006 SW_{25}	15.8	X	244.28203	302.64610	313.17844	10.40419	0.1162924	0.22813906	2.6525869	21	—	—
251066 2006 SG_{26}	16.2	X	73.21302	111.83310	314.75156	10.05093	0.1735310	0.22211810	2.7003087	21	1 17.4	19.0
251067 2006 ST_{34}	17.0	X	242.10088	79.43636	250.06742	3.36773	0.2337068	0.24089053	2.5581317	21	3 10.9	21.4
251068 2006 SN_{35}	17.0	X	204.90597	201.47586	198.06655	4.08524	0.1409378	0.24254191	2.5465069	21	5 9.2	20.9
251069 2006 SB_{37}	17.0	X	167.52647	76.67271	346.21608	4.58556	0.3348245	0.23605140	2.5929750	21	5 8.4	21.8
251070 2006 SV_{40}	16.9	X	188.16718	317.08327	51.81907	5.10283	0.1491561	0.23568805	2.5956393	21	3 18.4	21.0
251071 2006 SH_{46}	16.6	X	208.95054	321.02560	33.46135	3.99144	0.1741168	0.23537269	2.5979573	21	3 18.7	20.8
251072 2006 SU_{48}	16.0	X	162.60658	11.61608	31.26255	8.20240	0.1867512	0.23178623	2.6246877	21	4 6.8	20.1
251073 2006 SM_{57}	16.5	X	152.58171	113.58300	356.59591	13.69147	0.1670288	0.24249666	2.5468237	21	6 18.1	20.8
251074 2006 SN_{57}	16.3	X	250.00097	122.87380	196.00287	28.36864	0.2046188	0.23939491	2.5687752	21	3 4.9	20.9
251075 2006 SP_{71}	16.5	X	105.69508	245.14182	192.48356	12.59726	0.1433324	0.22798378	2.6537912	21	3 13.2	20.1
251076 2006 SH_{76}	16.8	X	285.54542	259.51230	34.65504	7.78839	0.1212387	0.23997008	2.5646690	21	3 24.7	20.4
251077 2006 SX_{78}	16.6	X	150.94591	21.77691	27.07923	7.35211	0.2822222	0.23057219	2.6338928	21	4 9.7	21.0
251078 2006 SL_{79}	15.8	X	102.19030	157.86092	285.66118	12.62088	0.0491210	0.23199180	2.6231369	21	2 24.8	19.6
251079 2006 SC_{81}	16.4	X	172.49235	224.73801	197.44718	1.77458	0.0678244	0.24071307	2.5593888	21	5 3.0	20.1
251080 2006 ST_{85}	16.9	X	151.82640	95.22167	356.53885	1.35615	0.1483186	0.23981737	2.5657576	21	5 23.5	20.9
251081 2006 SZ_{90}	17.0	X	177.47477	9.88521	1.87213	2.21544	0.1899531	0.23214967	2.6219476	21	3 12.2	21.3
251082 2006 SW_{93}	17.2	X	245.84943	201.98766	135.99010	0.88475	0.2369644	0.24086463	2.5583150	21	3 25.9	21.6
251083 2006 SM_{104}	16.9	X	266.47519	117.75264	174.52971	3.01101	0.0354746	0.23609537	2.5926530	21	3 7.7	20.2
251084 2006 SR_{105}	16.6	X	282.49718	220.98964	15.39570	1.73024	0.1468331	0.22908862	2.6452519	21	1 4.6	20.7
251085 2006 SY_{108}	17.4	X	287.66806	302.32956	20.95876	10.26039	0.1716858	0.24609344	2.5219474	21	4 22.9	20.9
251086 2006 SE_{113}	16.7	X	267.57637	284.94343	356.21174	6.87155	0.1837817	0.23932065	2.5693066	21	2 9.8	20.7
251087 2006 SS_{123}	16.7	X	208.01180	47.59086	294.64802	2.67779	0.1066414	0.23536925	2.5979826	21	2 28.7	20.6
251088 2006 SM_{126}	15.6	X	335.39486	151.55806	172.89249	10.70651	0.1190403	0.18778260	3.0201776	21	7 17.8	19.4
251089 2006 SR_{139}	17.1	X	289.56295	255.19982	88.37536	4.29973	0.1888442	0.25260410	2.4784250	21	5 22.0	20.3
251090 2006 SM_{144}	16.7	X	205.47681	60.97322	241.19293	1.87218	0.1144072	0.22713499	2.6603985	21	1 10.8	20.8
251091 2006 SY_{171}	17.2	X	126.34832	248.95596	194.70457	3.63383	0.0924177	0.23632889	2.5909449	21	4 9.4	20.7
251092 2006 SW_{197}	16.5	X	170.51039	178.53337	219.48497	2.51784	0.2298095	0.23211674	2.6221955	21	4 8.1	20.8
251093 2006 SE_{200}	16.4	X	278.06475	25.90611	206.17987	12.03916	0.0756939	0.22485532	2.6783496	21	—	—
251094 2006 SC_{201}	16.5	X	78.70751	239.23981	205.46968	3.64860	0.0776659	0.22482346	2.6786027	21	2 4.1	19.9
251095 2006 SK_{211}	16.2	X	250.25483	256.47908	42.62139	14.96678	0.1866860	0.23552056	2.5968697	21	2 21.6	20.7
251096 2006 SO_{223}	16.4	X	188.07602	306.43870	9.11234	15.99976	0.1628067	0.22556840	2.6727020	21	1 17.4	21.0
251097 2006 SC_{224}	16.9	X	233.13719	309.67975	31.31325	4.91457	0.2947686	0.23872641	2.5735685	21	3 18.7	21.5
251098 2006 SE_{256}	16.6	X	119.50884	111.71867	215.16447	5.62943	0.0439549	0.21376165	2.7702323	21	—	—
251099 2006 SF_{268}	16.3	X	122.64190	39.39344	333.23803	4.71856	0.1535844	0.22144765	2.7057562	21	1 16.1	19.9
251100 2006 SU_{269}	16.4	X	192.45701	211.54196	209.43904	17.00327	0.1601756	0.23963000	2.5670949	21	5 24.8	20.7
251101 2006 SQ_{280}	16.1	X	138.30394	198.30707	170.75728	6.06986	0.0314459	0.22268445	2.6957283	21	1 11.7	19.8
251102 2006 SZ_{280}	16.7	X	238.56479	201.74761	128.71587	6.21350	0.3295612	0.23937574	2.5689124	21	3 8.9	21.4
251103 2006 SO_{282}	16.5	X	200.86896	354.70924	344.54396	7.43569	0.2074319	0.23250710	2.6192597	21	2 21.9	21.0
251104 2006 SN_{283}	15.7	X	135.02351	358.42409	35.64147	15.84673	0.1072193	0.22669011	2.6638780	21	2 26.7	19.8
251105 2006 SJ_{284}	16.5	X	182.91258	94.38196	271.61424	6.03509	0.1010364	0.23495591	2.6010287	21	3 2.4	20.5
251106 2006 SW_{290}	16.9	X	158.45274	65.48955	359.10703	4.98591	0.0822896	0.23631675	2.5910336	21	4 19.6	20.6
251107 2006 SA_{295}	16.8	X	168.98351	226.94423	204.04131	3.98168	0.0634238	0.24215074	2.5492486	21	5 10.5	20.3
251108 2006 SJ_{295}	16.2	X	51.04718	348.74424	188.75150	10.77530	0.2118530	0.24023568	2.5627783	21	5 18.6	18.8
251109 2006 SN_{296}	17.2	X	292.59610	318.43579	336.66299	1.93919	0.1512044	0.24430639	2.5342308	21	3 26.5	20.8
251110 2006 SL_{297}	17.1	X	310.18866	291.37648	356.91046	1.87234	0.1099405	0.24548601	2.5261059	21	4 16.3	20.0
251111 2006 SM_{309}	17.0	X	213.01846	276.65200	356.42203	6.08146	0.0919282	0.22234513	2.6984703	21	—	—
251112 2006 SP_{322}	16.6	X	159.60445	313.29708	63.14821	3.99509	0.1160044	0.23015681	2.6370609	21	2 25.9	20.5
251113 2006 SX_{331}	16.6	X	139.83711	63.80426	347.87274	3.02060	0.0728699	0.22966517	2.6408230	21	3 13.3	20.3
251114 2006 SO_{332}	16.7	X	189.76042	16.35899	15.80125	6.26087	0.1666741	0.23604769	2.5930022	21	4 14.9	21.0
251115 2006 SW_{332}	17.3	X	251.06882	291.68913	36.60491	3.36189	0.1925138	0.24134177	2.5549420	21	3 22.3	21.3
251116 2006 SK_{336}	16.2	X	72.98791	275.72191	161.96248	8.83073	0.0071258	0.22511951	2.6762537	21	1 11.4	19.9
251117 2006 SB_{354}	16.9	X	235.01377	198.00686	173.87717	7.44300	0.1264556	0.24274728	2.5450704	21	5 6.1	20.7
251118 2006 SB_{356}	16.4	X	244.22277	135.16610	189.20809	14.40449	0.1363662	0.23668820	2.5883220	21	3 12.7	20.5
251119 2006 SD_{356}	15.9	X	92.17781	68.24736	28.92281	11.51632	0.1615478	0.22762319	2.6565932	21	3 28.4	19.2
251120 2006 SH_{357}	16.4	X	227.16691	281.30283	47.99325	9.00940	0.1772632	0.23431180	2.6057932	21	3 7.3	20.8

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251121 2006 SM_{359}	16.3	X	95.71567	342.47594	74.26809	4.87805	0.1023757	0.22173566	2.7034128	21	1 29.6	19.7
251122 2006 SE_{360}	16.4	X	105.05264	197.11128	217.71619	7.54059	0.1290462	0.22445761	2.6815125	21	2 8.1	20.0
251123 2006 SD_{363}	16.5	X	128.93910	244.89563	178.97909	6.14810	0.2404971	0.22712650	2.6604648	21	4 6.1	20.5
251124 2006 SO_{364}	16.1	X	166.19424	325.61946	30.11504	5.88790	0.0869763	0.22233275	2.6985705	21	2 6.4	20.1
251125 2006 SM_{375}	16.2	X	293.80872	35.03809	172.78969	12.20447	0.1389396	0.22582021	2.6707148	21	—	—
251126 2006 SC_{393}	16.0	X	145.02991	88.58927	296.50773	8.25256	0.0951366	0.22793961	2.6541340	21	2 14.7	19.9
251127 2006 SB_{398}	17.0	X	177.09304	352.30076	26.11469	3.84672	0.1115888	0.22887633	2.6468873	21	3 17.3	20.9
251128 2006 SE_{400}	17.0	X	273.68832	95.63752	204.76809	8.20261	0.1225738	0.24011307	2.5636507	21	3 14.1	20.8
251129 2006 SW_{413}	16.1	X	170.16894	24.53910	294.13225	13.61036	0.1265052	0.22196490	2.7015511	21	—	—
251130 2006 TQ	16.5	X	116.31694	234.59434	152.58915	8.83567	0.3053149	0.21957221	2.7211416	21	2 15.1	20.3
251131 2006 TA_{4}	17.0	X	223.05785	200.72588	180.94450	5.70733	0.1208548	0.24076256	2.5590381	21	5 6.1	20.8
251132 2006 TG_{20}	16.8	X	201.22392	64.75887	288.70343	1.58468	0.1483905	0.23290124	2.6163038	21	3 8.8	20.9
251133 2006 TJ_{20}	16.8	X	143.08722	41.48358	5.55351	2.86365	0.1391317	0.22963135	2.6410823	21	3 19.0	20.5
251134 2006 TV_{21}	17.2	X	190.34530	125.05420	204.93124	3.93003	0.2927301	0.22887239	2.6469177	21	2 3.8	22.1
251135 2006 TC_{25}	17.0	X	104.97653	92.79423	24.52695	5.09799	0.0311718	0.23563386	2.5960372	21	4 17.3	20.2
251136 2006 TO_{34}	16.5	X	189.79978	116.41750	231.13238	4.04393	0.1790608	0.22981403	2.6396825	21	2 19.6	20.9
251137 2006 TO_{37}	15.9	X	162.34702	64.28301	234.77037	3.90057	0.0940938	0.21405835	2.7676719	21	—	—
251138 2006 TV_{37}	16.3	X	90.20109	151.65193	226.00304	5.59646	0.0444191	0.21367888	2.7709476	21	—	—
251139 2006 TZ_{37}	16.7	X	126.94141	156.86394	206.23606	1.67331	0.0978901	0.21904231	2.7255284	21	1 1.1	20.4
251140 2006 TK_{45}	16.3	X	218.89197	298.34661	50.74508	5.18588	0.2588793	0.23583544	2.5945577	21	3 20.0	20.9
251141 2006 TN_{45}	16.7	X	119.33716	207.90639	188.41174	1.89197	0.2081455	0.22258076	2.6965655	21	2 16.5	20.4
251142 2006 TB_{46}	16.2	X	210.16331	267.73319	44.72651	11.42020	0.2761529	0.22908677	2.6452661	21	2 1.8	21.2
251143 2006 TR_{46}	16.5	X	70.31812	357.52073	57.44650	6.10529	0.0485325	0.21601132	2.7509648	21	—	—
251144 2006 TZ_{46}	16.4	X	199.57315	120.71169	206.63988	1.38337	0.1581906	0.22742552	2.6581323	21	2 5.1	20.5
251145 2006 TV_{48}	16.5	X	87.31084	214.87729	212.82678	4.84316	0.0585743	0.22167613	2.7038967	21	1 23.4	20.1
251146 2006 TO_{49}	16.6	X	157.48105	133.52523	222.25528	2.76073	0.0965942	0.22494390	2.6776465	21	1 25.3	20.6
251147 2006 TZ_{51}	15.9	X	139.65539	309.63612	65.49409	7.34275	0.0576941	0.22164388	2.7041589	21	1 27.4	19.7
251148 2006 TL_{56}	16.6	X	141.46536	143.73561	224.94232	8.90971	0.2136231	0.22369087	2.6876365	21	2 3.6	20.9
251149 2006 TS_{56}	16.6	X	137.62627	130.68562	259.62961	1.07424	0.1433999	0.22657175	2.6648057	21	2 20.5	20.5
251150 2006 TQ_{64}	16.2	X	258.96172	11.21417	250.97528	7.11879	0.1649871	0.23302930	2.6153453	21	1 9.6	20.4
251151 2006 TS_{72}	16.5	X	162.13211	311.89126	12.56034	9.78262	0.2152878	0.22243126	2.6977736	21	1 6.2	21.0
251152 2006 TY_{72}	16.4	X	216.81681	78.68689	267.48341	2.58073	0.0691224	0.23380276	2.6095741	21	3 15.0	20.3
251153 2006 TR_{73}	17.1	X	224.33970	108.28218	202.43782	10.51151	0.1899009	0.23041501	2.6350905	21	2 3.6	21.8
251154 2006 TX_{73}	17.0	X	158.97035	228.35232	153.32876	6.47911	0.1612032	0.22972812	2.6403405	21	3 6.2	21.2
251155 2006 TG_{74}	16.2	X	98.69051	291.30902	124.58648	4.30109	0.1069514	0.22326269	2.6910718	21	1 31.9	19.6
251156 2006 TU_{74}	16.9	X	117.72817	130.54305	267.16974	1.61497	0.1093046	0.22405730	2.6847055	21	2 2.3	20.5
251157 2006 TN_{75}	16.9	X	238.47695	191.55958	158.30051	6.44612	0.1834025	0.23976920	2.5661012	21	4 7.9	21.0
251158 2006 TK_{78}	16.7	X	192.75197	296.80295	56.42124	4.04091	0.1483951	0.23256650	2.6188137	21	3 3.5	20.9
251159 2006 TA_{81}	16.1	X	300.63226	229.61123	18.82010	13.30036	0.1535458	0.23086110	2.6316949	21	2 12.5	20.0
251160 2006 TG_{82}	16.0	X	135.08684	142.04489	242.36694	5.80106	0.1055992	0.22453909	2.6808638	21	2 4.2	19.9
251161 2006 TY_{82}	16.4	X	117.55905	36.54113	352.64254	5.98064	0.0363381	0.22188214	2.7022228	21	1 14.0	20.1
251162 2006 TM_{83}	16.2	X	202.18490	32.08125	265.72479	4.30877	0.1274831	0.22320785	2.6915126	21	1 3.6	20.5
251163 2006 TY_{87}	16.1	X	281.53231	160.04125	18.27401	4.55281	0.0143890	0.21166127	2.7885287	21	—	—
251164 2006 TJ_{97}	16.6	X	161.84575	317.03837	338.65084	3.82657	0.0482065	0.21228285	2.7830827	21	—	—
251165 2006 TB_{106}	15.9	X	63.04225	282.24701	197.50810	12.35170	0.2218638	0.22389669	2.6859892	21	3 17.3	18.6
251166 2006 TW_{108}	16.5	X	64.74575	331.78287	126.34635	3.15247	0.1690712	0.22335882	2.6902996	21	2 12.9	19.3
251167 2006 TJ_{113}	16.3	X	122.41853	250.51442	139.96461	11.23537	0.1337773	0.22281445	2.6946797	21	2 2.9	20.0
251168 2006 TO_{121}	16.6	X	189.23203	252.48361	16.60797	7.52018	0.1911271	0.21514889	2.7583115	21	—	—
251169 2006 UF_{2}	15.9	X	234.49958	104.88813	211.49207	11.11755	0.0343495	0.22883447	2.6472101	21	2 25.3	19.7
251170 2006 UE_{3}	16.1	X	152.31395	207.73507	195.39597	8.90044	0.1967198	0.22978845	2.6398784	21	3 27.8	20.2
251171 2006 UM_{6}	16.6	X	150.22676	237.93692	178.83746	5.06319	0.2329711	0.23190033	2.6238267	21	4 15.7	21.0
251172 2006 UM_{8}	16.2	X	185.04694	144.16754	222.55824	11.48195	0.2116909	0.23092821	2.6311850	21	3 9.3	20.8
251173 2006 UO_{12}	16.3	X	104.41875	284.75871	134.83947	2.62773	0.0550320	0.22415529	2.6839230	21	2 5.5	19.6
251174 2006 UB_{13}	16.4	X	240.34890	188.74954	130.43737	3.05734	0.1162829	0.23328006	2.6134707	21	3 6.4	20.4
251175 2006 UM_{16}	16.7	X	172.75745	297.35130	97.26945	3.93769	0.1895800	0.23197345	2.6232752	21	4 6.5	21.0
251176 2006 UB_{24}	16.9	X	209.81540	312.77139	344.72343	2.50953	0.1084003	0.22506615	2.6766768	21	1 10.3	21.0
251177 2006 UH_{26}	16.6	X	178.46976	277.77347	17.21685	4.91194	0.0956358	0.21808620	2.7334886	21	—	—
251178 2006 UE_{32}	16.6	X	163.04745	281.42950	37.85860	5.14117	0.1785606	0.22070416	2.7118295	21	—	—
251179 2006 UT_{32}	16.9	X	165.62347	344.71272	34.00816	2.85302	0.2244711	0.23011783	2.6373587	21	3 13.3	21.3
251180 2006 UZ_{37}	16.6	X	105.38073	214.25896	222.12491	3.99469	0.1432460	0.22581710	2.6707393	21	3 11.6	20.2
251181 2006 UX_{58}	16.5	X	150.74014	69.44831	331.35795	11.88163	0.2772275	0.23059254	2.6337378	21	3 25.6	21.2
251182 2006 UR_{60}	16.3	X	183.24776	6.73542	8.64203	6.43706	0.3103905	0.23242263	2.6198943	21	3 24.9	21.2
251183 2006 UP_{61}	16.0	X	209.14407	296.47629	42.06348	12.97141	0.2032356	0.22993832	2.6387312	21	3 5.5	20.7
251184 2006 UY_{70}	15.8	X	96.40951	359.19381	71.86992	9.35098	0.2108324	0.22284167	2.6944602	21	3 10.4	19.4
251185 2006 UM_{77}	16.8	X	135.14222	76.62459	357.50844	5.19509	0.0793313	0.23299782	2.6155808	21	4 5.2	20.5
251186 2006 UQ_{79}	16.2	X	290.47343	212.01081	346.14380	4.67492	0.0514285	0.21885806	2.7270578	21	—	—
251187 2006 UR_{80}	16.4	X	188.22136	182.96920	200.72925	8.04643	0.1670810	0.23494989	2.6010731	21	4 3.4	20.7
251188 2006 UJ_{84}	16.6	X	153.46211	334.27914	47.75864	3.16129	0.1421138	0.22627986	2.6670968	21	2 28.9	20.6
251189 2006 UA_{88}	17.3	X	127.69880	45.83339	27.79007	12.00390	0.1864691	0.22923657	2.6441136	21	4 11.2	21.2
251190 2006 UF_{90}	16.1	X	74.82340	145.20343	232.24867	11.27143	0.1045051	0.21034027	2.8001917	21	—	—
251191 2006 UK_{90}	16.5	X	100.05442	96.74538	269.27274	2.57578	0.1077134	0.21321433	2.7749711	21	—	—
251192 2006 UT_{105}	17.1	X	247.30592	164.08214	138.89898	3.66054	0.2095749	0.23250231	2.6192957	21	2 15.6	21.2
251193 2006 UO_{107}	17.1	X	235.61227	215.42033	105.78335	2.90974	0.2097140	0.23409578	2.6073960	21	2 28.3	21.4
251194 2006 UB_{118}	16.5	X	241.68131	70.93328	207.88238	4.00729	0.1510318	0.22832164	2.6511726	21	1 15.3	20.9
251195 2006 UH_{119}	16.9	X	56.06765	0.94217	188.89595	3.00181	0.0406171	0.24088986	2.5581365	21	5 19.7	20.0
251196 2006 UY_{122}	17.2	X	196.78345	162.76766	188.72880	2.89711	0.1492548	0.23243444	2.6198056	21	3 2.6	21.4
251197 2006 UR_{125}	16.3	X	186.55687	276.33040	21.50188	12.61434	0.2633637	0.22346635	2.6894365	21	—	—
251198 2006 UM_{128}	16.5	X	181.85536	89.07410	222.64191	8.75486	0.1917197	0.22313789	2.6920751	21	1 3.8	21.1
251199 2006 UT_{129}	16.7	X	217.95238	31.35478	260.75494	1.83803	0.2073732	0.22678675	2.6631212	21	1 11.1	21.2
251200 2006 UZ_{139}	15.8	X	30.85271	113.92158	28.31845	12.58123	0.1257748	0.22185250	2.7024634	21	2 15.7	19.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251201 2006 UT_{149}	16.5	X	147.72163	208.62659	149.43182	12.99827	0.1879121	0.22401934	2.6850088	21	1 27.6	20.6
251202 2006 UW_{154}	16.4	X	196.67670	306.38671	14.05571	4.18319	0.1186411	0.22634763	2.6665644	21	1 25.9	20.6
251203 2006 UT_{157}	16.6	X	253.29160	247.70865	46.54073	6.39736	0.2432588	0.23594307	2.5937686	21	2 10.3	21.1
251204 2006 UP_{164}	16.3	X	111.10275	352.66969	93.92494	2.79274	0.2130500	0.22888194	2.6468441	21	4 13.3	20.1
251205 2006 UX_{164}	16.0	X	125.52010	141.56310	176.52255	5.64133	0.0015757	0.21085877	2.7955994	21	—	—
251206 2006 UT_{174}	15.8	X	201.11870	133.17680	226.04747	13.60743	0.2841080	0.23246096	2.6196063	21	3 13.1	20.8
251207 2006 UY_{178}	16.5	X	162.44271	296.38576	101.19627	4.05023	0.1640527	0.23209827	2.6223346	21	3 30.5	20.6
251208 2006 UC_{179}	16.7	X	181.39684	222.95903	109.01059	4.91740	0.2303844	0.22718903	2.6599766	21	1 30.2	21.2
251209 2006 UR_{183}	16.2	X	121.61630	226.97290	176.56726	12.74819	0.1763912	0.22401988	2.6850044	21	2 22.5	20.1
251210 2006 UF_{184}	15.9	X	128.19336	51.52685	357.64638	11.99537	0.1655402	0.22695641	2.6617939	21	3 10.0	19.6
251211 2006 UU_{184}	15.9	X	135.59952	265.11342	129.53451	4.55317	0.1040789	0.22560582	2.6724065	21	2 20.2	19.6
251212 2006 UB_{185}	15.9	X	242.75270	302.01773	14.74362	12.50623	0.3038067	0.23428998	2.6059550	21	2 28.1	20.7
251213 2006 UD_{188}	16.1	X	164.91011	6.75965	333.33951	12.68545	0.1800213	0.22574613	2.6712990	21	1 24.9	20.4
251214 2006 UB_{189}	16.6	X	234.99371	104.63871	238.84351	11.98946	0.2148246	0.23978587	2.5659823	21	3 20.1	21.1
251215 2006 UA_{190}	15.9	X	78.26992	105.47146	270.23853	8.16231	0.0229446	0.21333128	2.7739568	21	—	—
251216 2006 UT_{190}	15.6	X	255.85054	10.41049	276.57509	11.48364	0.1117472	0.23141953	2.6274596	21	2 6.5	19.7
251217 2006 UJ_{192}	15.9	X	162.51512	136.41738	249.76159	12.19004	0.1125686	0.23009319	2.6375470	21	3 4.7	20.2
251218 2006 UV_{201}	16.1	X	112.58360	76.34469	346.42219	14.40778	0.0533172	0.23035253	2.6355670	21	2 21.3	19.6
251219 2006 US_{202}	15.9	X	262.22343	332.89714	300.06845	12.24973	0.1572926	0.23128305	2.6284931	21	1 26.6	19.9
251220 2006 UN_{203}	16.3	X	229.81507	42.23491	309.43834	11.69967	0.2080950	0.23884733	2.5726999	21	3 24.6	20.9
251221 2006 UM_{204}	15.0	X	287.08088	83.89233	300.01979	21.10787	0.0813509	0.17162700	3.2068524	21	7 28.2	19.3
251222 2006 UL_{209}	16.6	X	173.80038	200.14113	197.70586	5.40681	0.0995032	0.23378814	2.6096828	21	4 4.8	20.6
251223 2006 UA_{211}	17.4	X	248.26439	256.97749	359.81334	3.86943	0.1195768	0.28788105	2.2715763	21	—	—
251224 2006 UJ_{218}	16.6	X	231.94909	349.61191	2.37289	4.78927	0.0375753	0.23634088	2.5908573	21	4 10.9	20.2
251225 2006 UL_{220}	16.0	X	135.82889	188.35553	210.58493	13.87519	0.2441611	0.22506053	2.6767213	21	3 9.4	20.4
251226 2006 UL_{229}	15.6	X	211.28808	326.98433	62.77070	14.09762	0.1688029	0.23734873	2.5835177	21	5 4.5	19.9
251227 2006 UT_{234}	16.0	X	145.73632	176.99141	266.03856	13.30636	0.2411548	0.22861148	2.6489313	21	5 12.5	20.6
251228 2006 UH_{241}	15.7	X	242.20769	59.31846	294.70835	7.93480	0.2094935	0.24018485	2.5631399	21	4 8.8	20.0
251229 2006 UK_{269}	16.8	X	228.85686	107.43529	231.14896	2.59347	0.0954169	0.23328454	2.6134373	21	3 17.9	20.6
251230 2006 UO_{270}	16.4	X	73.12972	101.64459	221.35666	4.80381	0.0887159	0.20087409	2.8874874	21	12 9.7	20.6
251231 2006 UD_{271}	16.4	X	97.48422	99.35513	1.03769	4.68981	0.0278803	0.22932057	2.6434679	21	3 16.5	19.9
251232 2006 UD_{272}	16.5	X	134.37017	202.70132	226.83942	6.23798	0.2104534	0.22855278	2.6493848	21	4 13.4	20.7
251233 2006 UE_{273}	16.6	X	53.92253	184.41408	284.37005	4.66319	0.0170685	0.22167560	2.7039010	21	1 27.7	20.0
251234 2006 UR_{278}	16.9	X	306.71161	217.80799	23.58077	4.25662	0.1307381	0.23071893	2.6327759	21	2 9.9	20.4
251235 2006 UT_{281}	16.7	X	218.43832	151.61143	199.22743	1.79566	0.1435987	0.23394871	2.6084886	21	3 21.8	20.8
251236 2006 UN_{283}	16.6	X	124.59717	112.02043	270.71663	1.78998	0.1019647	0.22172527	2.7034972	21	1 22.6	20.3
251237 2006 UR_{285}	16.8	X	146.99798	94.35249	229.75906	5.28186	0.1430758	0.21645345	2.7472175	21	—	—
251238 2006 UC_{286}	16.3	X	203.87970	94.43661	212.50801	5.75707	0.0137261	0.22155734	2.7048631	21	1 11.9	20.1
251239 2006 UX_{289}	16.8	X	157.07678	344.48777	358.18475	5.53188	0.0933673	0.22161024	2.7044326	21	1 11.1	20.7
251240 2006 UM_{327}	16.4	X	97.83758	64.48093	323.24189	5.26806	0.0423367	0.21688049	2.7436101	21	—	—
251241 2006 UP_{329}	16.4	X	2.00052	181.51281	299.82584	7.00414	0.1687021	0.21225790	2.7833008	21	—	—
251242 2006 UE_{359}	16.5	X	187.03407	286.98690	14.38174	4.69539	0.0832554	0.21547293	2.7555454	21	—	—
251243 2006 VZ_{8}	16.5	X	185.18064	197.64538	187.47728	2.88532	0.1409398	0.23192885	2.6236115	21	4 2.5	20.6
251244 2006 VJ_{9}	16.8	X	222.08019	79.36056	238.08626	1.06567	0.0539839	0.22750901	2.6574819	21	2 15.0	20.4
251245 2006 VS_{14}	16.8	X	181.83323	270.72369	24.59605	5.28232	0.0286266	0.21477237	2.7615343	21	—	—
251246 2006 VR_{29}	16.9	X	174.27167	318.01797	52.01291	5.73152	0.2136259	0.22807471	2.6530858	21	3 11.5	21.3
251247 2006 VV_{30}	15.8	X	104.39083	46.68576	249.01528	13.96705	0.0977614	0.20004622	2.8954483	21	12 11.1	20.2
251248 2006 VN_{34}	15.8	X	232.07232	99.28961	245.55920	13.84458	0.1751061	0.23527127	2.5987038	21	3 20.3	20.3
251249 2006 VX_{40}	15.8	X	258.75518	23.47093	227.13687	6.73251	0.0602257	0.22026064	2.7154686	21	1 5.0	19.9
251250 2006 VQ_{43}	16.5	X	136.43551	256.26285	53.01419	6.44507	0.0975210	0.20976414	2.8053166	21	—	—
251251 2006 VU_{48}	16.2	X	196.34304	102.45950	254.79861	10.57107	0.0362321	0.22696835	2.6617005	21	3 2.4	20.2
251252 2006 VM_{49}	16.7	X	77.75342	125.55366	277.03922	3.75742	0.1142174	0.21299402	2.7768842	21	—	—
251253 2006 VG_{52}	16.4	X	85.22553	82.05199	324.89749	4.90030	0.0477292	0.21646618	2.7471097	21	—	—
251254 2006 VT_{86}	16.2	X	96.36001	327.90551	87.72960	6.17385	0.1597546	0.22001196	2.7175144	21	2 7.5	19.6
251255 2006 VF_{89}	17.0	X	107.03300	62.88893	13.23945	2.73994	0.1194697	0.22428398	2.6828963	21	3 12.3	20.5
251256 2006 VE_{90}	16.2	X	208.77578	13.95572	1.20793	6.50013	0.2050045	0.23590322	2.5940607	21	4 9.8	20.6
251257 2006 VT_{100}	15.9	X	160.59289	297.79848	61.90396	13.17078	0.1997402	0.22555038	2.6728444	21	2 17.9	20.4
251258 2006 VC_{107}	16.1	X	116.57372	99.26062	284.08217	4.91259	0.0570502	0.21789276	2.7351061	21	1 7.9	19.6
251259 2006 VO_{109}	16.4	X	212.71208	259.20176	131.98368	9.40583	0.1731623	0.23854138	2.5748992	21	5 8.3	20.7
251260 2006 VW_{112}	16.3	X	98.72814	78.21980	4.47396	4.32371	0.1269559	0.22309346	2.6924325	21	3 11.2	19.7
251261 2006 VG_{124}	16.7	X	117.06658	310.72201	341.74580	1.37381	0.0472338	0.20039956	2.8920439	21	12 17.2	20.9
251262 2006 VL_{143}	16.6	X	132.59691	107.39624	249.10769	2.83318	0.0840712	0.22014962	2.7163815	21	—	—
251263 2006 VG_{168}	16.6	X	158.21749	11.73485	338.09659	6.78775	0.1462495	0.22217029	2.6998858	21	1 26.5	20.6
251264 2006 WL	16.2	X	170.19642	6.84783	13.72703	5.91284	0.1114873	0.23027976	2.6361222	21	3 12.9	20.1
251265 2006 WE_{1}	15.4	X	255.82638	190.20489	310.48984	15.65331	0.1389672	0.19748030	2.9204752	21	11 1.4	19.9
251266 2006 WX_{11}	16.8	X	110.75726	269.09380	127.22039	2.82290	0.2361452	0.21975492	2.7196330	21	2 11.7	20.5
251267 2006 WW_{14}	16.0	X	196.23547	233.91397	142.04170	11.98885	0.1976608	0.23325696	2.6136432	21	4 5.8	20.5
251268 2006 WL_{15}	16.2	X	170.47461	185.98700	180.03375	5.89972	0.2747485	0.22641039	2.6660716	21	3 3.4	20.9
251269 2006 WV_{26}	16.8	X	170.48837	274.18651	98.03804	2.81626	0.1761305	0.22793741	2.6541511	21	3 7.4	21.0
251270 2006 WH_{32}	16.6	X	118.10555	201.68696	145.43046	4.26914	0.1026395	0.21301057	2.7767404	21	—	—
251271 2006 WX_{32}	15.5	X	230.81057	39.24034	283.74461	14.15280	0.2108321	0.23438642	2.6052401	21	2 19.3	20.2
251272 2006 WQ_{39}	16.4	X	102.80325	190.43689	132.71364	2.78909	0.0796480	0.20377275	2.8600392	21	—	—
251273 2006 WX_{39}	16.2	X	154.41649	94.53343	214.00010	9.41715	0.2290408	0.21354311	2.7721220	21	—	—
251274 2006 WY_{50}	15.7	X	176.34863	137.88341	249.16658	11.80731	0.1576168	0.22973399	2.6402956	21	3 23.3	20.2
251275 2006 WL_{53}	15.6	X	227.18055	259.04266	140.62132	13.91973	0.1660177	0.24146649	2.5540622	21	6 1.5	19.9
251276 2006 WN_{60}	15.9	X	169.14828	89.48533	260.83031	12.86520	0.1088188	0.22134825	2.7065662	21	1 29.4	20.2
251277 2006 WP_{61}	16.7	X	99.67217	146.89085	235.24643	3.96637	0.1699456	0.21631031	2.7484293	21	—	—
251278 2006 WX_{61}	16.5	X	138.55569	4.78488	74.67675	1.61742	0.1887262	0.23194687	2.6234757	21	4 29.1	20.5
251279 2006 WB_{66}	15.4	X	191.94195	315.41482	158.45810	19.70502	0.1478316	0.17679074	3.1441002	21	7 27.9	20.7
251280 2006 WD_{69}	16.3	X	74.05513	143.26448	208.22767	6.08085	0.0797784	0.20372761	2.8604616	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251281 2006 WF_{69}	16.6	X	216.57055	247.60559	111.59869	6.22192	0.2672219	0.23465763	2.6032323	21	3 30.9	21.3
251282 2006 WJ_{77}	16.7	X	106.29840	134.99679	244.37175	3.38975	0.0789458	0.21559413	2.7545126	21	—	—
251283 2006 WX_{87}	16.4	X	192.65368	137.88104	210.66094	7.92476	0.1474700	0.22745219	2.6579245	21	2 21.7	20.8
251284 2006 WL_{95}	16.4	X	184.81573	108.16369	222.19614	8.01480	0.1322827	0.22297441	2.6933907	21	1 24.0	20.8
251285 2006 WE_{96}	16.2	X	86.45970	271.29286	151.60008	5.92834	0.0420345	0.22181432	2.7027736	21	1 14.9	19.8
251286 2006 WE_{108}	15.9	X	167.84907	112.00462	270.97454	7.28062	0.2049702	0.22719287	2.6599466	21	3 14.6	20.5
251287 2006 WK_{116}	16.4	X	74.89664	76.67233	317.80154	5.44011	0.0526271	0.21263270	2.7800291	21	—	—
251288 2006 WL_{120}	16.6	X	209.40801	78.04868	260.27060	2.56521	0.2258346	0.23009582	2.6375269	21	2 25.8	21.1
251289 2006 WY_{124}	16.4	X	67.89607	146.91195	272.87093	3.84883	0.1109600	0.21520945	2.7577940	21	—	—
251290 2006 WF_{148}	16.4	X	212.85291	181.55359	205.73495	5.81075	0.2735504	0.23773246	2.5807369	21	4 27.9	20.9
251291 2006 WU_{153}	16.8	X	121.89799	208.27870	194.42874	2.99441	0.0754905	0.22547670	2.6734266	21	2 8.2	20.4
251292 2006 WD_{173}	16.3	X	176.21361	229.86841	87.38235	3.67176	0.0440414	0.21406822	2.7675868	21	—	—
251293 2006 WC_{188}	16.1	X	146.31424	101.31069	259.40793	5.25487	0.0267713	0.21716534	2.7412104	21	1 11.8	19.9
251294 2006 WG_{194}	16.1	X	35.96572	346.91242	93.64332	10.17052	0.2154374	0.20960561	2.8067309	21	—	—
251295 2006 XE_{7}	16.5	X	254.29220	150.18966	47.62256	2.76030	0.0103094	0.20438575	2.8543177	21	—	—
251296 2006 XF_{8}	15.5	X	184.92645	266.96959	82.20072	15.69440	0.2186833	0.22369357	2.6876149	21	2 27.8	20.4
251297 2006 XY_{22}	16.4	X	102.33305	214.55798	101.46388	3.30580	0.0615642	0.20016899	2.8942643	21	12 30.3	20.7
251298 2006 XY_{38}	15.1	X	263.94648	142.34623	288.20333	17.13484	0.0607183	0.17841241	3.1250190	21	8 23.4	19.8
251299 2006 XH_{41}	15.7	X	253.02183	179.40990	283.51681	7.96164	0.0975559	0.18336314	3.0685134	21	9 18.2	20.2
251300 2006 XK_{42}	16.4	X	30.85899	116.89958	281.46220	0.93743	0.0698458	0.20308487	2.8664938	21	—	—
251301 2006 XO_{42}	16.0	X	349.29000	254.24626	108.46658	6.13678	0.1239115	0.18393298	3.0621725	21	10 7.1	19.6
251302 2006 XZ_{50}	15.9	X	161.08341	281.19422	111.59725	13.59682	0.2742713	0.22475541	2.6791433	21	4 4.0	20.8
251303 2006 XY_{53}	16.6	X	151.82557	346.23463	84.78975	5.30924	0.2600421	0.23042436	2.6350192	21	5 6.7	21.0
251304 2006 XT_{54}	16.5	X	142.10188	339.49002	65.11266	9.91084	0.2911505	0.22636461	2.6664311	21	4 2.7	21.1
251305 2006 XD_{55}	16.3	X	134.64093	339.85683	87.25508	15.13401	0.2392877	0.22465265	2.6799602	21	4 21.9	20.8
251306 2006 XC_{59}	15.3	X	354.93468	9.04010	296.06085	6.49442	0.0470277	0.17307067	3.1889942	21	7 26.4	19.4
251307 2006 XD_{62}	15.5	X	284.18750	158.12290	272.68658	5.91438	0.0651938	0.18372233	3.0645126	21	9 23.6	19.7
251308 2006 XH_{64}	15.7	X	75.30492	104.74096	309.90505	11.90392	0.1870141	0.21273683	2.7791218	21	1 9.7	18.7
251309 2006 YQ_{6}	15.1	X	174.39261	200.50150	305.72097	9.97804	0.0558771	0.17462400	3.1700548	21	8 19.7	19.9
251310 2006 YQ_{9}	15.5	X	136.88201	337.15398	270.73321	8.86211	0.0524657	0.19168089	2.9790891	21	11 12.9	19.9
251311 2006 YS_{14}	15.6	X	166.92678	102.17737	350.09236	15.07829	0.1593211	0.23827508	2.5768173	21	6 6.8	20.0
251312 2006 YV_{14}	16.2	X	209.82414	15.81649	18.82711	13.75763	0.2701044	0.23694546	2.5864482	21	5 1.3	20.9
251313 2006 YY_{38}	16.3	X	104.00037	63.77431	312.31719	6.60196	0.2051022	0.20871718	2.8146901	21	1 6.9	19.8
251314 2006 YE_{52}	15.6	X	201.47813	265.52520	153.20159	15.54608	0.1757412	0.23778986	2.5803216	21	6 1.4	20.1
251315 2007 AO_{19}	16.0	X	20.35670	225.34516	223.14622	6.93603	0.3087332	0.20446617	2.8535692	21	—	—
251316 2007 AG_{23}	15.6	X	343.62606	129.98200	274.95891	6.35793	0.0435449	0.18829862	3.0146573	21	11 16.2	19.6
251317 2007 BV_{4}	15.3	X	357.79402	321.82822	57.21105	11.26182	0.1136856	0.19009357	2.9956502	21	11 10.1	18.9
251318 2007 BQ_{6}	15.4	X	81.42409	345.91980	280.34866	10.02935	0.0414503	0.18007376	3.1057686	21	9 26.1	20.0
251319 2007 BA_{19}	16.4	X	312.11106	300.86257	187.03610	1.65152	0.0753194	0.19705341	2.9246917	21	—	—
251320 2007 BR_{25}	16.3	X	21.36031	58.76809	320.03335	5.98425	0.1157067	0.19097735	2.9864012	21	12 14.6	20.1
251321 2007 BF_{38}	16.0	X	312.08157	295.92526	134.38493	3.48786	0.0719589	0.18656527	3.0333011	21	11 5.2	19.8
251322 2007 BG_{55}	15.9	X	183.11096	243.53236	112.72295	13.77248	0.1082534	0.21702958	2.7423534	21	2 28.1	20.2
251323 2007 BS_{68}	15.2	X	335.33695	225.56613	149.72973	23.92206	0.2131088	0.17882655	3.1201925	21	9 26.0	18.6
251324 2007 CZ_{16}	16.1	X	337.02562	173.36591	202.59210	3.70300	0.1314026	0.18025450	3.1036922	21	9 28.9	19.7
251325 Leopoldjosefine	15.6	X	349.21653	231.83113	163.71707	17.64866	0.1267683	0.18380540	3.0635892	21	11 19.9	19.6
251326 2007 CE_{41}	16.1	X	222.95802	296.91366	153.74900	6.69858	0.0703836	0.17002736	3.2269346	21	8 5.2	20.8
251327 2007 CJ_{44}	15.7	X	336.38864	84.45250	312.67696	17.65841	0.1339582	0.18521531	3.0480222	21	10 17.3	19.7
251328 2007 CM_{60}	16.0	X	176.10700	48.16425	87.03481	3.01340	0.1355831	0.16905670	3.2392748	21	8 10.3	21.2
251329 2007 DD_{25}	15.8	X	311.85251	55.46219	334.93293	4.75628	0.1484040	0.17452293	3.1712785	21	9 3.0	19.4
251330 2007 DD_{55}	15.3	X	222.64252	148.70193	333.08727	8.81242	0.0429925	0.17365560	3.1818292	21	9 14.3	19.9
251331 2007 DJ_{83}	15.5	X	285.19745	102.29580	301.23072	8.11401	0.0720444	0.17382713	3.1797356	21	8 20.4	19.9
251332 2007 DY_{87}	15.5	X	234.90025	62.28584	42.78019	2.89254	0.0341016	0.17212369	3.2006802	21	9 12.2	20.1
251333 2007 DY_{106}	15.4	X	297.51062	59.12469	351.84611	11.89269	0.1662175	0.17317689	3.1876901	21	9 6.2	19.3
251334 2007 EZ_{3}	15.5	X	306.79800	245.94280	180.72840	9.20082	0.1654228	0.17844916	3.1245900	21	10 12.5	19.3
251335 2007 EL_{4}	16.2	X	338.12729	226.29114	149.16514	10.34399	0.0985923	0.17850446	3.1239447	21	10 4.3	20.1
251336 2007 EU_{14}	15.8	X	334.13180	59.09155	330.87991	6.15194	0.1533621	0.18026732	3.1035450	21	10 9.7	19.4
251337 2007 EZ_{18}	15.7	X	348.54294	218.17806	131.14833	13.89281	0.1663524	0.17826575	3.1267328	21	9 18.2	19.3
251338 2007 EM_{181}	14.5	X	144.67125	344.07291	21.91741	12.32730	0.1155746	0.12662208	3.9276225	21	2 15.9	20.5
251339 2007 EC_{202}	15.3	X	311.94780	55.76339	12.50083	9.25076	0.0705097	0.18118553	3.0930508	21	10 29.1	19.4
251340 2007 HJ_{96}	17.6	X	133.31262	358.69284	231.41877	19.26625	0.0487528	0.37470845	1.9054917	21	11 15.7	19.4
251341 2007 OO_{9}	16.4	X	1.82399	129.54878	176.76196	23.05619	0.0633181	0.35204801	1.9864065	21	8 16.0	18.4
251342 2007 PF_{3}	16.2	X	273.60146	213.94367	82.30216	5.46289	0.1818696	0.26453199	2.4033513	21	3 3.9	19.8
251343 2007 PL_{29}	16.9	X	305.74037	183.11363	177.25508	23.45004	0.1684070	0.34972973	1.9951751	21	7 12.7	19.3
251344 2007 RW_{224}	15.7	X	74.09330	121.49709	347.42156	26.62952	0.1277397	0.17807321	3.1289862	21	3 13.9	19.8
251345 2007 RH_{302}	17.8	X	119.34942	108.29306	184.22072	4.10135	0.1356215	0.29221975	2.2490356	21	—	—
251346 2007 SJ	16.8	X	217.80826	175.13210	306.81487	8.19004	0.5332000	0.34417042	2.0166027	21	8 13.2	21.0
251347 2007 TY_{12}	17.5	X	112.42585	342.34900	34.88634	3.31142	0.1447220	0.30753730	2.1737229	21	—	—
251348 2007 TG_{22}	17.3	X	92.82515	192.65769	206.38067	5.85577	0.1202122	0.30536992	2.1839962	21	—	—
251349 2007 TM_{39}	17.3	X	80.51796	203.19756	53.30393	3.68289	0.1481896	0.27748028	2.3279910	21	10 14.5	20.3
251350 2007 TE_{46}	17.0	X	83.24407	331.56859	15.65716	7.23578	0.1572892	0.29648783	2.2273996	21	—	—
251351 2007 TN_{55}	17.1	X	73.27157	256.02810	11.20079	2.55383	0.0808236	0.27763834	2.3271074	21	10 9.5	20.0
251352 2007 TH_{62}	17.6	X	125.89559	142.64504	212.96433	0.96678	0.0576477	0.30630472	2.1795504	21	—	—
251353 2007 TJ_{114}	16.9	X	123.49756	320.64007	358.06223	6.85649	0.1687368	0.30155872	2.2023591	21	—	—
251354 2007 TY_{131}	17.3	X	186.07425	33.69579	197.47076	5.27183	0.0204081	0.29202909	2.2500145	21	—	—
251355 2007 TR_{141}	16.8	X	18.52911	59.07587	168.22252	2.65932	0.1504395	0.25796437	2.4439721	21	5 16.8	18.8
251356 2007 TM_{163}	17.6	X	142.02088	279.19894	35.95287	3.62466	0.2123617	0.30548724	2.1834370	21	—	—
251357 2007 TW_{168}	17.7	X	69.92617	85.27233	305.35964	3.65457	0.1635114	0.30112605	2.2044682	21	—	—
251358 2007 TM_{179}	17.0	X	127.65490	218.94029	95.22783	6.57838	0.2249315	0.30137560	2.2032511	21	—	—
251359 2007 TF_{212}	16.6	X	115.42184	335.84248	254.99006	6.31324	0.0764588	0.27834565	2.3231634	21	10 9.4	19.9
251360 2007 TJ_{261}	17.6	X	106.29791	82.27669	231.03542	3.58804	0.2096911	0.29663215	2.2266771	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251361 2007 TH_{309}	17.6	X	152.23765	231.79535	64.81744	3.25205	0.1693706	0.30368087	2.1920868	21	—	—
251362 2007 TU_{408}	17.5	X	97.31878	120.44483	263.39378	5.28213	0.2133010	0.30571720	2.1823419	21	—	—
251363 2007 TX_{418}	17.0	X	81.27104	43.57408	250.46158	5.79118	0.1220341	0.28505408	2.2865702	21	11 30.6	20.2
251364 2007 TE_{419}	17.3	X	4.34216	98.22020	163.62686	4.26427	0.0730114	0.26061179	2.4273925	21	6 10.9	19.9
251365 2007 TQ_{447}	17.8	X	163.16058	164.21059	148.29785	5.33849	0.2454055	0.31059155	2.1594491	21	—	—
251366 2007 TR_{451}	17.2	X	124.16027	281.11523	343.97084	4.79798	0.1091512	0.28696708	2.2763970	21	12 7.8	20.5
251367 2007 UZ_{35}	16.6	X	55.28985	261.26014	77.79792	5.19984	0.1096974	0.22043247	2.7140572	21	12 14.7	20.2
251368 2007 UO_{41}	18.0	X	134.93043	254.22321	41.39471	1.78339	0.1198345	0.29700840	2.2247962	21	—	—
251369 2007 UA_{47}	17.3	X	92.44591	249.92091	93.22597	3.95862	0.1894086	0.29759932	2.2218501	21	—	—
251370 2007 UF_{57}	17.6	X	132.61115	103.10750	237.72005	2.51522	0.2007480	0.30527741	2.1844374	21	—	—
251371 2007 UR_{86}	17.7	X	142.83257	174.67398	170.34836	1.37222	0.1690793	0.30736943	2.1745143	21	—	—
251372 2007 UY_{104}	17.0	X	337.57245	291.28530	101.64176	3.30128	0.1001710	0.27937295	2.3174648	21	11 13.8	19.1
251373 2007 VO_{9}	16.5	X	299.80615	246.51585	255.29917	7.38122	0.1046915	0.29177740	2.2513082	21	—	—
251374 2007 VC_{15}	17.5	X	15.57653	231.93433	163.73811	4.59500	0.1267616	0.28903315	2.2655359	21	—	—
251375 2007 VX_{54}	17.0	X	98.01653	153.39552	125.15986	3.42144	0.0812957	0.28233458	2.3012298	21	11 25.9	20.0
251376 2007 VK_{55}	17.8	X	103.90872	140.09845	183.50412	4.72182	0.1871904	0.29620089	2.2288379	21	—	—
251377 2007 VJ_{64}	17.6	X	346.21229	148.96580	257.88277	4.73357	0.1698671	0.28365398	2.2940883	21	12 28.6	19.5
251378 2007 VF_{74}	17.3	X	68.49439	58.77360	178.03700	1.17726	0.1380564	0.26926337	2.3751144	21	8 29.3	20.2
251379 2007 VZ_{79}	17.3	X	177.70027	190.86081	47.99539	3.53061	0.0997055	0.28792551	2.2713425	21	—	—
251380 2007 VK_{80}	15.9	X	320.66555	318.10549	244.50083	4.51115	0.2523675	0.23234790	2.6204561	21	—	—
251381 2007 VE_{87}	16.6	X	169.51265	331.38941	280.28187	6.06876	0.0996082	0.29214729	2.2494075	21	—	—
251382 2007 VB_{90}	17.3	X	53.41673	196.97863	199.74322	4.08996	0.1695063	0.29692378	2.2252188	21	—	—
251383 2007 VA_{96}	17.5	X	106.86912	296.44942	43.61201	5.63247	0.1946995	0.29983441	2.2107946	21	—	—
251384 2007 VJ_{138}	16.9	X	148.90847	21.62869	253.62115	6.50331	0.1427635	0.29596285	2.2300328	21	—	—
251385 2007 VJ_{163}	17.4	X	38.21462	253.95364	29.27221	3.16394	0.2021122	0.27228088	2.3575339	21	10 2.1	19.9
251386 2007 VG_{165}	17.6	X	40.51385	193.18963	211.31805	1.59107	0.1539989	0.29492263	2.2352734	21	—	—
251387 2007 VO_{174}	17.1	X	350.19865	291.11536	115.59075	6.53369	0.1536875	0.28513980	2.2861119	21	—	—
251388 2007 VS_{186}	16.0	X	313.41673	277.89806	348.99363	6.20769	0.1414105	0.25146246	2.4859207	21	3 16.7	19.2
251389 2007 VR_{193}	16.3	X	198.50431	159.50121	101.53686	6.03426	0.0720833	0.21560067	2.7544569	21	—	—
251390 2007 VY_{202}	16.7	X	129.61117	330.61533	331.83304	6.82010	0.1539364	0.30018602	2.2090679	21	—	—
251391 2007 VD_{209}	16.7	X	219.80327	36.52728	183.50524	6.33945	0.0815811	0.22752794	2.6573345	21	—	—
251392 2007 VQ_{267}	17.5	X	122.13402	324.32787	347.84226	2.43614	0.1611632	0.29713069	2.2241857	21	—	—
251393 2007 VJ_{330}	17.7	X	18.22260	353.75248	16.30352	2.77567	0.2301860	0.28215711	2.3021947	21	—	—
251394 2007 WA_{39}	17.1	X	158.99836	349.33561	343.00247	3.08611	0.2001717	0.30574165	2.1822256	21	—	—
251395 2007 WD_{44}	16.3	X	42.43310	324.96086	148.52794	4.82609	0.0551849	0.22420944	2.6834909	21	1 18.8	19.5
251396 2007 WG_{60}	17.0	X	106.44910	4.47487	255.29013	3.55164	0.0999209	0.27678985	2.3318607	21	11 10.2	20.3
251397 2007 XP_{22}	17.2	X	34.09621	321.34501	88.84312	8.12052	0.2007204	0.29197648	2.2502847	21	—	—
251398 2007 XB_{24}	17.1	X	127.07875	257.36348	103.72028	1.86780	0.2785943	0.30586443	2.1816416	21	1 5.6	19.5
251399 2007 XR_{33}	16.1	X	359.44207	286.69797	274.87001	10.89015	0.1245351	0.24003594	2.5641999	21	2 25.7	19.1
251400 2007 XM_{57}	17.2	X	321.64304	273.84842	149.85055	3.00340	0.1437502	0.28030028	2.3123506	21	12 1.1	19.2
251401 2007 YJ_{7}	17.7	X	342.56373	145.79603	223.89515	0.40233	0.2033490	0.27188899	2.3597988	21	10 21.7	19.3
251402 2007 YL_{22}	17.0	X	201.78459	305.92714	217.82156	1.73167	0.1231696	0.26971519	2.3724611	21	10 17.2	20.3
251403 2007 YA_{24}	15.7	X	264.83021	316.18309	293.54198	11.58175	0.1522821	0.22682440	2.6628265	21	1 3.6	19.9
251404 2007 YO_{31}	16.8	X	210.47497	124.04904	299.79201	1.25921	0.1588932	0.25460808	2.4654031	21	6 13.4	20.7
251405 2007 YT_{31}	17.7	X	298.98005	235.22719	218.28167	1.77379	0.1931915	0.27802754	2.3249351	21	11 24.2	19.2
251406 2007 YO_{63}	16.7	X	306.59383	283.64727	3.00432	3.28261	0.0782198	0.24050254	2.5608822	21	4 14.3	20.0
251407 2008 AH_{3}	15.5	X	269.02454	211.66634	330.31982	12.34820	0.0652467	0.21161348	2.7889486	21	—	—
251408 2008 AU_{3}	16.9	X	295.48476	74.30318	336.01287	5.69403	0.1052144	0.26906108	2.3763047	21	9 19.1	19.4
251409 2008 AF_{6}	16.8	X	69.65205	355.01080	249.29768	5.88611	0.1338625	0.26647057	2.3916808	21	9 6.4	19.9
251410 2008 AS_{10}	17.3	X	179.75415	182.30293	178.02859	2.04446	0.0788814	0.23299983	2.6155658	21	2 21.8	21.1
251411 2008 AJ_{18}	16.8	X	136.23076	104.87068	317.94693	9.05504	0.1265579	0.23628109	2.5912943	21	3 24.9	20.7
251412 2008 AB_{29}	15.8	X	28.16241	239.86512	269.03078	9.82531	0.2113361	0.22868413	2.6483702	21	2 5.5	18.2
251413 2008 AA_{30}	16.6	X	285.68051	293.33504	61.17055	2.88856	0.2276410	0.25702805	2.4499038	21	5 25.2	20.0
251414 2008 AV_{38}	15.4	X	90.54666	283.11615	290.20408	8.32161	0.0632391	0.17948207	3.1125907	21	8 8.4	19.8
251415 2008 AT_{43}	16.5	X	279.43439	343.54123	314.29514	2.20959	0.0625687	0.23565161	2.5959069	21	3 26.8	20.2
251416 2008 AN_{50}	16.6	X	336.09864	293.35596	309.14399	7.27822	0.0316377	0.23996018	2.5647395	21	3 30.5	20.0
251417 2008 AX_{60}	15.9	X	185.91946	17.16845	289.11924	9.88438	0.1402096	0.22147453	2.7055373	21	—	—
251418 2008 AP_{65}	16.2	X	83.02390	133.75039	310.27552	4.74891	0.0284654	0.22792494	2.6542479	21	2 3.9	19.7
251419 2008 AY_{74}	17.4	X	292.47960	237.74598	148.60507	0.36094	0.2224082	0.26417261	2.4055304	21	7 20.5	20.0
251420 2008 AQ_{79}	15.7	X	109.68157	159.67963	140.87600	11.39075	0.0890921	0.20229986	2.8739045	21	12 22.7	20.2
251421 2008 AR_{81}	16.5	X	221.03910	33.34364	279.42655	11.40181	0.1298885	0.23144047	2.6273011	21	2 3.7	20.8
251422 2008 AE_{86}	16.8	X	214.51699	315.91734	73.93990	2.10130	0.1058102	0.24577070	2.5241547	21	5 7.2	20.4
251423 2008 AP_{96}	15.8	X	105.08655	313.76286	348.01617	7.61442	0.1358134	0.20302662	2.8670421	21	12 22.4	20.4
251424 2008 AH_{110}	15.2	X	24.99792	351.31837	292.46715	8.32438	0.1090011	0.18082297	3.0971839	21	8 14.8	19.0
251425 2008 AZ_{113}	15.5	X	34.36762	316.74168	328.15335	7.67499	0.1347379	0.17988124	3.1079842	21	9 4.4	19.3
251426 2008 AM_{128}	16.6	X	128.78218	195.03631	164.80183	6.60493	0.0347249	0.22081623	2.7109118	21	—	—
251427 2008 BH_{15}	16.8	X	213.33747	324.38469	112.38201	3.22583	0.1615644	0.25594557	2.4568066	21	7 3.0	20.7
251428 2008 BD_{16}	17.3	X	37.10043	247.12419	146.77459	3.77428	0.2896759	0.28808719	2.2704925	21	—	—
251429 2008 BV_{21}	15.7	X	100.20441	48.09665	150.82962	11.08948	0.1634795	0.17403775	3.1771696	21	8 15.5	20.4
251430 2008 BV_{32}	15.1	X	53.69492	294.11459	332.69142	8.94331	0.0592718	0.17929876	3.1147117	21	8 29.9	19.3
251431 2008 BY_{32}	16.3	X	215.37470	345.15019	154.03999	9.33658	0.0687106	0.18833678	3.0142502	21	9 30.1	20.8
251432 2008 BG_{35}	15.7	X	68.03500	116.86634	161.16303	3.72688	0.0917619	0.18401387	3.0612750	21	10 8.3	19.9
251433 2008 BK_{36}	16.1	X	224.05358	132.07917	154.63507	5.54336	0.0411473	0.21792341	2.7348497	21	1 12.2	20.1
251434 2008 BL_{48}	16.3	X	349.67241	141.88745	357.72855	8.96216	0.0295678	0.21825044	2.7321170	21	—	—
251435 2008 BO_{48}	17.2	X	241.06321	242.02445	158.77263	4.61997	0.2601193	0.25305450	2.4754834	21	6 6.1	21.2
251436 2008 CL_{8}	16.8	X	139.61536	76.51927	319.52668	4.64445	0.0766821	0.22648279	2.6655034	21	2 21.7	20.5
251437 2008 CJ_{18}	16.3	X	207.26001	103.03928	144.34739	4.41624	0.0776977	0.20584398	2.8408215	21	—	—
251438 2008 CE_{21}	15.9	X	91.10636	90.54384	355.04008	21.98044	0.0328935	0.22653481	2.6650954	21	2 24.3	19.6
251439 2008 CE_{33}	16.8	X	163.52732	249.38080	124.07367	5.71112	0.1250797	0.22857323	2.6492268	21	2 26.7	20.7
251440 2008 CR_{41}	17.0	X	136.86710	85.78362	322.26166	6.86659	0.1985630	0.23097598	2.6308222	21	3 17.3	21.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251441 2008 CK_{42}	16.6	X	157.18186	59.80503	184.39825	8.11933	0.0347698	0.19663274	2.9288614	21	12 3.8	20.9
251442 2008 CW_{45}	15.7	X	102.93030	46.61029	162.71678	17.49095	0.0600155	0.18008383	3.1056528	21	8 18.5	20.2
251443 2008 CY_{47}	16.4	X	203.04843	287.30497	183.27716	7.58761	0.1858045	0.25694825	2.4504110	21	8 3.1	20.5
251444 2008 CN_{60}	17.0	X	285.86303	253.85922	148.66172	12.70013	0.1835738	0.26330500	2.4108118	21	8 9.1	19.8
251445 2008 CK_{68}	16.1	X	331.58949	251.99043	276.19732	8.69962	0.1074936	0.22010809	2.7167231	21	—	—
251446 2008 CO_{78}	16.9	X	60.48917	120.40463	43.63924	3.49261	0.0676003	0.24120248	2.5559256	21	4 23.0	19.9
251447 2008 CF_{91}	16.3	X	19.24220	309.57997	147.59443	19.68272	0.1992163	0.21730129	2.7400670	21	—	—
251448 2008 CC_{112}	16.3	X	106.53198	256.11355	118.04327	6.70657	0.0584773	0.21700064	2.7425973	21	—	—
251449 Olexakorol′	15.8	X	316.76127	7.97821	152.29284	8.67555	0.1144480	0.21372629	2.7705379	21	—	—
251450 2008 CD_{120}	16.1	X	68.82663	289.39574	320.66274	4.22149	0.0284964	0.18213759	3.0822628	21	8 24.2	20.2
251451 2008 CR_{125}	16.4	X	58.66559	103.54600	316.94024	4.43633	0.0282291	0.21645050	2.7472424	21	—	—
251452 2008 CW_{132}	16.6	X	331.79528	46.70182	161.08333	2.31396	0.0251205	0.22570084	2.6716564	21	2 13.7	20.2
251453 2008 CA_{139}	16.4	X	104.39003	249.03381	102.60772	3.11763	0.1284843	0.20824085	2.8189806	21	—	—
251454 2008 CB_{140}	16.6	X	169.68625	210.32775	165.01005	6.15677	0.1161222	0.22738740	2.6584294	21	3 5.3	20.7
251455 2008 CM_{141}	15.3	X	57.43490	339.40996	302.70624	4.04093	0.1467749	0.18054729	3.1003358	21	10 4.5	19.5
251456 2008 CS_{143}	16.4	X	313.91235	211.06830	359.14492	4.79666	0.0507765	0.21969601	2.7201192	21	1 23.8	20.1
251457 2008 CT_{152}	16.2	X	51.03712	284.08847	168.05347	15.17948	0.0494557	0.22115912	2.7081091	21	1 3.9	20.0
251458 2008 CK_{180}	16.5	X	130.64652	220.15944	206.48998	11.30237	0.1727355	0.23567120	2.5957630	21	4 1.2	20.3
251459 2008 CX_{180}	15.5	X	164.81800	250.08149	305.02015	9.60840	0.0791052	0.18806139	3.0171920	21	10 6.3	20.3
251460 2008 CV_{193}	15.4	X	38.38254	90.85473	165.31989	17.58276	0.0727570	0.17224207	3.1992136	21	7 25.8	19.8
251461 2008 CZ_{193}	15.4	X	11.14142	131.50193	166.26787	22.79940	0.1815406	0.17565853	3.1575959	21	8 16.4	19.0
251462 2008 CC_{195}	15.5	X	48.32338	314.05391	356.13758	21.15400	0.2801220	0.18247344	3.0784796	21	11 9.3	20.2
251463 2008 CW_{195}	15.6	X	84.34507	154.66237	152.99603	10.00890	0.0725469	0.19204836	2.9752878	21	12 2.1	20.1
251464 2008 CC_{196}	15.5	X	82.16403	257.06214	337.16844	15.63178	0.1109852	0.17942344	3.1132686	21	9 1.6	20.0
251465 2008 CP_{198}	17.1	X	174.13424	91.31462	349.55188	11.13963	0.1620851	0.24454196	2.5326030	21	5 29.5	21.4
251466 2008 CV_{206}	16.0	X	89.71027	356.30105	306.54642	0.85609	0.0887636	0.18993318	2.9973364	21	12 1.7	20.5
251467 2008 CF_{213}	15.4	X	262.51624	248.58974	204.80411	9.34437	0.0503800	0.18764850	3.0216163	21	9 28.3	19.6
251468 2008 DH_{10}	16.1	X	32.57159	169.06196	346.45971	12.26555	0.0932399	0.22862482	2.6488282	21	3 1.6	19.0
251469 2008 DT_{13}	16.2	X	58.55032	129.37560	172.41380	11.24879	0.0495489	0.18960144	3.0008316	21	10 22.0	20.4
251470 2008 DR_{18}	15.8	X	326.19045	8.73701	179.95965	17.51208	0.2185667	0.21556590	2.7547530	21	—	—
251471 2008 DW_{23}	16.6	X	33.52204	316.84638	124.49163	1.28289	0.0451821	0.21325892	2.7745843	21	—	—
251472 2008 DB_{27}	16.1	X	131.33937	59.75975	296.94930	4.47269	0.0527171	0.21374511	2.7703752	21	—	—
251473 2008 DT_{30}	16.8	X	218.87408	304.19151	333.55797	3.15155	0.0586451	0.22053315	2.7132312	21	—	—
251474 2008 DW_{30}	17.3	X	267.04628	24.87941	354.50558	1.75194	0.2165161	0.25683837	2.4511098	21	6 7.2	20.7
251475 2008 DV_{32}	16.2	X	199.39209	151.21711	132.58364	5.22234	0.0342643	0.21156760	2.7893517	21	—	—
251476 2008 DX_{32}	15.5	X	107.92081	113.46255	158.04174	15.02899	0.0966687	0.18902186	3.0069627	21	11 18.1	20.3
251477 2008 DZ_{52}	15.2	X	46.76754	127.94193	183.06603	21.66402	0.0558505	0.18410634	3.0602499	21	10 18.2	19.4
251478 2008 DB_{55}	16.2	X	59.62332	20.04915	325.17327	1.01915	0.0538540	0.19622714	2.9328961	21	12 15.0	20.2
251479 2008 DG_{57}	15.1	X	46.49036	32.71044	177.90918	18.35700	0.1048116	0.16859321	3.2452089	21	6 14.5	19.7
251480 2008 DT_{57}	15.3	X	251.33068	154.48320	269.31909	9.78784	0.0228428	0.17843105	3.1248014	21	8 8.7	19.8
251481 2008 DC_{59}	16.5	X	185.60175	343.55011	288.66734	2.95685	0.0649625	0.21203868	2.7852188	21	—	—
251482 2008 DF_{76}	16.1	X	113.07304	296.46390	353.75522	5.31904	0.0399627	0.19662300	2.9289581	21	12 8.2	20.4
251483 2008 DR_{80}	16.3	X	342.89136	92.31365	55.12866	4.47796	0.0392785	0.21235972	2.7824110	21	—	—
251484 2008 DC_{84}	16.6	X	109.71995	302.26973	108.47351	3.81138	0.0637204	0.21905915	2.7253887	21	2 3.9	20.3
251485 2008 ED_{7}	16.6	X	203.70823	172.70264	151.77559	6.20855	0.0426840	0.22232664	2.6986199	21	2 3.8	20.6
251486 2008 EG_{7}	16.0	X	241.49408	330.44370	275.99229	4.60611	0.0642630	0.21418818	2.7665533	21	—	—
251487 2008 EY_{7}	15.2	X	213.89751	182.37803	342.32557	14.98945	0.0868915	0.19032922	2.9931770	21	10 19.3	19.9
251488 2008 EZ_{14}	16.0	X	336.38484	242.26183	178.12155	9.50087	0.0625463	0.19302093	2.9652851	21	11 29.4	19.9
251489 2008 EA_{27}	15.7	X	35.87265	218.53596	120.56363	11.32629	0.1126377	0.19106787	2.9854578	21	11 18.6	19.8
251490 2008 EU_{35}	16.3	X	21.27553	358.53816	100.27635	3.26149	0.0502056	0.21216930	2.7840756	21	—	—
251491 2008 EZ_{35}	15.9	X	207.84416	307.06685	199.68821	9.31282	0.0244553	0.18739362	3.0243556	21	10 2.1	20.3
251492 2008 ET_{36}	15.7	X	215.80769	27.99904	342.13898	6.67587	0.2098675	0.23509193	2.6000253	21	4 8.3	20.1
251493 2008 EG_{42}	15.6	X	139.50328	129.33920	74.10526	11.04185	0.0095533	0.18239152	3.0794013	21	9 26.8	20.1
251494 2008 EU_{49}	16.4	X	292.11615	206.11697	341.19938	8.60718	0.0849886	0.20936289	2.8088998	21	—	—
251495 2008 ED_{71}	15.8	X	29.84849	180.22419	130.85305	6.44182	0.1552626	0.18188425	3.0851242	21	10 8.8	19.6
251496 2008 EG_{79}	16.4	X	44.13410	307.97184	192.37514	12.56130	0.1284429	0.22669918	2.6638070	21	2 26.4	19.4
251497 2008 EK_{97}	16.0	X	133.70641	13.71863	348.67656	5.17339	0.0393655	0.21427707	2.7657882	21	1 2.2	19.8
251498 2008 EQ_{108}	16.3	X	35.41737	187.40435	169.30254	2.03706	0.0920116	0.19865754	2.9089260	21	12 5.1	20.1
251499 2008 EC_{109}	17.1	X	244.00182	236.41444	157.33707	4.80841	0.2426631	0.25338403	2.4733366	21	6 1.3	21.1
251500 2008 EA_{116}	17.3	X	170.52156	263.38073	177.16992	8.46323	0.1378022	0.23999293	2.5645061	21	5 28.9	21.4
251501 2008 EU_{125}	15.9	X	27.08395	98.04515	216.75284	4.79484	0.0028234	0.18041920	3.1018030	21	9 17.2	20.2
251502 2008 EU_{128}	16.0	X	133.41656	319.04349	36.26017	6.39810	0.0651623	0.21219382	2.7838611	21	—	—
251503 2008 EC_{129}	15.6	X	72.61541	124.48843	146.01049	8.75784	0.0223602	0.18165296	3.0877424	21	9 25.7	19.9
251504 2008 EC_{146}	16.1	X	343.87295	322.08708	185.20590	5.75955	0.0224547	0.21230451	2.7828934	21	—	—
251505 2008 EQ_{151}	15.6	X	10.76330	137.60411	179.63576	9.82320	0.1434769	0.17696365	3.1420518	21	9 9.3	19.3
251506 2008 FB_{2}	15.5	X	20.84960	88.87034	182.09478	7.92328	0.1336452	0.17053427	3.2205368	21	7 24.1	19.6
251507 2008 FJ_{3}	16.3	X	203.36195	234.39334	41.87916	3.94116	0.0406330	0.21093458	2.7949295	21	—	—
251508 2008 FD_{8}	16.5	X	157.22940	18.83966	20.05737	2.88538	0.0741891	0.22858861	2.6491080	21	3 18.4	20.1
251509 2008 FY_{13}	15.3	X	79.84289	280.56521	357.62766	16.73858	0.1036851	0.18241893	3.0790928	21	10 17.5	19.9
251510 2008 FZ_{32}	16.6	X	52.25100	131.53760	248.82036	0.99920	0.0829487	0.20327963	2.8646625	21	—	—
251511 2008 FQ_{41}	16.3	X	152.14843	79.87576	188.89632	7.69716	0.0208408	0.19870705	2.9084428	21	12 26.9	20.6
251512 2008 FK_{58}	15.2	X	101.24173	294.58785	195.12805	14.25546	0.0744144	0.15436053	3.4417439	21	5 13.5	20.2
251513 2008 FY_{61}	15.7	X	182.63203	278.57068	183.39784	10.85848	0.0534257	0.17287918	3.1913486	21	7 5.7	20.6
251514 2008 FH_{68}	15.4	X	75.34938	69.80204	204.73058	13.27247	0.0372746	0.17593031	3.1543432	21	10 2.0	20.0
251515 2008 FJ_{78}	15.2	X	335.88988	133.75091	196.16140	17.66345	0.0911138	0.17064918	3.2190909	21	7 25.0	19.6
251516 2008 FJ_{81}	15.8	X	342.77606	43.10210	21.04429	12.08583	0.0403071	0.19453156	2.9499139	21	12 9.2	19.9
251517 2008 FZ_{117}	15.5	X	308.84865	164.51257	213.27334	11.20646	0.0665089	0.17140027	3.2096799	21	8 18.5	20.0
251518 2008 FW_{118}	15.2	X	314.71138	127.45660	153.76333	6.64082	0.1001228	0.15622837	3.4142563	21	4 27.2	19.8
251519 2008 FY_{123}	15.5	X	98.29167	37.95493	188.52009	27.67369	0.1512531	0.17186587	3.2038803	21	9 13.3	20.4
251520 2008 FB_{131}	16.0	X	123.61992	356.51571	37.39759	7.71804	0.1933901	0.22029660	2.7151731	21	2 20.9	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251521 2008 GO_3	15.4	X	160.87340	112.74145	5.73957	10.97284	0.0579253	0.16977871	3.2300847	21	7 4.5	20.4
251522 2008 GZ_{33}	15.7	X	81.01851	126.22895	192.48518	8.45628	0.0848388	0.19021787	2.9943450	21	12 11.3	20.2
251523 2008 GA_{49}	16.6	X	171.09301	140.53735	196.70747	5.86327	0.0191345	0.21658515	2.7461037	21	1 11.5	20.5
251524 2008 GU_{50}	15.7	X	26.68996	169.30714	182.66160	9.95749	0.1188469	0.18531564	3.0469219	21	11 19.8	19.7
251525 2008 GX_{60}	16.4	X	44.92682	314.06176	165.82852	4.99074	0.0951304	0.21855215	2.7296020	21	2 2.1	19.6
251526 2008 GX_{98}	16.0	X	343.69714	324.47191	146.45020	2.69176	0.0211335	0.20292188	2.8680285	21	—	—
251527 2008 GV_{137}	15.9	X	331.45002	258.60959	142.43494	5.60102	0.0287413	0.18356921	3.0662165	21	10 28.6	20.1
251528 2008 GU_{141}	13.5	X	287.43044	155.71217	201.26360	8.13318	0.0413572	0.08195542	5.2490930	21	6 30.7	20.5
251529 2008 HR_1	15.7	X	276.59443	291.35031	170.08716	9.94399	0.0510472	0.18209105	3.0827880	21	10 29.4	20.0
251530 2008 HT_{16}	16.1	X	225.24349	265.86094	209.25537	10.14476	0.1235273	0.17799405	3.1299139	21	8 30.6	21.1
251531 2008 HA_{28}	16.1	X	111.62197	292.96021	8.68768	5.10324	0.0666372	0.19110829	2.9850369	21	12 21.8	20.7
251532 2008 HE_{30}	16.4	X	8.78261	152.48420	310.69876	1.12218	0.0259862	0.20546774	2.8442884	21	—	—
251533 2008 JQ_{17}	15.4	X	183.56297	357.08792	146.71838	10.71993	0.0365169	0.17077923	3.2174565	21	8 29.9	20.1
251534 2008 KK_4	13.4	X	139.73914	328.31058	165.50008	12.15519	0.0194014	0.08077903	5.2999319	21	6 25.9	20.5
251535 2008 KK_8	13.7	X	354.11377	143.79596	148.02237	4.60796	0.0582421	0.08311844	5.2000133	21	7 7.3	20.3
251536 2008 SK_{257}	13.0	X	347.46242	20.73754	38.00180	10.79270	0.0584336	0.08084017	5.2972595	21	11 18.3	19.7
251537 2008 UE_5	16.9	X	12.87252	326.60781	259.51695	18.98989	0.0408650	0.35516785	1.9747568	21	4 14.3	19.3
251538 2008 WZ_{128}	17.1	X	316.84596	305.21555	31.58847	19.77358	0.0208078	0.34886780	1.9984600	21	7 28.9	19.7
251539 2008 XQ_{43}	17.0	X	258.10617	158.41256	303.41469	17.50285	0.0734235	0.36525521	1.9382291	21	10 15.5	19.4
251540 2008 YF_1	15.3	X	118.31664	295.23781	93.09283	7.03074	0.1578193	0.17302938	3.1895016	21	2 9.3	20.0
251541 2008 YG_{172}	16.1	X	125.57696	239.39256	31.95205	15.04442	0.2828359	0.20126909	2.8837083	21	12 7.8	21.5
251542 2009 AB_{47}	17.1	X	169.13994	291.93799	317.21960	5.35527	0.1002643	0.29092649	2.2556958	21	—	—
251543 2009 BM_{62}	17.3	X	250.16362	177.52262	319.07737	20.33932	0.0892933	0.37417935	1.9072876	21	12 8.7	19.5
251544 2009 BA_{70}	17.2	X	137.36712	291.14433	311.25139	19.44519	0.0662207	0.37221943	1.9139769	21	12 8.0	19.9
251545 2009 BK_{97}	17.5	X	44.25762	290.66846	337.25991	2.13808	0.1642660	0.27031678	2.3689399	21	9 11.5	20.1
251546 2009 BR_{147}	17.4	X	141.00803	279.79429	307.09505	3.76518	0.1551139	0.28253749	2.3001279	21	11 5.1	20.9
251547 2009 BA_{150}	17.3	X	99.90420	141.48632	156.66167	5.45103	0.0817658	0.29128075	2.2538665	21	12 24.5	20.4
251548 2009 BO_{177}	17.6	X	186.79601	27.94934	280.81770	2.72885	0.1251317	0.31146238	2.1554220	21	—	—
251549 2009 CE_{23}	17.2	X	185.92319	331.14237	266.50365	2.85061	0.1136840	0.29855359	2.2171131	21	—	—
251550 2009 CP_{30}	17.2	X	65.18283	279.01549	11.40600	4.80232	0.1619832	0.28061243	2.3106355	21	11 10.4	20.4
251551 2009 CJ_{31}	17.3	X	134.60372	285.99145	15.95657	4.46966	0.1724498	0.29771263	2.2212863	21	—	—
251552 2009 CO_{44}	17.1	X	165.22326	242.65555	3.03190	7.32481	0.0624376	0.29099654	2.2553338	21	12 31.4	20.2
251553 2009 CC_{50}	16.9	X	177.25505	273.52521	316.07347	6.91547	0.0837587	0.29598016	2.2299459	21	12 23.0	19.8
251554 2009 CX_{58}	16.6	X	188.86438	254.03424	356.56409	7.08724	0.1845277	0.21274673	2.7790357	21	—	—
251555 2009 CF_{64}	17.2	X	161.33302	234.44143	73.89493	4.67433	0.2036354	0.30430721	2.1890779	21	—	—
251556 2009 DY_{14}	17.4	X	87.83748	205.65349	19.18678	7.11797	0.1369066	0.27056493	2.3674912	21	9 9.6	20.6
251557 2009 DJ_{15}	17.2	X	135.53340	129.09006	145.54624	9.79198	0.1732534	0.29386813	2.2406175	21	—	—
251558 2009 DD_{18}	16.8	X	224.22890	229.72268	337.93734	7.53851	0.1362698	0.29710357	2.2243210	21	—	—
251559 2009 DV_{45}	17.0	X	352.76633	290.35376	271.51309	2.72443	0.1618102	0.24560044	2.5253212	21	2 13.4	19.8
251560 2009 DY_{60}	16.8	X	230.04087	203.42468	82.24315	4.95748	0.1791251	0.23160295	2.6260722	21	1 13.4	21.2
251561 2009 DV_{63}	16.5	X	7.18880	199.31913	114.78970	7.53000	0.1439046	0.26984413	2.3717053	21	9 14.7	18.7
251562 2009 DQ_{71}	16.6	X	347.18827	100.94238	166.92896	6.42214	0.0917387	0.25654554	2.4529747	21	5 21.0	19.3
251563 2009 DN_{91}	16.9	X	358.15068	127.63541	161.17488	6.24945	0.1314310	0.26170935	2.4206011	21	7 9.9	19.2
251564 2009 DP_{120}	16.4	X	164.06123	103.42610	169.04950	12.03078	0.2095482	0.21341018	2.7732731	21	—	—
251565 2009 DQ_{130}	17.2	X	351.05189	337.52655	338.35523	3.02748	0.1354326	0.26502510	2.4003692	21	8 9.6	19.2
251566 2009 DL_{141}	16.8	X	189.39395	351.98077	278.55001	2.81549	0.0700138	0.21536171	2.7564940	21	—	—
251567 2009 DQ_{141}	17.5	X	40.36484	132.95973	179.58734	1.44464	0.1622629	0.27458504	2.3443267	21	11 9.3	20.2
251568 2009 EL_{15}	17.3	X	154.19248	308.04906	14.54766	3.05070	0.2940303	0.30522535	2.1846858	21	—	—
251569 2009 EB_{18}	17.8	X	94.25843	80.80230	203.75111	2.24540	0.1756492	0.28274102	2.2990240	21	12 6.4	21.2
251570 2009 ES_{22}	17.2	X	16.19228	254.97690	24.19091	1.66034	0.1725727	0.26246835	2.4159323	21	8 7.5	19.1
251571 2009 ES_{26}	16.7	X	358.34412	52.97402	154.02229	4.32841	0.0639220	0.24031987	2.5621798	21	3 16.3	19.8
251572 2009 FN_1	16.8	X	52.25636	253.29522	11.28075	6.21331	0.1259491	0.26825925	2.3810375	21	9 14.1	19.4
251573 2009 FA_8	17.1	X	358.68131	202.05120	137.39814	6.94217	0.1259500	0.27328155	2.3517754	21	10 5.8	19.3
251574 2009 FN_{18}	17.7	X	148.10622	291.67696	317.19655	3.56678	0.1473543	0.28514860	2.2860649	21	12 10.9	21.3
251575 2009 FE_{25}	17.1	X	14.70846	270.45763	8.91714	5.02045	0.0935999	0.26369755	2.4084186	21	7 29.2	19.6
251576 2009 FB_{27}	15.7	X	16.72252	54.78667	140.08889	16.86968	0.1561116	0.17269337	3.1936375	21	4 12.8	19.6
251577 2009 FQ_{44}	16.1	X	288.13985	251.33497	347.40031	12.82562	0.1578016	0.23389582	2.6088819	21	1 14.1	20.2
251578 2009 FX_{45}	16.2	X	343.79024	187.58267	31.57080	4.57865	0.1225796	0.23925287	2.5697918	21	3 4.7	19.2
251579 2009 FZ_{47}	15.1	X	48.68899	232.22212	39.44812	14.01029	0.2345233	0.18322657	3.0700380	21	9 30.8	19.2
251580 2009 FC_{50}	15.9	X	311.04222	46.71182	158.89227	15.06392	0.0843407	0.23120281	2.6291012	21	1 5.3	19.8
251581 2009 FJ_{61}	14.9	X	32.36826	151.41542	94.92751	33.13441	0.2896528	0.17746438	3.1361387	21	8 5.0	18.7
251582 2009 FL_{68}	16.2	X	356.99973	12.13935	156.07899	9.08377	0.1271912	0.23552587	2.5968307	21	1 12.7	19.3
251583 2009 FZ_{68}	16.1	X	85.80823	75.68432	207.37250	4.59859	0.2276191	0.19295228	2.9659884	21	11 19.6	20.8
251584 2009 FP_{70}	17.9	X	139.64158	18.63211	334.87293	1.80543	0.0621239	0.30521811	2.1847203	21	—	—
251585 2009 FM_{71}	15.3	X	20.06959	222.64823	103.26206	10.43401	0.2336845	0.18239445	3.0793683	21	10 25.8	19.0
251586 2009 FC_{75}	16.3	X	248.12715	345.37274	234.98752	4.89451	0.1714521	0.22242470	2.6978266	21	—	—
251587 2009 FU_{75}	17.3	X	80.61880	230.24864	36.56954	1.57435	0.1607656	0.27194450	2.3594776	21	10 27.9	20.5
251588 2009 FE_{76}	16.1	X	52.57676	113.89377	131.08718	6.31707	0.1612942	0.17697101	3.1419646	21	8 15.7	20.0
251589 2009 HW_1	16.3	X	294.32995	89.95165	172.23921	4.59317	0.1241998	0.23758726	2.5817882	21	2 18.6	19.8
251590 2009 HT_6	16.5	X	27.16970	47.07616	136.58772	5.75723	0.1797544	0.24386258	2.5373046	21	4 1.2	18.7
251591 2009 HQ_{10}	17.8	X	256.30601	130.64781	40.38000	3.64674	0.0769049	0.29314251	2.2443135	21	—	—
251592 2009 HK_{12}	16.6	X	250.12173	191.40036	75.61289	3.24705	0.1666649	0.22574186	2.6713327	21	1 9.8	20.8
251593 2009 HC_{25}	17.1	X	96.26960	297.74757	222.43290	5.38532	0.0903392	0.25170220	2.4843420	21	6 12.1	20.3
251594 2009 HY_{26}	17.3	X	117.25826	316.72446	268.65425	0.58390	0.1447883	0.27112453	2.3642324	21	10 10.9	20.9
251595 Rudolfböttger	17.1	X	113.76806	204.72404	136.06115	6.34732	0.1899128	0.29557274	2.2319945	21	—	—
251596 2009 HV_{38}	15.9	X	38.57344	110.76885	151.30692	10.34534	0.1860359	0.17672209	3.1449144	21	8 19.7	19.7
251597 2009 HP_{39}	16.0	X	294.33264	17.47573	216.95327	13.94987	0.0724118	0.22933050	2.6433916	21	1 19.8	20.0
251598 2009 HA_{40}	16.5	X	178.18553	247.27976	62.39301	10.27005	0.3302038	0.21857391	2.7294209	21	1 8.3	21.5
251599 2009 HE_{64}	16.7	X	250.11561	191.22448	204.79772	5.92359	0.1258373	0.25830761	2.4418065	21	6 21.7	20.2
251600 2009 HQ_{69}	15.8	X	114.25703	29.64411	206.99943	7.57881	0.0958865	0.19151421	2.9808174	21	10 9.8	20.3

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251601 2009 HR_{75}	17.2	X	241.61571	199.01286	142.96178	9.81228	0.1733681	0.23779893	2.5802559	21	4 3.3	21.4
251602 2009 HS_{82}	16.5	X	11.88257	233.54655	317.35661	3.43833	0.1886008	0.24159512	2.5531556	21	3 4.8	18.8
251603 2009 HO_{83}	17.1	X	45.99011	75.87052	186.91191	6.85759	0.0995177	0.26005599	2.4308499	21	8 24.2	19.9
251604 2009 HN_{89}	16.5	X	236.54789	216.45212	70.15909	3.35319	0.1699492	0.22610572	2.6684661	21	1 21.2	20.8
251605 2009 HB_{90}	16.7	X	19.36599	136.05493	168.55447	3.39018	0.0680584	0.26670117	2.3903020	21	9 9.5	19.3
251606 2009 HA_{91}	16.8	X	42.10612	233.70991	39.54928	7.86285	0.1584048	0.26387770	2.4073224	21	9 18.4	19.5
251607 2009 HP_{94}	16.9	X	112.99038	325.19623	230.64615	5.53518	0.0438378	0.25968607	2.4331578	21	8 14.4	20.1
251608 2009 HH_{98}	16.1	X	242.28382	146.56731	186.08648	11.78739	0.0767385	0.23656051	2.5892534	21	3 26.9	19.9
251609 2009 HJ_{99}	16.3	X	0.47979	141.61545	184.40544	12.90824	0.1232545	0.18048081	3.1010970	21	9 1.1	20.1
251610 2009 HL_{101}	16.3	X	129.80643	212.33425	157.83898	6.45644	0.0407856	0.22134890	2.7065609	21	1 4.6	20.1
251611 2009 HQ_{101}	16.9	X	242.88828	97.70473	212.93687	2.67810	0.1321323	0.23063852	2.6333878	21	2 24.0	21.1
251612 2009 HZ_{101}	16.3	X	194.03595	278.82936	66.94163	14.14061	0.1181106	0.22870875	2.6481801	21	2 28.3	20.7
251613 2009 HH_{105}	16.8	X	197.72189	94.94488	191.80607	1.91620	0.0370972	0.21827199	2.7319372	21	—	—
251614 2009 JE_{7}	16.3	X	225.76221	101.86068	157.08712	9.27935	0.0534522	0.21798836	2.7343064	21	—	—
251615 2009 JA_{8}	16.4	X	223.43242	50.57295	252.27638	1.49757	0.1037669	0.22613288	2.6682524	21	1 28.9	20.4
251616 2009 JY_{16}	15.9	X	64.53372	94.21716	174.35834	10.55862	0.0824745	0.18328556	3.0693792	21	9 19.8	20.1
251617 2009 JG_{18}	16.5	X	209.09202	184.72071	166.77758	14.06934	0.1847154	0.23187415	2.6240241	21	3 14.8	20.9
251618 2009 KE_{15}	16.4	X	308.42131	58.48233	146.75479	5.35095	0.0749360	0.22501158	2.6771095	21	1 4.5	20.2
251619 2009 LS_{2}	15.8	X	276.12415	108.96464	182.81700	14.33346	0.1062104	0.23385724	2.6091688	21	3 9.3	19.5
251620 2009 MH	16.0	X	12.66235	115.66671	193.13006	10.79462	0.1767449	0.17669324	3.1452567	21	9 2.7	19.7
251621 Lüthen	16.7	X	352.27780	157.69172	232.17434	6.97004	0.1338744	0.25465185	2.4651205	21	12 1.8	19.3
251622 2009 UK_{133}	16.4	X	23.19841	106.38830	319.37104	8.48982	0.2061132	0.17801650	3.1296508	21	—	—
251623 2009 VE_{41}	16.0	X	197.41856	326.50786	101.97236	6.23844	0.0170734	0.22051831	2.7133529	21	6 11.6	19.7
251624 2009 XP_{22}	15.7	X	101.48857	141.27866	287.36542	11.87334	0.0955477	0.18566995	3.0430444	21	2 20.8	20.1
251625 Timconrow	15.9	X	141.96692	158.07167	126.70622	18.23055	0.2720549	0.21836793	2.7311369	21	—	—
251626 2010 FM_{53}	15.3	X	98.82967	252.91373	184.12607	15.40415	0.1949901	0.17659150	3.1464647	21	3 19.6	19.7
251627 Joyceearl	15.7	X	4.62572	328.87632	320.78242	22.60588	0.2102335	0.17812349	3.1283974	21	7 29.9	18.9
251628 2010 JK_{105}	15.0	X	62.19346	289.22906	303.15282	25.12229	0.1813663	0.18005500	3.1059844	21	8 10.3	19.3
251629 2010 JR_{125}	16.2	X	138.00111	159.47279	158.81725	6.73464	0.1720510	0.21450979	2.7637874	21	—	—
251630 2010 JK_{130}	16.3	X	333.72616	289.57734	359.54475	8.11939	0.2550035	0.25903370	2.4372413	21	4 28.3	18.6
251631 2010 KV_{18}	15.7	X	164.28080	55.20615	323.20936	12.40528	0.2841516	0.22944556	2.6425078	21	3 10.6	20.4
251632 2010 KZ_{29}	16.6	X	136.16198	25.60762	304.51237	5.46633	0.1257376	0.21550455	2.7552758	21	—	—
251633 2010 KP_{45}	16.4	X	129.31448	0.51557	328.70931	4.63042	0.0829205	0.21356838	2.7719033	21	—	—
251634 2010 KR_{49}	16.2	X	176.10077	60.29837	299.16348	11.53494	0.3043767	0.22823223	2.6518650	21	2 25.5	21.1
251635 2010 KX_{63}	15.8	X	130.32119	172.25642	134.91329	9.85675	0.2224293	0.20950935	2.8075906	21	—	—
251636 2010 KH_{65}	15.6	X	340.09715	327.21962	352.04505	0.23788	0.1764823	0.17381457	3.1798887	21	7 16.1	18.9
251637 2010 KN_{68}	15.6	X	345.61345	341.18193	335.51488	4.24995	0.1934100	0.17473629	3.1686965	21	7 23.5	19.0
251638 2010 KD_{83}	15.7	X	337.24358	199.54334	136.60256	5.91962	0.1841979	0.17544900	3.1601093	21	8 2.4	19.2
251639 2010 KX_{87}	15.7	X	144.62440	74.53229	316.48385	26.80398	0.1445440	0.22861343	2.6489162	21	2 21.7	19.9
251640 2010 KH_{116}	15.7	X	326.08415	196.89116	146.43805	6.41673	0.1723249	0.17337618	3.1852468	21	7 22.6	19.5
251641 2010 LX_{79}	16.2	X	206.45133	325.41144	355.73463	12.83413	0.1812277	0.22913553	2.6448909	21	2 8.4	20.7
251642 2010 LC_{97}	15.2	X	357.05235	173.59826	156.54980	18.22114	0.2293113	0.17775333	3.1327390	21	9 7.3	18.1
251643 2010 LA_{135}	17.5	X	49.71734	213.31175	134.48356	5.57295	0.1901706	0.28707550	2.2758238	21	—	—
251644 2010 MF_{4}	16.9	X	334.63203	166.47934	139.22272	3.09360	0.1363245	0.26194578	2.4191443	21	6 18.3	19.1
251645 2010 NZ_{4}	15.0	X	298.95932	259.46848	133.15167	16.79918	0.1190812	0.17981860	3.1087060	21	8 22.8	19.1
251646 2010 OZ_{126}	16.7	X	322.64260	56.96728	220.85909	1.79997	0.1703561	0.25451646	2.4659947	21	4 9.7	19.4
251647 2834 $P–L$	16.3	X	189.92747	76.66646	354.49017	4.53510	0.2807059	0.23721587	2.5844823	21	6 2.4	21.1
251648 4277 $P–L$	17.2	X	191.26362	172.27585	202.23340	4.99522	0.3228745	0.23617392	2.5920781	21	3 28.3	21.9
251649 1208 $T–2$	16.8	X	266.36145	329.84868	5.23587	3.54459	0.2467267	0.24118030	2.5560823	21	4 7.5	20.7
251650 2197 $T–3$	17.6	X	338.31471	82.04643	269.86818	2.31261	0.2413646	0.26802634	2.3824167	21	9 5.2	18.8
251651 2336 $T–3$	17.2	X	4.30418	18.04625	333.96594	3.15237	0.2234725	0.26963128	2.3729533	21	11 13.9	19.2
251652 1981 EX_{45}	17.1	X	249.19718	322.75278	202.96933	6.02976	0.1094207	0.28523745	2.2855901	21	12 23.9	19.6
251653 1991 TH_{15}	16.7	X	293.55237	352.30619	35.15289	5.67622	0.2041041	0.25869346	2.4393779	21	7 29.4	19.4
251654 1993 RB_{15}	15.6	X	217.50731	202.97618	216.66453	13.43097	0.2424007	0.23800993	2.5787307	21	6 10.7	20.2
251655 1993 TH_{11}	17.8	X	58.06421	149.56453	258.31275	1.75024	0.1891293	0.29156941	2.2523787	21	—	—
251656 1993 UW_{7}	16.4	X	204.89907	262.50096	114.26367	5.51477	0.1091375	0.23255207	2.6189220	21	4 13.6	20.5
251657 1994 AH_{8}	16.5	X	221.22688	4.10187	137.05094	2.17983	0.1094107	0.16898308	3.2402156	21	10 1.7	21.5
251658 1994 GZ_{1}	16.4	X	96.28847	283.75427	178.15923	14.16951	0.1636947	0.21979817	2.7192763	21	4 9.3	20.0
251659 1994 JU_{6}	17.2	X	95.00707	204.67420	69.06051	3.54143	0.1478042	0.26719057	2.3873823	21	11 19.2	20.7
251660 1994 RZ_{8}	16.6	X	104.68544	76.16639	237.20966	1.04184	0.1444084	0.19102481	2.9859065	21	—	—
251661 1994 SY_{2}	17.6	X	333.52277	352.64068	216.80362	1.96218	0.0970677	0.31348022	2.1461626	21	1 19.4	19.8
251662 1994 SK_{5}	16.2	X	313.63152	82.09355	27.75731	2.17185	0.0715194	0.18915688	3.0055315	21	12 26.3	20.0
251663 1994 SP_{11}	15.1	X	6.10683	25.21709	19.49543	10.96513	0.1081694	0.18754047	3.0227766	21	12 23.2	19.1
251664 1994 UG_{9}	16.5	X	8.40009	312.57268	225.35442	13.64672	0.0982955	0.23674098	2.5879373	21	2 11.3	19.9
251665 1994 YZ_{3}	16.4	X	260.39784	235.02361	106.77624	1.85719	0.1887139	0.23870973	2.5736884	21	4 17.4	20.2
251666 1995 BW_{10}	16.2	X	114.19861	129.47171	329.78425	6.87694	0.1672342	0.23309319	2.6148673	21	4 22.2	20.0
251667 1995 FL_{1}	17.0	X	27.56755	22.73827	9.59706	7.69966	0.1167686	0.28935657	2.2638474	21	—	—
251668 1995 FO_{4}	17.0	X	325.18455	129.60943	10.26535	6.16732	0.0971027	0.29349074	2.2425378	21	—	—
251669 1995 FU_{7}	16.8	X	331.48086	167.97649	71.80508	5.00550	0.1362975	0.22653425	2.6650998	21	3 14.8	20.1
251670 1995 QQ_{14}	17.1	X	256.34335	295.62806	207.21999	3.98729	0.1255487	0.26988607	2.3714596	21	11 27.4	19.8
251671 1995 SJ_{11}	17.4	X	299.69596	61.05738	14.70433	7.10701	0.0934578	0.26683274	2.3895162	21	11 3.6	19.8
251672 1995 SG_{13}	17.0	X	128.59121	56.00624	164.11317	0.16112	0.1619493	0.26862764	2.3788602	21	10 16.2	20.6
251673 1995 SY_{18}	17.7	X	311.23702	56.44496	2.38504	1.97253	0.2140662	0.26557774	2.3970381	21	10 20.6	19.5
251674 1995 SP_{22}	16.9	X	49.47639	330.83998	56.28199	2.90619	0.0716241	0.19831033	2.9123204	21	—	—
251675 1995 SL_{23}	16.8	X	99.15413	304.07447	18.90418	14.05668	0.0252175	0.19725325	2.9227159	21	—	—
251676 1995 SA_{32}	17.2	X	102.36957	101.33933	170.52390	6.22985	0.1094101	0.27202192	2.3590299	21	11 23.3	20.6
251677 1995 SU_{38}	16.6	X	111.29765	347.14883	310.94542	0.98654	0.0940631	0.19620743	2.9330924	21	12 20.1	21.1
251678 1995 SV_{60}	16.4	X	234.81733	208.25325	33.59734	6.53390	0.0850596	0.20361184	2.8615457	21	—	—
251679 1995 TD_{3}	17.2	X	24.82039	335.85704	1.35039	3.60547	0.1979735	0.26836737	2.3803980	21	11 23.9	19.8
251680 1995 TS_{4}	16.8	X	202.91544	274.09751	12.93821	1.92156	0.0334572	0.20339258	2.8636019	21	—	—

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251681 1995 UW_{17}	17.4	X	277.81461	175.56241	296.87735	1.69374	0.1430341	0.26844406	2.3799446	21	11 14.4	19.7
251682 1995 US_{30}	17.1	X	336.43998	299.14799	89.24265	2.57581	0.1823266	0.26501598	2.4004243	21	11 4.7	18.8
251683 1995 UY_{34}	17.1	X	328.17182	262.80539	93.08015	3.53119	0.2520743	0.26287032	2.4134687	21	8 13.3	18.7
251684 1995 UL_{39}	15.7	X	244.82716	283.50418	207.40651	10.16655	0.0797677	0.18979813	2.9987581	21	10 20.6	20.0
251685 1995 UC_{40}	17.3	X	287.46889	28.66238	359.27422	5.67136	0.1657170	0.26157437	2.4214337	21	7 26.8	20.1
251686 1995 UF_{42}	16.9	X	75.77837	51.58032	216.86699	5.51890	0.0868215	0.26505345	2.4001980	21	10 13.0	19.9
251687 1995 UR_{50}	17.5	X	17.91111	169.24160	169.22542	3.42582	0.1427155	0.26500558	2.4004870	21	11 6.9	20.0
251688 1995 UX_{59}	18.2	X	8.87607	93.98776	200.58625	0.59917	0.1820025	0.26168826	2.4207311	21	8 16.3	19.9
251689 1995 VV_{7}	17.1	X	25.83205	313.01510	56.41117	2.24155	0.2003800	0.26876898	2.3780261	21	—	—
251690 1995 VJ_{8}	15.9	X	34.80046	327.89444	55.16138	10.36554	0.0566827	0.19296065	2.9659026	21	12 30.3	20.1
251691 1995 VW_{17}	17.0	X	213.13748	187.81892	237.88387	5.27356	0.0607619	0.25442952	2.4665564	21	6 24.2	20.5
251692 1995 WX_{12}	15.2	X	126.07481	255.24451	130.39969	4.61614	0.2175943	0.12600972	3.9403368	21	2 25.9	21.2
251693 1995 WB_{15}	15.9	X	350.61756	112.21089	24.52643	5.39828	0.0775186	0.20148585	2.8816397	21	—	—
251694 1995 WP_{27}	17.1	X	17.02867	295.56119	33.91362	8.29589	0.1545654	0.26556684	2.3971037	21	10 24.5	19.3
251695 1995 WC_{33}	17.2	X	337.60759	293.95541	100.21617	3.45698	0.1879982	0.26609874	2.3939083	21	11 17.5	19.0
251696 1995 YU_{6}	15.3	X	77.74168	127.84709	231.63732	8.11920	0.1172331	0.19540911	2.9410755	21	—	—
251697 1996 AN_{18}	16.7	X	348.18386	213.30794	233.77799	2.00062	0.1339636	0.18937778	3.0031939	21	—	—
251698 1996 DJ	14.9	X	346.34062	235.83842	301.81076	28.61315	0.3528256	0.23247029	2.6195363	21	—	—
251699 1996 FA_{5}	18.0	X	131.50143	64.55905	182.09449	21.27570	0.0415163	0.37180964	1.9153830	21	12 8.9	20.7
251700 1996 RK_{21}	17.9	X	355.74671	289.74515	164.94045	3.59205	0.1605615	0.28726156	2.2748410	21	—	—
251701 1996 TD_{16}	13.2	X	300.19910	182.13745	268.65396	6.79307	0.0663314	0.08188491	5.2521056	21	10 25.7	20.0
251702 1996 TS_{16}	13.4	X	31.99413	109.43845	239.28387	7.98682	0.0177925	0.08241661	5.2294927	21	10 23.5	20.2
251703 1996 TL_{18}	17.3	X	41.22511	51.88958	251.05609	0.89031	0.1372551	0.27514959	2.3411189	21	10 23.4	19.7
251704 1996 TJ_{26}	16.4	X	154.69058	106.53799	220.61486	10.51747	0.0861218	0.21247967	2.7813638	21	—	—
251705 1996 UJ	17.0	X	17.47601	74.08831	19.49753	21.05334	0.3500660	0.28538332	2.2848112	21	—	—
251706 1996 XZ_{11}	16.9	X	114.36879	308.45382	305.33888	5.03279	0.0870058	0.26936597	2.3745113	21	11 7.9	20.3
251707 1996 XV_{29}	15.9	X	180.14850	269.85961	64.40691	6.64042	0.0425717	0.21130864	2.7916301	21	1 24.1	20.0
251708 1996 XO_{32}	16.9	X	309.64401	157.29349	289.45483	17.06485	0.0898898	0.35462745	1.9767625	21	—	—
251709 1997 AA_{5}	16.8	X	302.02210	53.42376	79.01561	2.94503	0.1713264	0.27669963	2.3323676	21	—	—
251710 1997 CN_{2}	17.2	X	269.94956	55.46900	321.64169	2.82966	0.1150467	0.26147455	2.4220500	21	6 22.4	20.4
251711 1997 CF_{11}	17.7	X	235.05713	157.69683	319.57047	1.76669	0.1871389	0.26738292	2.3862372	21	9 15.0	20.9
251712 1997 CO_{16}	17.5	X	291.08584	130.74742	317.27502	2.06516	0.1570749	0.27132045	2.3630942	21	10 31.4	19.8
251713 1997 ES_{16}	16.7	X	236.33501	11.50101	175.32230	4.76880	0.1129273	0.18988007	2.9978953	21	12 13.5	21.0
251714 1997 GK_{5}	17.5	X	79.14866	271.74668	299.92721	0.35236	0.1301992	0.25490924	2.4634608	21	8 6.5	20.5
251715 1997 GA_{10}	15.7	X	129.64792	221.07395	19.04801	6.07357	0.1896041	0.18201726	3.0836211	21	11 1.8	20.9
251716 1997 GR_{10}	15.5	X	218.82501	193.32890	22.36944	9.07273	0.0377249	0.18982002	2.9985275	21	—	—
251717 1997 HS_{10}	16.7	X	21.17987	341.64123	223.23314	7.81380	0.1405706	0.24584020	2.5236790	21	4 16.4	19.0
251718 1997 SV_{18}	16.5	X	186.91002	39.46047	349.96895	4.33917	0.3174456	0.23093691	2.6311189	21	4 11.5	21.4
251719 1997 ST_{20}	16.2	X	114.59469	81.91056	22.27384	12.80745	0.1198799	0.22837543	2.6507562	21	4 24.5	20.0
251720 1997 SE_{32}	17.4	X	253.65364	88.31400	308.46944	1.61520	0.1638580	0.23959926	2.5673145	21	6 22.6	21.2
251721 1997 UO	16.5	X	218.85834	147.62088	199.18355	17.05339	0.2264769	0.23050633	2.6343945	21	3 13.7	21.2
251722 1997 US_{2}	19.7	X	289.94552	100.22994	65.96144	3.17045	0.6617841	0.45507684	1.6739644	21	—	—
251723 1997 WZ_{3}	16.7	X	347.40887	175.60880	39.67112	9.56068	0.0567177	0.22725192	2.6594858	21	3 17.7	20.1
251724 1997 WR_{25}	16.2	X	321.81297	188.46469	67.20048	13.00923	0.0967641	0.22808412	2.6530128	21	4 1.0	19.8
251725 1998 BV_{19}	15.8	X	159.74808	184.78564	120.46938	7.05400	0.0389389	0.20874269	2.8144608	21	—	—
251726 1998 DD_{1}	16.1	X	46.49419	152.61837	311.67077	1.82151	0.1421901	0.21293928	2.7773601	21	1 19.3	18.9
251727 1998 FJ_{38}	17.1	X	256.35183	156.78218	357.93754	7.51976	0.2146065	0.28284169	2.2984784	21	11 29.8	19.8
251728 1998 FA_{47}	16.8	X	214.19974	23.10961	183.33533	2.06904	0.1596219	0.28147188	2.3059296	21	12 23.4	19.7
251729 1998 FN_{67}	16.0	X	8.05181	115.78705	71.82850	3.85080	0.2036667	0.21261811	2.7801563	21	3 1.5	18.6
251730 1998 HG_{12}	17.2	X	350.80507	358.55055	302.78599	1.80987	0.2014362	0.26172211	2.4205224	21	7 12.9	18.9
251731 1998 HY_{24}	16.8	X	190.18515	148.51897	67.39614	3.05502	0.1967907	0.27875002	2.3209161	21	12 5.6	20.2
251732 1998 HG_{49}	21.5	X	69.56291	324.28834	44.81378	4.19502	0.1124236	0.74929134	1.2005186	21	—	—
251733 1998 HO_{86}	15.6	X	82.03071	248.62033	29.23783	11.67600	0.2973379	0.18494190	3.0510255	21	11 13.4	20.6
251734 1998 KB_{12}	17.7	X	257.19669	259.28502	216.54717	20.02558	0.0946101	0.35836210	1.9630047	21	11 13.6	19.2
251735 1998 MO_{4}	15.4	X	7.89734	44.75200	303.04582	11.72749	0.1886647	0.17564983	3.1577002	21	10 13.5	19.2
251736 1998 MR_{16}	15.3	X	354.96423	88.26055	306.50512	9.19488	0.0577701	0.18100662	3.0950885	21	11 17.0	19.5
251737 1998 QK_{62}	17.2	X	295.98026	117.34874	236.16412	4.03416	0.2422644	0.25271284	2.4777140	21	6 4.7	20.4
251738 1998 QU_{87}	14.7	X	37.63482	82.63069	280.88427	14.56701	0.2543000	0.17708805	3.1405802	21	—	—
251739 1998 SH_{29}	15.2	X	203.68197	129.55829	28.72786	8.70702	0.0533713	0.17180434	3.2046452	21	10 9.1	19.9
251740 1998 TG_{33}	15.9	X	135.05892	148.96564	201.66838	13.29664	0.2799502	0.23020185	2.6367169	21	1 13.6	20.2
251741 1998 UQ_{11}	16.7	X	260.35854	66.81421	90.56094	2.34330	0.1187633	0.26160999	2.4212139	21	12 22.1	19.1
251742 1998 VD_{57}	13.5	X	59.24641	97.71495	232.37792	5.45925	0.0510168	0.08466600	5.1364533	21	11 7.9	20.3
251743 1998 WO_{24}	13.7	X	321.39889	167.10166	262.75987	0.58320	0.1264301	0.08384841	5.1697889	21	10 25.9	20.0
251744 1998 WS_{24}	13.8	X	324.62795	344.91353	80.33217	2.71107	0.0710374	0.08391518	5.1670462	21	10 30.1	20.4
251745 1998 WK_{36}	16.3	X	13.07394	289.02270	46.94997	6.38823	0.2022128	0.25705884	2.4497082	21	11 1.9	18.7
251746 1998 WL_{43}	16.7	X	268.40910	270.50365	62.67320	4.97093	0.0732945	0.24137915	2.5546782	21	4 28.8	20.1
251747 1998 XJ_{2}	16.8	X	199.40234	225.43056	240.98224	5.68287	0.1065688	0.24654133	2.5188921	21	7 28.8	20.6
251748 1998 XC_{11}	16.2	X	133.94024	155.03663	308.27025	4.45193	0.3002830	0.23381869	2.6094555	21	6 1.8	20.7
251749 1998 XR_{49}	16.2	X	186.80639	132.39720	308.16012	11.22536	0.2649353	0.24046248	2.5611667	21	6 12.5	20.9
251750 1998 YN_{21}	16.7	X	81.06859	55.87442	117.41214	6.23615	0.0812084	0.23493032	2.6012175	21	6 8.8	20.0
251751 1999 AX_{12}	16.6	X	205.62739	237.75251	120.08409	2.45661	0.0885000	0.23057136	2.6338992	21	3 20.3	20.4
251752 1999 AP_{13}	16.3	X	220.76027	243.57827	148.00007	2.92563	0.2122368	0.23846367	2.5754585	21	5 11.8	20.6
251753 1999 AX_{14}	16.6	X	180.96597	110.32037	299.64899	4.13128	0.2370567	0.23604001	2.5930584	21	4 29.7	21.1
251754 1999 AA_{17}	16.2	X	75.31766	14.99304	135.45512	6.40380	0.0302884	0.23132692	2.6281608	21	4 24.7	19.7
251755 1999 CG_{34}	15.9	X	186.97469	103.01014	332.76793	6.99354	0.1816010	0.23682795	2.5873037	21	6 5.9	20.2
251756 1999 CU_{90}	15.9	X	163.41649	359.01208	124.29254	7.32565	0.1863817	0.23912493	2.5707084	21	7 15.9	20.0
251757 1999 CL_{107}	16.6	X	41.90363	278.33349	224.77936	7.33416	0.2532543	0.22528220	2.6749652	21	3 6.8	18.9
251758 1999 CL_{115}	15.8	X	47.26147	296.35794	245.49371	10.19018	0.2511772	0.22827667	2.6515207	21	5 23.0	18.2
251759 1999 CE_{145}	16.6	X	271.14055	286.85353	315.36433	1.22478	0.0938299	0.22047520	2.7137066	21	1 6.4	20.4
251760 1999 FO_{2}	16.8	X	93.12255	128.31068	2.01379	3.63816	0.0765425	0.22791547	2.6543214	21	4 25.6	20.4

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251761 1999 FN_6	15.8	X	314.44533	352.31383	196.85576	13.82390	0.1404300	0.21487023	2.7606958	21	—	—
251762 1999 FS_{12}	16.6	X	320.15433	6.05733	176.26304	1.77444	0.1443179	0.21512272	2.7585352	21	—	—
251763 1999 FX_{16}	16.5	X	331.48611	28.49673	176.96813	2.53208	0.1047544	0.22072933	2.7116233	21	1 30.9	19.9
251764 1999 GV_{61}	16.9	X	139.00057	234.51278	14.39378	9.39307	0.1780728	0.28757644	2.2731801	21	11 30.9	20.7
251765 1999 JS_4	16.0	X	280.57103	182.39641	60.34633	13.97351	0.2529875	0.21370695	2.7707050	21	1 3.1	20.7
251766 1999 JC_5	17.0	X	91.80369	290.94868	53.56503	22.75769	0.0970870	0.38032534	1.8866842	21	—	—
251767 1999 JK_{75}	16.4	X	127.27679	57.68731	241.29360	6.64448	0.1665799	0.28876359	2.2669456	21	—	—
251768 1999 JF_{98}	17.1	X	165.88484	86.27448	171.98548	5.62925	0.1605334	0.28985581	2.2612472	21	—	—
251769 1999 NP_1	15.7	X	72.18443	95.59527	269.92149	23.43331	0.2111459	0.28376758	2.2934760	21	—	—
251770 1999 NM_7	15.1	X	9.24985	234.72554	126.31845	23.30032	0.3232394	0.18378111	3.0638592	21	12 6.9	18.7
251771 1999 RP_2	16.2	X	298.10776	42.35197	283.60765	13.19061	0.2547077	0.26141619	2.4224104	21	4 21.8	19.8
251772 1999 RL_5	16.6	X	15.19847	41.93469	321.54988	0.50553	0.1475602	0.18385370	3.0630527	21	11 18.8	20.3
251773 1999 RF_7	16.0	X	314.79920	88.35701	6.29378	7.93004	0.0618890	0.18588694	3.0406759	21	12 7.4	20.1
251774 1999 RG_{10}	14.6	X	77.47382	85.11930	334.38045	22.35659	0.3277875	0.28750433	2.2735602	21	1 23.9	16.2
251775 1999 RQ_{12}	17.2	X	328.06330	120.90096	254.59481	2.32527	0.2607484	0.26939144	2.3743616	21	9 15.9	18.3
251776 1999 RZ_{21}	17.0	X	29.28890	225.55582	144.36571	3.87556	0.2181682	0.27605427	2.3360013	21	—	—
251777 1999 RC_{67}	17.1	X	59.93693	325.95351	350.14397	5.20881	0.2570370	0.27656757	2.3331100	21	12 19.4	20.7
251778 1999 RM_{69}	16.9	X	42.26306	185.89699	124.10394	3.28255	0.2081923	0.27352731	2.3503665	21	11 16.2	19.7
251779 1999 RL_{70}	15.9	X	44.78972	152.90712	185.77360	11.15750	0.1582165	0.18560145	3.0437932	21	12 2.8	20.2
251780 1999 RV_{82}	16.7	X	302.91235	76.90558	329.61425	4.44594	0.2077126	0.26836498	2.3804121	21	9 11.7	18.9
251781 1999 RL_{106}	16.6	X	103.80762	71.33127	285.86723	5.63866	0.2226025	0.28432806	2.2904610	21	—	—
251782 1999 RQ_{147}	15.1	X	308.85191	37.52369	331.68651	26.86002	0.1925323	0.17605307	3.1528767	21	8 2.8	19.2
251783 1999 RD_{148}	17.2	X	27.67348	63.49743	273.03179	2.39067	0.2589149	0.27411667	2.3469964	21	12 9.4	19.9
251784 1999 RN_{185}	16.9	X	26.91316	354.14053	341.26012	6.32015	0.1431476	0.27338493	2.3511825	21	11 15.2	19.6
251785 1999 RP_{186}	15.8	X	45.43919	308.47954	50.38989	1.55261	0.2457113	0.18671643	3.0316637	21	—	—
251786 1999 RB_{207}	15.0	X	348.53843	20.67868	331.52683	17.45141	0.1605080	0.17742296	3.1366267	21	9 12.6	18.7
251787 1999 RP_{208}	16.7	X	33.23592	72.84867	266.68106	4.77090	0.2506480	0.27369747	2.3493923	21	12 19.3	19.6
251788 1999 RM_{212}	16.3	X	48.76340	151.83660	266.79346	5.74618	0.2309453	0.28162016	2.3051201	21	—	—
251789 1999 RZ_{222}	16.8	X	36.05186	86.89266	272.91971	6.25011	0.1356078	0.27653727	2.3332804	21	—	—
251790 1999 RM_{228}	17.5	X	333.10304	307.29013	29.47194	5.89176	0.2319155	0.26698887	2.3885845	21	7 27.8	19.2
251791 1999 SA_{12}	15.8	X	17.96869	241.13136	136.60450	2.77023	0.2002190	0.18365832	3.0652246	21	12 18.6	19.5
251792 1999 SY_{20}	17.6	X	321.05742	17.06034	349.32022	4.43249	0.1645940	0.26755483	2.3852149	21	8 25.2	19.4
251793 1999 SD_{23}	17.1	X	288.73570	205.81298	180.95066	9.34306	0.2255637	0.26516012	2.3995543	21	7 13.1	20.2
251794 1999 SL_{23}	17.1	X	297.86067	112.01784	349.40641	6.03876	0.0595280	0.27636851	2.3342302	21	12 13.4	19.7
251795 1999 TU_2	17.0	X	318.43459	357.25414	25.93306	6.50762	0.1752117	0.26599657	2.3945212	21	9 16.5	18.9
251796 1999 TO_9	16.8	X	24.35830	4.26868	20.54542	5.38524	0.2342206	0.27517141	2.3409951	21	—	—
251797 1999 TS_{21}	15.7	X	329.61964	331.32203	49.84961	18.47635	0.2043413	0.17504390	3.1649831	21	9 28.7	19.4
251798 1999 TG_{35}	17.2	X	286.81025	33.87154	7.46334	19.25193	0.0926327	0.35643955	1.9700570	21	9 11.0	18.9
251799 1999 TK_{36}	16.0	X	21.45462	175.93521	194.46020	9.08383	0.2795725	0.18273946	3.0754912	21	12 25.9	19.9
251800 1999 TY_{37}	15.7	X	324.34860	254.35603	180.71611	14.31552	0.2275727	0.18199651	3.0838555	21	11 23.1	19.0
251801 1999 TL_{48}	15.7	X	301.67378	240.88737	176.06374	5.99715	0.1484012	0.17724053	3.1387786	21	9 22.4	19.7
251802 1999 TQ_{51}	16.1	X	330.17159	142.93231	220.73146	8.43302	0.0955133	0.17497199	3.1658502	21	8 30.2	20.3
251803 1999 TV_{51}	15.5	X	252.95075	278.41472	211.50870	17.56517	0.1691783	0.17938104	3.1137592	21	10 14.7	20.0
251804 1999 TY_{53}	15.9	X	243.38631	121.46126	16.16073	16.83950	0.1716336	0.17934636	3.1141606	21	10 13.2	20.4
251805 1999 TT_{54}	15.8	X	247.61502	63.04365	14.12861	5.64257	0.1054583	0.17130293	3.2108956	21	8 15.3	20.5
251806 1999 TO_{59}	17.3	X	289.46539	92.29575	343.52607	6.25043	0.0657472	0.27162886	2.3613051	21	10 20.9	20.1
251807 1999 TK_{60}	17.3	X	309.37846	70.52975	354.94127	4.70015	0.1385688	0.27167258	2.3610518	21	11 3.4	19.4
251808 1999 TD_{61}	16.2	X	69.30558	117.67863	190.37545	10.37684	0.0933096	0.18458004	3.0550118	21	11 16.5	20.6
251809 1999 TS_{62}	16.1	X	265.52997	63.21444	32.35864	10.09227	0.1975970	0.17402857	3.1772814	21	9 17.8	20.7
251810 1999 TR_{66}	17.3	X	249.28611	266.67901	261.72105	1.90309	0.1277657	0.27530641	2.3402297	21	12 22.6	19.6
251811 1999 TP_{73}	17.5	X	0.54025	67.60688	302.85280	0.55227	0.1890609	0.27267508	2.3552612	21	11 30.9	19.7
251812 1999 TF_{76}	16.3	X	80.18963	309.48474	356.15653	0.44572	0.1689294	0.18251231	3.0780424	21	12 2.6	20.8
251813 1999 TY_{76}	17.6	X	3.08447	87.44898	207.30998	1.61695	0.2154546	0.26275924	2.4141489	21	8 4.1	19.0
251814 1999 TC_{77}	17.6	X	10.79477	322.09056	13.39605	2.45151	0.2052682	0.26862444	2.3788791	21	10 29.9	19.7
251815 1999 TP_{79}	16.8	X	357.76242	352.43641	28.73783	5.27418	0.0645347	0.27262113	2.3555719	21	11 24.0	19.3
251816 1999 TO_{81}	18.2	X	329.45907	82.45419	342.42156	2.31285	0.3005187	0.27207895	2.3587002	21	12 31.5	19.2
251817 1999 TG_{94}	17.0	X	50.96502	318.19899	58.79756	3.17663	0.2349643	0.27861840	2.3216470	21	—	—
251818 1999 TY_{109}	17.2	X	317.03478	89.17335	290.09456	6.14782	0.2234783	0.26741741	2.3860320	21	8 25.2	19.0
251819 1999 TP_{135}	17.0	X	88.59611	102.07298	210.10294	5.81488	0.1296515	0.27653308	2.3333040	21	12 30.3	20.5
251820 1999 TD_{145}	15.6	X	325.77403	156.93474	213.43104	7.67443	0.2338931	0.17630461	3.1498771	21	8 19.0	19.1
251821 1999 TY_{161}	16.9	X	311.33032	356.72122	52.20849	6.45812	0.1776140	0.26812024	2.3818605	21	10 12.5	18.9
251822 1999 TQ_{164}	17.0	X	328.43206	94.84815	240.58531	3.94116	0.2207363	0.26450378	2.4035221	21	7 11.0	18.9
251823 1999 TS_{164}	16.9	X	351.71526	126.98328	245.76632	5.44761	0.1494991	0.27074703	2.3664295	21	11 10.5	19.1
251824 1999 TJ_{177}	17.6	X	357.91522	347.96859	9.21922	1.44144	0.1983273	0.26947797	2.3738533	21	11 5.3	19.4
251825 1999 TH_{179}	15.5	X	36.40067	325.84939	14.76607	10.54385	0.1891383	0.18163693	3.0879241	21	11 24.1	19.6
251826 1999 TK_{179}	17.0	X	290.32368	126.41498	237.72763	5.11619	0.1313324	0.26120917	2.4236902	21	6 29.8	19.9
251827 1999 TS_{192}	15.5	X	5.08979	84.68455	322.02786	6.36631	0.2171634	0.18279153	3.0749071	21	—	—
251828 1999 TE_{195}	16.9	X	2.67557	62.32402	14.39069	5.18779	0.2114747	0.27600382	2.3362859	21	—	—
251829 1999 TJ_{196}	16.1	X	101.70951	69.79953	260.08884	8.42141	0.2528584	0.27977260	2.3152573	21	—	—
251830 1999 TY_{198}	15.4	X	351.35809	155.94834	234.36110	21.89826	0.1464878	0.17975447	3.1094452	21	11 12.7	18.8
251831 1999 TS_{202}	15.7	X	30.64162	25.15382	1.66495	5.90275	0.0881796	0.18605432	3.0388520	21	—	—
251832 1999 TW_{209}	15.7	X	59.87698	316.27910	76.07566	7.05988	0.1808083	0.18903358	3.0068383	21	—	—
251833 1999 TE_{212}	17.1	X	2.63531	122.29759	233.76648	3.62861	0.1956812	0.27011104	2.3701427	21	11 13.5	18.9
251834 1999 TD_{213}	17.0	X	299.25921	186.72722	246.06152	2.89893	0.1765957	0.26939353	2.3743493	21	10 21.1	19.2
251835 1999 TB_{214}	15.1	X	355.78329	352.88786	27.33937	16.56115	0.0690475	0.18065344	3.0991212	21	10 31.8	19.2
251836 1999 TR_{214}	15.3	X	39.06365	322.04581	34.46292	12.69599	0.1506774	0.18369879	3.0647744	21	12 12.9	19.6
251837 1999 TS_{217}	17.5	X	55.31870	290.20025	89.69179	1.75798	0.2500078	0.27818389	2.3240639	21	—	—
251838 1999 TV_{246}	15.5	X	297.40091	132.62746	352.41438	8.28608	0.0750792	0.18848791	3.0126387	21	12 21.7	19.6
251839 1999 TB_{250}	17.0	X	331.25029	146.36222	237.18252	5.48997	0.1507316	0.26911979	2.3759591	21	10 13.4	18.9
251840 1999 TS_{255}	18.2	X	307.20477	246.65525	189.30126	2.51578	0.1691399	0.27232108	2.3573019	21	11 15.6	20.0

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251841 1999 TL_{259}	17.3	X	339.93354	8.75555	28.78411	1.78389	0.1812451	0.27102139	2.3648323	21	11 27.9	19.1
251842 1999 TE_{262}	15.8	X	244.13317	229.57105	226.01273	8.22524	0.0432531	0.17437672	3.1730510	21	9 5.9	20.4
251843 1999 TY_{263}	16.0	X	154.08188	136.96596	90.25255	0.19727	0.0732229	0.18114274	3.0935378	21	11 6.9	20.7
251844 1999 TV_{267}	15.3	X	317.45953	132.23966	275.59544	12.26736	0.1456300	0.17862419	3.1225486	21	9 29.9	19.4
251845 1999 TX_{271}	16.6	X	250.92544	69.35183	335.53545	10.51148	0.2426140	0.26039553	2.4287363	21	6 21.8	20.6
251846 1999 TJ_{294}	15.7	X	192.10169	12.40571	177.24050	11.67244	0.0558387	0.18487943	3.0517128	21	11 5.6	20.3
251847 1999 TD_{298}	16.9	X	342.73490	30.32732	343.41245	7.01251	0.1293859	0.26934372	2.3746420	21	10 20.2	19.2
251848 1999 TB_{306}	15.7	X	160.86092	70.26650	190.66998	10.11900	0.0508448	0.18989435	2.9977450	21	12 24.9	20.3
251849 1999 TA_{312}	16.1	X	23.33962	174.88586	178.55110	5.77366	0.1670433	0.18347457	3.0672708	21	11 22.4	19.9
251850 1999 TN_{321}	15.4	X	38.86505	317.50799	41.04012	9.90239	0.0807007	0.18112316	3.0937608	21	12 5.1	19.6
251851 1999 TG_{333}	16.2	X	216.33544	179.98184	0.91364	2.69700	0.0511263	0.18256925	3.0774025	21	11 19.2	20.7
251852 1999 UD_{10}	16.8	X	344.24174	126.29310	264.85049	19.24224	0.1158238	0.36087407	1.9538847	21	12 17.3	18.0
251853 1999 UW_{14}	17.3	X	283.78638	20.83481	50.44467	6.49424	0.2170641	0.26579714	2.3957188	21	9 16.4	19.8
251854 1999 UB_{21}	15.9	X	176.33337	58.90317	178.03034	6.63257	0.0840141	0.18698929	3.0287138	21	12 11.9	20.7
251855 1999 UX_{22}	16.2	X	337.98693	8.75478	61.03220	2.53088	0.0959452	0.18284932	3.0742592	21	12 10.3	20.0
251856 1999 UA_{30}	16.0	X	292.91308	344.34579	66.80648	2.15641	0.1876963	0.17458994	3.1704670	21	8 27.2	20.0
251857 1999 UT_{31}	16.7	X	339.25975	229.69916	189.75258	0.22291	0.1406156	0.18163795	3.0879125	21	11 30.0	20.3
251858 1999 UW_{31}	17.0	X	270.81063	244.72189	193.68558	0.66282	0.1512540	0.26535921	2.3983539	21	9 13.5	19.5
251859 1999 UG_{32}	15.3	X	145.13136	146.84753	37.89914	13.12423	0.0579644	0.17293924	3.1906097	21	9 12.4	20.2
251860 1999 UL_{34}	16.5	X	333.70789	358.61195	47.99983	1.73813	0.1648740	0.17907069	3.1173558	21	11 2.6	19.7
251861 1999 UW_{39}	17.5	X	6.95958	320.29860	25.29199	2.52318	0.2227598	0.26973974	2.3723172	21	11 10.1	19.6
251862 1999 UO_{40}	17.1	X	316.01982	96.11129	319.27501	3.01218	0.1026006	0.26985187	2.3716600	21	11 2.9	19.3
251863 1999 UL_{53}	18.3	X	46.13460	92.16561	231.47003	0.41532	0.2318457	0.27203757	2.3589394	21	12 10.9	21.5
251864 1999 UX_{58}	15.3	X	353.27376	64.13304	339.23611	10.28914	0.1902221	0.18085853	3.0967778	21	12 5.4	18.9
251865 1999 VY_{12}	16.6	X	12.29326	86.06263	260.79924	19.01415	0.0959237	0.35971359	1.9580847	21	11 21.6	18.5
251866 1999 VY_{13}	16.7	X	66.05287	61.09392	247.80492	17.92101	0.0946049	0.36223588	1.9489846	21	12 13.5	18.8
251867 1999 VV_{16}	17.4	X	240.90614	214.97682	265.18832	2.17848	0.1476305	0.26657981	2.3910273	21	9 30.4	20.6
251868 1999 VL_{17}	17.1	X	311.85898	18.27120	21.96144	6.71793	0.1672160	0.26717329	2.3874852	21	9 29.4	19.1
251869 1999 VO_{17}	17.1	X	223.72537	262.10373	231.81493	4.87303	0.0567767	0.26748891	2.3856068	21	10 9.9	20.3
251870 1999 VB_{18}	17.3	X	339.16473	332.08144	22.00517	6.92643	0.1485471	0.26629186	2.3927507	21	9 17.2	19.3
251871 1999 VE_{18}	15.3	X	78.36460	46.67581	220.58786	15.78599	0.1836721	0.17865924	3.1221402	21	10 16.3	20.0
251872 1999 VP_{18}	17.5	X	294.00791	108.73245	355.61685	2.15723	0.1784601	0.27105617	2.3646300	21	11 28.9	19.5
251873 1999 VM_{31}	17.0	X	288.40809	358.89285	60.07960	6.21829	0.2530930	0.26392342	2.4070444	21	8 29.9	19.6
251874 1999 VV_{42}	18.0	X	293.30117	90.24423	0.59699	2.70115	0.1359941	0.26989687	2.3713964	21	11 11.4	20.4
251875 1999 VQ_{44}	16.8	X	342.39921	52.56803	344.78231	6.64971	0.1120458	0.27158268	2.3615728	21	11 24.9	19.2
251876 1999 VK_{46}	15.2	X	335.72727	322.83138	40.36637	28.51825	0.1851500	0.17479445	3.1679936	21	9 25.6	19.2
251877 1999 VE_{52}	15.5	X	322.80235	197.52967	241.91063	10.39852	0.1453320	0.18029233	3.1032580	21	11 26.9	19.0
251878 1999 VE_{54}	15.2	X	20.08473	331.60159	37.35150	10.93341	0.0445534	0.18142070	3.0903772	21	11 18.8	19.4
251879 1999 VW_{59}	17.5	X	329.85925	174.77410	224.38570	1.86989	0.1915018	0.26893279	2.3770604	21	11 6.8	19.1
251880 1999 VM_{70}	17.0	X	278.88736	344.98686	70.72584	4.12207	0.0879916	0.26341336	2.4101506	21	9 6.1	19.8
251881 1999 VN_{71}	15.3	X	38.10856	99.11922	229.25078	7.47146	0.1903924	0.17950936	3.1122751	21	11 13.8	19.2
251882 1999 VU_{73}	17.8	X	53.46066	147.53421	171.76647	2.17176	0.2326661	0.27417397	2.3466694	21	12 14.0	21.0
251883 1999 VB_{76}	17.5	X	197.78644	47.39761	86.79770	2.25543	0.1328195	0.26071062	2.4267790	21	9 3.9	21.0
251884 1999 VF_{77}	17.9	X	326.47189	240.71734	145.93476	1.68912	0.1863608	0.26639895	2.3921095	21	10 8.6	19.6
251885 1999 VT_{79}	17.4	X	284.23603	63.57928	30.26065	20.58084	0.1206122	0.36027321	1.9560565	21	11 18.5	18.9
251886 1999 VV_{86}	15.3	X	337.64216	270.07133	159.78036	13.07593	0.3211953	0.18058821	3.0998674	21	12 18.3	18.0
251887 1999 VT_{89}	17.4	X	306.46120	206.69204	211.93337	2.91085	0.1927132	0.26780217	2.3837461	21	10 12.2	19.4
251888 1999 VK_{94}	15.8	X	31.27700	133.34135	209.13351	6.31608	0.2615418	0.18213451	3.0822975	21	12 3.5	19.7
251889 1999 VR_{94}	15.4	X	253.58192	258.78830	209.19667	15.40351	0.2097206	0.17520665	3.1630228	21	9 10.2	20.4
251890 1999 VE_{96}	17.3	X	26.20922	341.00451	12.29325	0.82242	0.1815983	0.27245349	2.3565381	21	12 17.4	20.0
251891 1999 VZ_{101}	15.4	X	10.16653	318.06377	58.17262	11.04397	0.0858532	0.17943107	3.1131804	21	11 19.8	19.4
251892 1999 VT_{103}	16.5	X	356.77833	126.64072	269.06168	0.14008	0.1904117	0.17983547	3.1085115	21	12 3.1	19.7
251893 1999 VG_{105}	17.2	X	304.16954	169.68075	235.84083	3.81237	0.1081446	0.26515798	2.3995672	21	9 25.8	19.6
251894 1999 VO_{107}	15.3	X	233.70050	67.74358	56.43609	10.22055	0.0467619	0.17397884	3.1778868	21	10 6.1	19.9
251895 1999 VL_{108}	15.9	X	355.11420	150.95462	229.41536	7.57938	0.2169090	0.17772721	3.1330460	21	11 11.2	19.2
251896 1999 VG_{111}	15.0	X	199.29837	279.47694	241.46918	15.39960	0.1782285	0.17229036	3.1986157	21	9 23.1	20.5
251897 1999 VG_{112}	15.0	X	357.52006	325.17492	70.77613	10.22103	0.1177407	0.17852329	3.1237250	21	11 28.4	18.8
251898 1999 VQ_{112}	15.0	X	353.85985	290.22524	69.02722	26.77920	0.2123228	0.17475851	3.1684279	21	10 24.6	18.8
251899 1999 VE_{120}	16.2	X	296.02567	75.26211	47.78120	3.23473	0.0730554	0.18631169	3.0360527	21	12 16.7	20.1
251900 1999 VV_{120}	15.3	X	267.02157	223.39375	228.09275	10.20099	0.1158660	0.17586689	3.1551015	21	9 18.6	19.9
251901 1999 VY_{120}	17.2	X	5.10165	35.39757	257.71326	3.11037	0.1238908	0.26253717	2.4155100	21	7 31.1	19.5
251902 1999 VV_{121}	17.6	X	239.11339	43.17639	75.61530	3.54773	0.1603611	0.26405653	2.4062354	21	9 27.5	20.8
251903 1999 VF_{122}	16.2	X	318.47470	345.58425	82.21230	3.90618	0.1196645	0.17823106	3.1271385	21	11 6.5	19.9
251904 1999 VY_{122}	15.5	X	3.61529	153.91846	222.04047	8.99829	0.1069499	0.17856400	3.1232502	21	11 11.7	19.5
251905 1999 VV_{133}	15.5	X	279.19914	266.73671	217.03031	8.94152	0.0614184	0.18213928	3.0822437	21	11 26.1	19.6
251906 1999 VX_{134}	17.5	X	270.44534	179.69921	231.57016	4.97446	0.0555504	0.26202881	2.4186333	21	8 18.3	20.6
251907 1999 VB_{137}	15.3	X	293.23889	254.96998	230.05363	8.49799	0.0392663	0.18261376	3.0769023	21	12 17.6	19.5
251908 1999 VU_{141}	17.4	X	254.37186	73.14092	32.26135	2.93638	0.1908320	0.26473829	2.4021025	21	9 23.1	20.3
251909 1999 VE_{143}	16.9	X	74.90154	260.53350	49.04443	12.45129	0.1753703	0.27271593	2.3550261	21	12 15.8	20.4
251910 1999 VG_{147}	15.5	X	349.43288	147.30651	235.04943	14.11561	0.1113264	0.17670926	3.1450666	21	10 26.6	19.4
251911 1999 VT_{147}	15.2	X	6.99538	348.79356	14.43009	11.91349	0.0656517	0.17999608	3.1066621	21	10 25.9	19.3
251912 1999 VV_{147}	15.9	X	340.50004	194.89687	236.99973	6.51908	0.1942316	0.18340678	3.0680267	21	12 21.0	19.2
251913 1999 VJ_{153}	15.8	X	15.79027	137.12374	223.35028	8.70298	0.1620275	0.17867810	3.1219205	21	11 17.1	19.5
251914 1999 VQ_{154}	17.5	X	229.73391	91.95758	56.12856	2.32848	0.1298230	0.26775766	2.3840102	21	10 28.4	20.6
251915 1999 VJ_{155}	16.5	X	285.75804	121.23751	271.25998	2.94773	0.2077975	0.17184821	3.2040998	21	7 19.3	20.8
251916 1999 VO_{155}	17.0	X	249.86550	64.95206	44.24571	3.18766	0.1425016	0.26468927	2.4023991	21	9 29.9	20.1
251917 1999 VR_{156}	17.3	X	306.19028	156.68755	231.84129	5.71346	0.1253998	0.26396516	2.4067906	21	8 30.9	19.9
251918 1999 VV_{158}	16.2	X	261.35896	16.86138	40.02159	23.41528	0.1577712	0.26172875	2.4204815	21	8 10.8	20.0
251919 1999 VQ_{163}	15.3	X	359.93152	127.89816	230.05183	10.11619	0.2108272	0.17780630	3.1321168	21	10 19.3	18.7
251920 1999 VR_{165}	15.2	X	204.53794	248.28216	240.63335	15.81936	0.1318406	0.16953966	3.2331201	21	8 21.7	20.7

Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V
	m		°	°	°	°		°				
251921 1999 VR_{179}	14.8	X	259.04620	261.50026	201.54492	25.08422	0.3049329	0.17231138	3.1983555	21	8 28.1	20.1
251922 1999 VH_{193}	15.1	X	299.31173	232.71510	219.23765	14.98517	0.1250650	0.17887727	3.1196027	21	11 6.1	18.9
251923 1999 VO_{195}	16.9	X	351.86595	295.71167	59.56293	3.66994	0.2224123	0.26861059	2.3789609	21	10 23.5	18.4
251924 1999 VT_{195}	17.6	X	39.78412	347.15429	50.28142	2.95063	0.2009650	0.27785074	2.3259212	21	—	—
251925 1999 VW_{204}	15.8	X	38.72963	116.56091	238.07945	14.62404	0.0903236	0.17974500	3.1095545	21	12 2.6	19.9
251926 1999 VZ_{204}	15.4	X	298.19792	40.33812	69.70424	5.43986	0.1165062	0.18000345	3.1065773	21	11 28.2	19.3
251927 1999 VE_{206}	16.8	X	32.06078	242.69812	50.86889	8.41905	0.1127265	0.26418450	2.4054583	21	9 24.9	19.5
251928 1999 VO_{206}	15.3	X	22.84886	102.98378	245.62598	8.98148	0.1171745	0.17803013	3.1294910	21	11 5.7	19.3
251929 1999 VE_{209}	17.1	X	333.00311	15.76236	358.79541	1.24200	0.1842983	0.26750489	2.3855118	21	10 3.7	18.5
251930 1999 VA_{210}	16.8	X	336.01308	317.26583	80.83601	0.98290	0.2675106	0.17747644	3.1359965	21	10 24.3	19.3
251931 1999 VQ_{210}	15.5	X	30.37944	78.88131	287.76194	4.42532	0.2301817	0.18222824	3.0812404	21	12 26.8	19.4
251932 1999 VW_{210}	15.3	X	359.26653	52.39659	319.78814	4.06705	0.1754460	0.17822359	3.1272260	21	11 3.1	18.8
251933 1999 VS_{216}	17.6	X	49.49783	159.94451	159.67887	1.89293	0.2115349	0.27344093	2.3508614	21	12 7.4	20.7
251934 1999 VN_{217}	14.8	X	26.10363	299.92328	42.80421	27.45082	0.1707366	0.17991204	3.1076295	21	11 9.8	18.7
251935 1999 VR_{219}	16.7	X	49.05214	337.83287	13.61905	6.73980	0.1453531	0.27694208	2.3310061	21	—	—
251936 1999 VM_{225}	17.3	X	356.01394	320.84115	68.62677	22.58411	0.1008230	0.36131953	1.9522785	21	12 31.8	19.2
251937 1999 WN_{8}	14.9	X	66.04574	290.51879	28.54807	11.47573	0.1445779	0.18154172	3.0890037	21	11 28.4	19.5
251938 1999 WD_{11}	15.9	X	236.37874	330.96634	170.19246	1.53507	0.1015599	0.17650814	3.1474552	21	10 19.3	20.5
251939 1999 WG_{14}	17.5	X	359.12672	307.96332	67.09066	4.72848	0.2035140	0.27037685	2.3685891	21	12 6.7	19.5
251940 1999 WT_{15}	17.9	X	24.94943	99.24658	212.93545	1.91879	0.2071233	0.26724812	2.3870395	21	10 21.6	20.3
251941 1999 WT_{18}	17.7	X	30.99184	118.20703	214.78849	0.69616	0.2008120	0.27038774	2.3685255	21	11 29.2	20.4
251942 1999 WR_{25}	17.5	X	53.55616	208.50605	70.20762	3.34149	0.1796504	0.26439308	2.4041930	21	10 14.2	20.4
251943 1999 XY_{8}	16.9	X	344.50517	147.36064	228.03966	19.56777	0.0738640	0.35776686	1.9651814	21	11 14.9	18.1
251944 1999 XR_{23}	15.8	X	330.84029	300.34073	86.06226	15.01183	0.2913559	0.17555270	3.1588648	21	9 30.5	19.0
251945 1999 XX_{44}	17.3	X	298.22123	355.44046	54.42353	3.55836	0.2140210	0.26493497	2.4009136	21	9 9.2	19.5
251946 1999 XV_{56}	15.3	X	9.84184	124.65101	241.83318	14.89892	0.2273243	0.17826464	3.1267458	21	11 22.8	18.5
251947 1999 XG_{62}	16.6	X	340.87795	113.85424	242.23598	5.80834	0.1517663	0.26460397	2.4029154	21	9 17.8	18.8
251948 1999 XA_{65}	14.6	X	50.95640	62.64112	249.60510	25.67437	0.1905354	0.17648464	3.1477346	21	11 9.2	19.1
251949 1999 XL_{66}	15.0	X	183.23087	121.16726	73.99881	23.25422	0.1495860	0.17432343	3.1736976	21	11 3.4	20.4
251950 1999 XL_{79}	17.0	X	280.12997	350.23555	77.04380	5.60347	0.1688335	0.26296712	2.4128764	21	9 12.3	19.8
251951 1999 XE_{80}	17.1	X	298.54319	300.21297	76.69442	3.10701	0.2217014	0.26135600	2.4227824	21	7 17.0	19.5
251952 1999 XM_{91}	15.0	X	24.36827	348.54395	100.66886	24.65407	0.1708060	0.18510288	3.0492563	21	—	—
251953 1999 XX_{94}	14.9	X	275.36781	339.14079	102.79579	22.73749	0.1492141	0.16923951	3.2369417	21	9 25.9	19.8
251954 1999 XV_{106}	17.0	X	14.87607	130.94771	266.42520	5.28186	0.2774814	0.27466458	2.3438741	21	—	—
251955 1999 XR_{129}	14.8	X	328.93418	99.34111	27.99541	13.69932	0.2860407	0.18368335	3.0649462	21	—	—
251956 1999 XC_{145}	15.9	X	14.75352	123.14322	231.50326	7.46665	0.0823755	0.17819337	3.1275795	21	10 28.9	20.0
251957 1999 XN_{228}	15.6	X	336.76906	301.43960	94.46102	7.08600	0.1544885	0.17290450	3.1910371	21	10 27.0	19.3
251958 1999 XL_{241}	16.1	X	319.87967	14.69754	34.00646	1.21513	0.1671841	0.17529479	3.1619625	21	10 9.8	19.7
251959 1999 XL_{243}	15.6	X	258.90273	260.78167	227.95739	9.15637	0.0347523	0.17910473	3.1169608	21	11 8.9	20.0
251960 1999 XO_{247}	17.3	X	278.19358	204.61272	259.09894	5.48025	0.1434900	0.26718105	2.3874390	21	11 1.1	20.0
251961 1999 XV_{254}	17.1	X	326.66723	80.89745	298.41461	2.20059	0.1277967	0.26129817	2.4231398	21	9 26.7	19.3
251962 1999 XT_{258}	16.3	X	291.00375	346.39716	294.05619	10.88203	0.1519528	0.24147524	2.5540005	21	3 1.4	20.1
251963 1999 XH_{261}	15.7	X	297.25420	56.91903	19.68028	13.52488	0.2737712	0.17274609	3.1929876	21	9 24.7	19.5
251964 1999 YL_{6}	17.1	X	324.22403	112.15057	15.70704	9.06569	0.2998938	0.27357538	2.3500911	21	—	—
251965 1999 YD_{7}	15.4	X	322.92713	99.77851	303.01370	23.78621	0.3273541	0.17379057	3.1801816	21	9 3.7	18.8
251966 2000 AJ_{1}	15.5	X	356.58841	162.85952	276.08628	26.78319	0.3153374	0.27525832	2.3405024	21	—	—
251967 2000 AY_{44}	17.0	X	338.75983	173.98447	311.22919	4.51207	0.1282240	0.27378572	2.3488873	21	—	—
251968 2000 AK_{73}	15.0	X	274.21853	249.62670	235.28614	9.68950	0.0756982	0.17743539	3.1364802	21	11 17.7	19.2
251969 2000 AV_{89}	15.1	X	319.56592	305.38397	107.03098	13.18878	0.2401201	0.17306095	3.1891136	21	10 13.6	18.7
251970 2000 AQ_{92}	16.0	X	356.18848	130.56134	281.96395	22.62825	0.2347482	0.27271131	2.3550526	21	—	—
251971 2000 AN_{150}	14.2	X	167.07994	267.14565	247.99665	24.99278	0.1825516	0.16344951	3.3129405	21	8 13.8	20.2
251972 2000 AW_{157}	16.8	X	355.22580	140.62844	308.94989	4.81460	0.1847702	0.27341815	2.3509920	21	—	—
251973 2000 AQ_{170}	15.0	X	249.73043	232.34908	233.33760	12.84866	0.2378454	0.17015843	3.2252774	21	8 29.1	20.3
251974 2000 AR_{216}	17.5	X	304.10118	349.67015	87.11074	2.51167	0.1548568	0.26776878	2.3839442	21	11 10.3	19.6
251975 2000 AG_{218}	16.2	X	238.29316	81.40158	24.32685	0.88360	0.0972178	0.16709605	3.2645646	21	9 7.9	21.0
251976 2000 AB_{223}	15.6	X	300.41458	336.36536	100.57116	6.59009	0.0237877	0.17296954	3.1902371	21	10 31.8	20.1
251977 2000 AG_{226}	16.4	X	350.79354	268.39303	293.86029	8.25729	0.1532128	0.23814711	2.5777403	21	2 12.3	19.4
251978 2000 AR_{240}	16.2	X	151.49771	275.60773	229.34021	7.98373	0.2563619	0.25179328	2.4837428	21	8 1.8	20.7
251979 2000 AU_{244}	17.0	X	256.04169	153.48124	268.87515	16.30384	0.1075851	0.34771318	2.0028816	21	8 4.7	19.4
251980 2000 BE	16.0	X	47.57618	229.48016	299.87729	6.85368	0.1347476	0.24043092	2.5613907	21	4 12.4	18.9
251981 2000 CC_{57}	16.9	X	282.25641	241.82277	266.88905	2.88203	0.1470814	0.26786304	2.3833849	21	—	—
251982 2000 CP_{64}	16.7	X	263.04996	356.30313	75.89837	3.23136	0.1882653	0.25769020	2.4457052	21	8 19.8	19.9
251983 2000 CR_{100}	17.5	X	136.04935	214.93909	336.54130	2.02887	0.1367025	0.25291980	2.4763622	21	9 14.1	21.1
251984 2000 CK_{131}	16.9	X	234.26004	329.60323	305.18421	2.74884	0.0608770	0.23054564	2.6340950	21	1 6.8	20.5
251985 2000 DW_{10}	17.6	X	240.28409	135.18322	332.45404	4.37034	0.1430865	0.25725811	2.4484430	21	9 12.8	21.1
251986 2000 DR_{11}	16.7	X	21.57497	355.14886	173.20050	4.43235	0.1166096	0.23293417	2.6160572	21	2 25.8	19.3
251987 2000 DS_{11}	16.4	X	251.65703	211.02189	175.77203	8.50434	0.0993672	0.24463399	2.5319678	21	6 15.2	20.0
251988 2000 DQ_{76}	15.8	X	320.24436	272.14874	338.51913	12.28899	0.1514903	0.23438602	2.6052430	21	3 5.2	19.2
251989 2000 DY_{109}	16.4	X	12.91670	104.96374	94.26698	5.45120	0.1604578	0.23598958	2.5934278	21	3 27.6	18.9
251990 2000 ER_{25}	16.8	X	313.56984	214.20766	4.07299	9.13617	0.0629147	0.22929661	2.6436521	21	1 31.7	20.4
251991 2000 ET_{52}	16.5	X	154.89402	170.40696	168.47129	6.18192	0.0415572	0.22641614	2.6660265	21	—	—
251992 2000 EO_{53}	16.4	X	224.58914	245.20721	173.89823	2.14019	0.1356437	0.24598570	2.5226838	21	6 23.2	20.3
251993 2000 EX_{66}	16.1	X	293.24253	241.44697	7.73191	12.63819	0.1566477	0.22935116	2.6432328	21	2 3.9	20.1
251994 2000 EO_{98}	16.6	X	99.00386	181.17858	321.71396	1.96765	0.0184378	0.24329055	2.5412802	21	5 10.8	19.9
251995 2000 EQ_{98}	16.7	X	25.91043	266.88300	332.00352	6.68406	0.1670674	0.24350328	2.5397999	21	6 22.7	19.2
251996 2000 EY_{114}	16.9	X	214.57312	284.99374	183.69825	3.63262	0.0764734	0.25179326	2.4837430	21	8 21.8	20.4
251997 2000 EG_{115}	15.6	X	302.83752	150.07076	180.83841	3.22657	0.1205862	0.24410704	2.5356104	21	6 3.9	18.7
251998 2000 EY_{125}	15.8	X	356.85852	97.47788	100.95411	3.25943	0.1220282	0.23365598	2.6106668	21	2 26.2	18.6
251999 2000 EN_{126}	16.8	X	63.07517	156.59048	21.67754	5.35175	0.1966547	0.24005243	2.5640824	21	6 5.5	19.6
252000 2000 EK_{136}	16.2	X	253.68852	94.25702	103.35264	5.50092	0.2455951	0.26512644	2.3997575	21	—	—